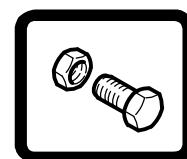
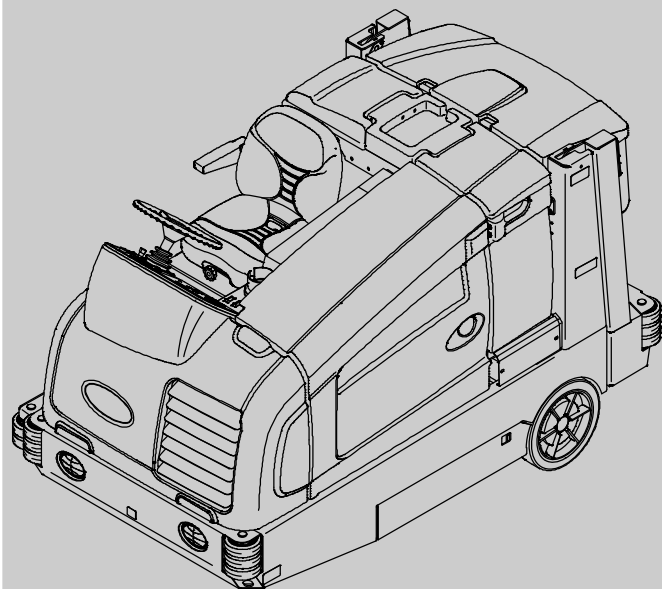




M20

(Diesel)

Scrubber-Sweeper Parts Manual

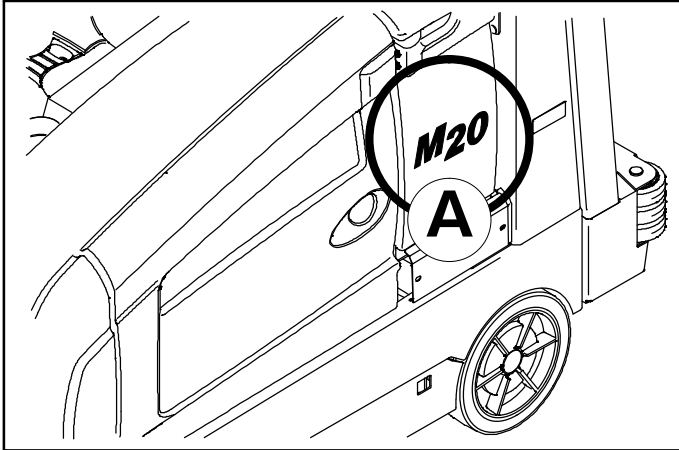
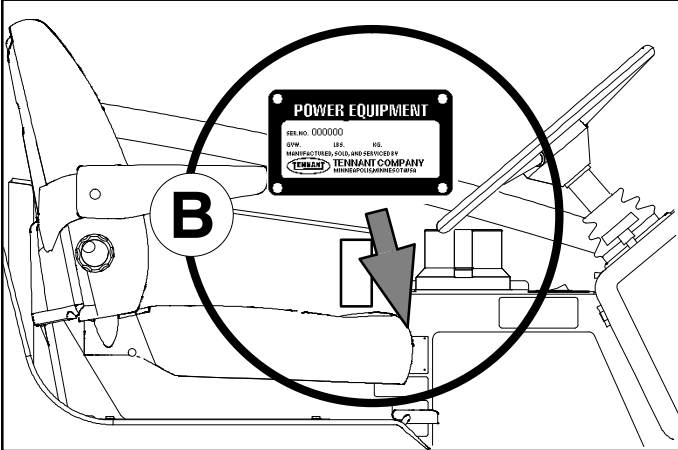
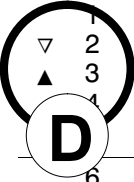
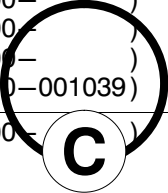


For the latest Parts manuals and other
language Operator manuals, visit:

www.tennantco.com/manuals

331416
Rev. 18 (5-2016)



				
Ref	Part No.	Serial Number	Description	Qty.
 2 3 D 6	82681	(000000—)	Bracket W/dt, Lpg Mount	1
	63810	(000000—)	Latch Assy, Lpg Tank Mtg, W/Nut	4
	51839	(000000—)	Nut Adjustable, Lpg Tank Mtg	2
	49263	(000000—)	Tie, Cable	3
	82556	(000000—001039)	Bracket, Vaporizer	1
	54930	(000000—)	Vaporizer, LPG	1
				

EN	<p>HOW TO ORDER PARTS – See diagram above</p> <p>Only use TENNANT Company supplied or equivalent parts. Parts and supplies may be ordered online, by phone, by fax or by mail.</p> <p>Follow the steps below to ensure prompt delivery.</p> <ol style="list-style-type: none"> 1. (A) Identify the machine model. 2. (B) Identify the machine serial number from the data plate. 3. (C) Ensure the proper serial number is used from the parts list. 4. Identify the part number and quantity. Do not order by page or reference numbers. 5. Provide your name, company name, customer ID number, billing and shipping address, phone number and purchase order number. 6. Provide detail shipping instructions. 	<p>Please fill out at time of installation for future reference.</p> <p>Model No. – _____</p> <p>Serial No. – _____</p> <p>Machine Options – _____</p> <p>Sales Rep. – _____</p> <p>Sales Rep. phone no. – _____</p> <p>Customer ID Number – _____</p> <p>Installation Date – _____</p>
	<p>(D) ▽ – identifies an assembly ▲ – identifies parts included in assembly</p>	

Tennant N.V.
 Industrielaan 6 5405 AB
 P.O. Box 6 5400 AA Uden–The Netherlands
 europe@tennantco.com
 www.tennantco.com

Specifications and parts are subject to change without notice.

Original Instructions, copyright © 2007 – 2016 TENNANT Company, Printed in The Netherlands

BG	<p>КАК ДА ПОРЪЧВАМЕ ЧАСТИ - Вижте схемата по-горе</p> <p>Използвайте само части, доставени от TENNANT или техни еквиваленти. Частите и доставките могат да се поръчат онлайн, по телефон, факс или по пощата.</p> <p>Следвайте долупосочените стъпки, за да си осигурите бърза и точна доставка.</p> <ol style="list-style-type: none"> 1. (A) Посочете модела на машината. 2. (B) Посочете серийния номер на машината от табелката с техническите данни. 3. (C) Уверете се, че сте използвали точния сериен номер от списъка с части. 4. Посочва номера на частта и количеството. Не поръчвайте части според страницата или референтните номера. 5. Посочете своето име, наименованието на фирмата, клиентския номер, адреса за получаване на сметката и доставката, тел.номер и номера на поръчката. 6. Посочете подробни инструкции за доставката. <hr/> <p>(D) ▽ – посочва начин на монтаж ▲ – посочва частите, включени в монтажа</p>	<p>Моля, попълнете по време на монтажа за бъдеща справка.</p> <p>Модел Э – _____</p> <p>Сериен Э – _____</p> <p>Опции на машината – _____</p> <p>Търговски представител – _____</p> <p>Тел. Э на търг. представител – _____</p> <p>Клиентски Э – _____</p> <p>Дата на монтаж – _____</p>
----	---	---

CN	<p>如何订购部件 – 参见下表</p> <p>仅使用 TENNANT 公司提供的或同等部件。部件和供应可以在线订购，通过电话、传真或邮件订购。</p> <p>请遵循下面的步骤确保及时交付。</p> <ol style="list-style-type: none"> 1. (A) 确定机器型号。 2. (B) 从数据标签确定机器序列号。 3. (C) 确保使用部件列表中的正确序列号。 4. 确定部件号和数量。 不要按页面或参考编号订购。 5. 提供您的姓名、公司名称、客户 ID 号、付帐和送货地址、电话号码和采购单编号。 6. 提供详细的送货说明。 <hr/> <p>(D) ▽ – 确定组件 ▲ – 确定组件中包含的组件</p>	<p>请在安装时填写供未来参考。</p> <p>型号 – _____</p> <p>序列号 – _____</p> <p>机器选项 – _____</p> <p>销售代表 – _____</p> <p>销售代表电话号码 – _____</p> <p>客户 ID 编号 – _____</p> <p>安装日期 – _____</p>
----	--	--

CZ	<p>OBJEDNÁVÁNÍ DÍLŮ - Viz schéma výše.</p> <p>Používejte pouze díly dodané společností TENNANT Company nebo jim odpovídající. Díly a materiál lze objednat online, telefonem, faxem nebo poštou.</p> <p>Aby bylo zajištěno rychlé dodání, postupujte podle kroků uvedených níže.</p> <ol style="list-style-type: none"> 1. (A) Zjistěte model stroje. 2. (B) Zjistěte sériové číslo stroje z výrobního štítku. 3. (C) Použijte správné sériové číslo ze seznamu dílů. 4. Určete číslo a množství dílů. Neobjednávejte podle stran nebo referenčních čísel. 5. Uveďte jméno, název společnosti, číslo ID zákazníka, fakturační a dodací adresu, telefonní číslo a číslo objednávky. 6. Uveďte podrobné pokyny pro dodání. <hr/> <p>(D) ▽ – označuje sestavu ▲ – označuje díly v sestavě</p>	<p>Vypíšte během sestavování pro budoucí potřebu.</p> <p>Číslo modelu – _____</p> <p>Sériové číslo – _____</p> <p>Doplňky zařízení – _____</p> <p>Obchodní zástupce – _____</p> <p>Tel. č. obchodního zástupce – _____</p> <p>Číslo ID zákazníka – _____</p> <p>Datum instalace – _____</p>
----	---	--

DE	<p>BESTELLEN VON ERSATZTEILEN – Siehe oben stehendes Diagramm.</p> <p>Verwenden Sie nur von TENNANT gelieferte oder gleichwertige Ersatzteile. Ersatz- und Verschleißteile können online, telefonisch, per Fax oder per E-Mail bestellt werden.</p> <p>Befolgen Sie für eine umgehende Lieferung die folgenden Schritte.</p> <ol style="list-style-type: none"> 1. (A) Geben Sie das Modell der Maschine an. 2. (B) Geben Sie die Seriennummer der Maschine an (auf dem Datenaufkleber). 3. (C) Achten Sie darauf, dass die richtigen Seriennummer aus der Ersatzteilliste verwendet wird. 4. Geben Sie die Ersatzteilnummer und die Menge an. Bestellen Sie nicht nach Seitenzahl oder Referenznummern. 5. Geben Sie Ihren Namen, den Firmennamen, die Kundennummer, die Rechnungs- und Lieferadresse, die Telefonnummer und die Einkaufsauftragsnummer an. 6. Erteilen Sie genaue Versandanweisungen. <hr/> <p>(D) ▽ – steht für eine Einheit ▲ – steht für Einzelteile einer Einheit</p>	<p>Bitte bei der Inbetriebnahme als Referenzangabe ausfüllen.</p> <p>Modellnr. – _____</p> <p>Seriennr. – _____</p> <p>Maschinenoptionen – _____</p> <p>Verkäufer – _____</p> <p>Telefonnummer des Verkäufers – _____</p> <p>Kundennummer – _____</p> <p>Installationsdatum – _____</p>
----	--	--

DK	BESTILLING AF RESERVEDELE – Se ovenstående tabel. Brug kun reservedele, der er fremstillet af TENNANT, eller dele af tilsvarende kvalitet. Reservedele og tilbehør kan bestilles online, pr. telefon, pr. fax eller pr. brev. Følg nedenstående trin for at sikre hurtig levering.	
	1. (A) Identificér maskinmodellen. 2. (B) Identificér maskinens serienummer på datamærkatet. 3. (C) Kontrollér, at det rigtige serienummer bruges i reservedelslisten. 4. Identificér reservedelsnummeret og antallet. Bestil ikke efter side- eller referencenumre. 5. Angiv dit navn, firmanavn, kunde-id-nummer, faktureringsadresse og leveringsadresse, telefonnummer og indkøbsordrenummer. 6. Angiv detaljerede instruktioner til forsendelse.	Udfyld venligst på installationstidspunktet til fremtidig brug. Modelnr. – _____ Serienr. – _____ Maskineks-traudstyr – _____ Salgskonsulent. – _____ Salgskonsulentens tlf. – _____ Kunde-id-nr. – _____ Installationsdato – _____
	(D) ▽ – identificer en enhed ▲ – identificer reservedele i en enhed	

EE	KUIDAS VARUOSI TELLIDA – vaadake alltoodud joonist Kasutage ainult TENNANT Company poolt tarnitud või samaväärseid varuosid. Varuosi ja tarvikuid saab tellida Interneti, telefoni, faksi või posti teel. Kiire kohaletoimetamise tagamiseks järgige alltoodud juhiseid.	
	1. (A) Märkige masina mudel. 2. (B) Märkige andmesildil olev masina seerianumber. 3. (C) Veenduge, et olete valinud varuosade loendist õige seerianumbri. 4. Märkige varuosa number ja kogus. Ärge tellige lehekülje- või viitenumbri alusel. 5. Märkige oma nimi, ettevõtte nimi, kliendinumbr, arveldus- ja saatmis-aadress, telefoninumber ja ostutellimuse number. 6. Lisage täpsed saatmisjuhised.	Palun täitke paigaldamise ajal edaspidiseks viitamiseks. Mudeli number – _____ Seerianumber – _____ Masina lisavarustus – _____ Müügiesindus – _____ Müügiesinduse telefoninumber – _____ Kliendinumbr – _____ Paigaldamise kuupäev – _____
	(D) ▽ – tähistab komplekti ▲ – tähistab komplektis olevaid osi	

ES	CÓMO SOLICITAR PIEZAS – Consulte el diagrama anterior. Utilice sólo las piezas suministradas por TENNANT Company o piezas equivalentes. Puede solicitar las piezas a través de internet, por teléfono, por fax o por correo. Siga los siguientes pasos para que la entrega sea rápida.	
	1. (A) Indique el modelo de máquina. 2. (B) Indique el número de serie de la etiqueta de datos. 3. (C) Asegúrese de que indica el número de serie correcto de la lista de piezas. 4. Indique la cantidad y el número de la pieza. No realice el pedido indicando el número de página o el de referencia. 5. Incluya su nombre, el nombre de la empresa, el ID de cliente, las direcciones de envío y facturación, el número de teléfono y el número del pedido de compra. 6. Facilite instrucciones de envío.	Rellene estos datos cuando realice la instalación para utilizarlos como referencia en el futuro. Nº modelo – _____ Nº serie – _____ Opciones de la máquina – _____ Vendedor – _____ Nº teléfono vendedor – _____ Nº cliente – _____ Fecha de instalación – _____
	(D) ▽ – identifica un conjunto ▲ – identifica piezas de un conjunto	

FI	KUINKA VARAOSIA TILATAAN – katso kuvaa yllä. Käytä ainoastaan TENNANTIN toimittamia tai niitä vastaavia varaosia. Voit tilata varaosia ja tarvikkeita internetistä, puhelimitse, faksilla tai sähköpostilla. Noudata seuraavia ohjeita täsmällisen toimituksen varmistamiseksi.	
	1. (A) Katso koneen malli. 2. (B) Katso koneen sarjanumero sen tunnustarrasta. 3. (C) Varmista, että osaluettelosta, että käytät oikeaa sarjanumeroa. 4. Katso osanumero ja kappalemäärä. Älä tilaa ilmoittamalla sivu- tai viitenumeroita. 5. Ilmoita nimesi, yrityksesi nimi, asiakasnumero, laskutus- ja toimitusosoite, puhelinnumero ja ostotilauksen numero. 6. Ilmoita yksityiskohtaiset toimitusosoitteet.	Ole hyvä ja täytä ottaessasi koneen käyttöön myöhempiä tarpeita varten. Mallinumero – _____ Sarjanumero – _____ Koneen lisävarusteet – _____ Myyntiedustaja – _____ Myyntiedustajan puhelinnumero – _____ Asiakasnumero – _____ Asennuspäivä – _____
	(D) ▽ – tarkoittaa kokoonpanoa ▲ – tarkoittaa kokoonpanoon sisältyviä osia	

FR	COMMENT COMMANDER DES PIÈCES DÉTACHÉES – Voir le schéma ci-dessus.	
	<p>Utilisez uniquement des pièces fournies par la société TENNANT ou équivalentes. Les pièces et fournitures peuvent être commandées en ligne, par téléphone, fax, ou par courrier.</p> <p>Suivez les étapes ci-dessous pour assurer une livraison rapide.</p> <ol style="list-style-type: none"> 1. (A) Identifiez le modèle de la machine. 2. (B) Identifiez le numéro de série de la machine, à partir de l'étiquette signalétique. 3. (C) Assurez-vous que le numéro de série correct est utilisé à partir de la liste de pièces détachées. 4. Identifiez le numéro de pièce et la quantité. Ne commandez pas par page ou numéros de référence. 5. Fournissez votre nom, le nom de votre société, votre numéro d'identification de client, l'adresse de facturation et d'expédition, le numéro de téléphone et le numéro du bon de commande. 6. Fournissez des instructions d'expédition détaillées. 	
	<p>(D) ▽ – identifie un assemblage ▲ – identifie les pièces composant l'assemblage</p>	<p>A remplir au moment de l'installation à titre de référence.</p> <p>N° du modèle – _____</p> <p>N° de série – _____</p> <p>Options de la machine – _____</p> <p>Agent commercial – _____</p> <p>N° tél. de l'agent commercial – _____</p> <p>Numéro d'identification client – _____</p> <p>Date d'installation – _____</p>

GR	ΤΡΟΠΟΣ ΠΑΡΑΓΓΕΛΙΑΣ ΑΝΤΑΛΛΑΚΤΙΚΩΝ - Βλ. παραπάνω διάγραμμα.	
	<p>Χρησιμοποιήστε μόνο ανταλλακτικά παρεχόμενα από την TENNANT Company ή ισοδύναμα. Τα ανταλλακτικά και αναλώσιμα μπορούν να παραγγελθούν online, τηλεφωνικά, με φαξ ή ταχυδρομικά.</p> <p>Ακολουθήστε τα παρακάτω βήματα για να εξασφαλίσετε την έγκαιρη αποστολή τους.</p> <ol style="list-style-type: none"> 1. (A) Βρείτε το μοντέλο μηχανήματος. 2. (B) Βρείτε τον αριθμό σειράς του μηχανήματος από την ετικέτα στοιχείων. 3. (C) Βεβαιωθείτε ότι χρησιμοποιείται ο σωστός αριθμός σειράς από τον κατάλογο ανταλλακτικών. 4. Βρείτε κωδικό ανταλλακτικού και ποσότητα. Μην παραγγέλνετε βάσει σελίδας ή αριθμών αναφοράς. 5. Δώστε το όνομα σας, όνομα εταιρείας, ID (κωδικό) πελάτη, διεύθυνση τιμολόγησης και αποστολής, αριθμό τηλεφώνου και αριθμό εντολής προμήθειας. 6. Δώστε λεπτομερείς πληροφορίες αποστολής. 	
	<p>(D) ▽ – υποδηλώνει υποσύστημα ▲ – υποδηλώνει τα μέρη που περιλαμβάνονται στο υποσύστημα</p>	<p>Παρακαλούμε συμπληρώστε κατά την ώρα της εγκατάστασης για μελλοντική αναφορά.</p> <p>Αρ. Μοντέλου – _____</p> <p>Αρ. σειράς – _____</p> <p>Επιλογές Μηχανήματος – _____</p> <p>Εκπ. πωλήσεων – _____</p> <p>Τηλ. εκπροσώπου πωλήσεων – _____</p> <p>Αριθμός πελάτη – _____</p> <p>Ημερομηνία εγκατάστασης – _____</p>

HU	HOGYAN RENDELJÜNK ALKATRÉSZEKET - Lásd: fenti diagramm.	
	<p>Kizárólag TENNANT vagy azzal egyenértékű cserealkatrészeket használjon. Az alkatrészeket és anyagokat meg lehet rendelni az Interneten keresztül, vagy telefonon, faxon és e-mailben.</p> <p>A pontos szállítás érdekében kövesse az alábbi lépéseket.</p> <ol style="list-style-type: none"> 1. (A) Adja meg a gép típusát. 2. (B) Az adatcímké alapján adja meg a gép gyártási számát. 3. (C) Ügyeljen arra, hogy a megfelelő gyártási számot válassza ki az alkatrészlistáról. 4. Adja meg a rendelési számot és a mennyiséget. A rendeléshez ne az oldalszámot vagy a hivatkozási számot használja. 5. Adja meg a nevét, a cége nevét, az ügyfélaazonosító számát, a számlázási és szállítási címét, a telefonszámát és a rendelési számot. 6. Adjön részletes szállítási utasításokat. 	
	<p>(D) ▽ – a jel csomagra utal ▲ – a jel a csomagban található alkatrészekre utal</p>	<p>A későbbi visszakeresések érdekében kérjük, hogy a rovatokat az első üzembehelyezéskor töltsse ki.</p> <p>Típuszám – _____</p> <p>Gyártási szám. – _____</p> <p>A gép felszereltsége – _____</p> <p>Kereskedelmi képviselő – _____</p> <p>Kereskedelmi képviselő telefonszáma – _____</p> <p>Ügyfél azonosító száma – _____</p> <p>Üzembehelyezés dátuma – _____</p>

IT	COME ORDINARE LE PARTI – Vedere schema precedente.	
	<p>Utilizzare solo ricambi forniti da TENNANT o equivalenti. Ricambi e forniture possono essere ordinati online, per telefono, via fax o per posta elettronica.</p> <p>Per ottenere una consegna rapida, seguire i passaggi indicati di seguito.</p> <ol style="list-style-type: none"> 1. (A) Identificare il modello della macchina. 2. (B) Identificare il numero di serie della macchina dall'etichetta dei dati. 3. (C) Utilizzare il numero di serie corretto presente nell'elenco delle parti di ricambio. 4. Identificare numero di parte e quantità. Non ordinare per numero di pagina o di riferimento. 5. Fornire nome del contatto, nome della società, numero di ID cliente, indirizzo di fatturazione e di spedizione, numero di telefono e numero di ordine di acquisto. 6. Fornire istruzioni dettagliate per la spedizione. 	
	<p>(D) ▽ – identifica un gruppo ▲ – identifica parti comprese in un gruppo</p>	<p>Compilare il modulo al momento dell'installazione per poterlo consultare in futuro in caso di necessità.</p> <p>N. Modello – _____</p> <p>N. Serie – _____</p> <p>Opzioni della macchina – _____</p> <p>Venditore – _____</p> <p>Tel. venditore – _____</p> <p>Numero ID cliente – _____</p> <p>Data di installazione – _____</p>

JP	<p>パーツの発注方法 ? 上記の図を参照してください</p> <p>TENNANT社製のパーツまたは同等品のみをお使いください。 パーツやサプライ品のご注文は、オンライン、電話、FAX、または手紙でお願いいたします。 確実にお届けできるように、以下の情報お知らせください。</p> <ol style="list-style-type: none">1. (A) 製品のモデル名をお知らせください。2. (B) 製品のデータラベルに印刷されているシリアル番号をお知らせください。3. (C) パーツリストを参照して、シリアル番号が正しいかご確認ください。4. パーツ番号と数量をお知らせください。マニュアル/カタログのページ番号や参照番号でのご注文はご遠慮ください。5. お客様のお名前、会社名、顧客ID番号、請求/発送先住所、電話番号、注文書番号をお知らせください。6. 発送に関するご希望があれば、明記してください。	<p>後日確認できるように、設置時に記入してください。</p> <p>モデルNo. - _____</p> <p>シリアルNo. - _____</p> <p>製品のオプション- _____</p> <p>販売代理店 - _____</p> <p>販売代理店の電話番号 - _____</p> <p>顧客ID番号 - _____</p> <p>設置日 - _____</p>
	<p>(D) ▽ - アセンブリを示します ▲ - アセンブリに含まれるパーツを示します</p>	

LT	<p>KAIP UŽSISAKYTI DALIS – žr. diagramą viršuje</p> <p>Naudokite tik "Tennant" kompanijos tiekiamas arba lygiavertes joms dalis. Dalis galite užsisakyti internetu, telefonu, faksu bei elektroniniu paštu. Kad užsakymas būtų greitai įvykdytas, laikykitės išvardytų taisyklių.</p> <ol style="list-style-type: none">1. (A) Nurodykite mašinos modelį.2. (B) Norodykite mašinos serijos numerį, kurį rasite ant duomenų žymės.3. (C) Įsitikinkite, kad nurodomas tikslus serijos numeris iš dalių sąrašo.4. Nurodykite dalies numerį ir reikiamą kiekį. Neužsakinėkite pagal puslapius ar nuorodos numerius.5. Nurodykite savo vardą, kompanijos pavadinimą, kliento ID numerį, sąskaitos išrašymo ir vežimo adresą, telefono numerį ir pirkimo užsakymo numerį.6. Nurodykite išsamias gabenimo instrukcijas.	<p>Prašome užpildyti montavimo metu, siekiant gauti informaciją ateityje.</p> <p>Modelio nr. - _____</p> <p>Serijos nr. - _____</p> <p>Mašinos parinktys - _____</p> <p>Prekybos atstovas - _____</p> <p>Komivojažieriaus tel. nr. - _____</p> <p>Pirkėjo ID numeris - _____</p> <p>Sumontavimo data - _____</p>
	<p>(D) ▽ - žymi sistemą ▲ - nurodo sistemos dalis</p>	

LV	<p>KĀ PASŪTĪT REZERVES DETALĀS – Skat. diagrammu iepriekš</p> <p>izmantojiet tikai TENNANT Company piegādātās vai tām līdzvērtīgas rezerves detaļas. Daļas un piegādi var pasūtīt internetā, pa tālruni, pa faksu vai pastu. Lai nodrošinātu savlaicīgu piegādi, sekojiet zemāk aprakstītajiem soļiem.</p> <ol style="list-style-type: none">1. (A) Nosakiet mašīnas modeli.2. (B) Nosakiet mašīnas sērijas numuru uz tehnisko datu uzlīmes.3. (C) Pārliecinieties, ka tiek uzrakstīts attiecīgais sērijas numurs no detaļu saraksta.4. Nosakiet detaļas numuru un skaitu. Veicot pasūtījumus neatsaucieties uz lapušu vai norādes numuriem.5. Uzrakstiet savu vārdu, uzņēmuma nosaukumi, klienta identitātes numuru, adresi rēķina iesūtīšanai un piegādei un pirkuma pasūtījuma numuru.6. Sniedziet detalizētu informāciju par piegādi.	<p>Veicot uzstādīšanu, lūdzam pierakstīt attiecīgo informāciju izmantošanai turpmāk.</p> <p>Modeļa Nr. - _____</p> <p>Sērijas Nr. - _____</p> <p>Iekārtas papildaprīkojums- _____</p> <p>Pārdošanas pārst. - _____</p> <p>Pārdošanas pārst. tālr. Nr. - _____</p> <p>Klienta identitātes numuru- _____</p> <p>Uzstādīšanas datums- _____</p>
	<p>(D) ▽ - nosaka ierīci i ▲ - nosaka detaļas, kas ir komplektā ar ierīci</p>	

NL	<p>HOE ONDERDELEN TE BESTELLEN – Zie schema hierboven.</p> <p>Gebruik alleen onderdelen die door TENNANT Company zijn geleverd of soortgelijke onderdelen. Onderdelen en voorraden kunnen online, per telefoon, fax of schriftelijk besteld worden. Volg de stappen hieronder om een juiste levering te garanderen.</p> <ol style="list-style-type: none">1. (A) Bepaal het machinemodel.2. (B) Lees het serienummer van de machine af van het gegevenslabel.3. (C) Zorg dat het juiste serienummer wordt gebruikt uit de onderdelenlijst.4. Bepaal het artikelnummer en het aantal. Bestel niet aan de hand van pagina's of referentienummers5. Geef uw naam, bedrijfsnaam, klantnummer, factuur- en leveringsadres, telefoonnummer en bestelnummer op.6. Geef gedetailleerde leveringsinstructies op.	<p>Vul tijdens installatie de onderstaande gegevens in voor eventueel toekomstig gebruik.</p> <p>Modelnr. - _____</p> <p>Serienr. - _____</p> <p>Machine-opties - _____</p> <p>Verkoopvert. - _____</p> <p>Telnr. verkoopvert. - _____</p> <p>Klantnummer - _____</p> <p>Installatiedatum - _____</p>
	<p>(D) ▽ - geeft een eenheid aan ▲ - geeft de onderdelen van de eenheid aan</p>	

NO	HVORDAN BESTILLE DELER – Se diagram over. Bruk kun deler levert av TENNANT Company eller ekvivalente deler. Deler og forsyninger kan bestilles online, per telefon, per faks eller per post. Følg trinnene under for å sikre rask levering.	Fyll ut ved installasjonstidspunkt for fremtidig bruk. Modellnr. – _____ Serienr. – _____ Maskinens tillegg – _____ Salgsrep. – _____ Salgsrep. telefonnr. – _____ Kunde-ID-nummer – _____ Installasjonsdato – _____
	1. (A) Angi maskinmodellen. 2. (B) Angi maskinens serienummer fra typeskiltet. 3. (C) Forsikre deg om at korrekt serienummer brukes fra delelisten. 4. Angi delenummer og antall. Bestill ikke ut fra side- eller referansenumre. 5. Angi ditt navn, firmanavn, kunde-ID-nummer, fakturerings- og forsendelsesadresse, telefonnummer og innkjøpsordrenummer. 6. Angi detaljerte forsendelsesinstruksjoner.	
	(D) ▽ – angir en delegruppe ▲ – angir deler inkludert i en delegruppe	

PL	JAK ZAMAWIAĆ CZĘŚCI - patrz schemat powyżej. Należy używać wyłącznie części dostarczanych przez firmę TENNANT Company lub równoważnych. Części i dostawy mogą być zamawiane online, przez telefon, faksem lub pocztą. Aby zapewnić szybką dostawę, należy przestrzegać następujących wskazówek.	Prosimy wpisać datę instalacji do późniejszego wykorzystania. Nr modelu – _____ Nr seryjny – _____ Opcje maszyny – _____ Przedst. sprzedaży – _____ Nr tel. przedst. sprzed. – _____ Nr ident. klienta – _____ Data instalacji – _____
	1. (A) Określić model maszyny. 2. (B) Określić numer seryjny maszyny znajdujący się na tabliczce znamionowej. 3. (C) Odszukać ten numer seryjny w wykazie części. 4. Określić numer części i ilość. Nie zamawiać na podstawie numeru strony lub liczby porządkowej wykazu. 5. Podać swoje nazwisko, nazwę firmy, numer identyfikacyjny klienta, adres dostawy i dostarczenia rachunku, numer telefonu i numer zamówienia zakupu. 6. Podać dokładne instrukcje dotyczące dostawy.	
	(D) ▽ – oznacza zespół ▲ – oznacza część w zespole	

PT G	COMO ENCOMENDAR PEÇAS – Consulte o diagrama acima. Utilize apenas peças fornecidas pela TENNANT Company ou equivalentes. As peças e consumíveis podem ser encomendados online, por telefone, fax ou correio. Siga os passos abaixo para garantir uma entrega rápida.	Preencha na altura da instalação para futura referência. Modelo nº – _____ Nº de série – _____ Opções da máquina – _____ Vendedor – _____ Telefone do vendedor – _____ Número de ID do cliente – _____ Data de instalação – _____
	1. (A) Identifique o modelo da máquina. 2. (B) Identifique o número de série da máquina que se encontra na etiqueta de dados. 3. (C) Certifique-se de que usa o número de série correcto da lista de peças. 4. Identifique o número de produto e a quantidade. Não encomende através de números de página ou de referência. 5. Forneça o seu nome, o nome da empresa, o número de ID do cliente, os endereços de facturação e entrega, o número de telefone e o número da nota de encomenda. 6. Forneça instruções de entrega detalhadas.	
	(D) ▽ – identifica uma unidade ▲ – identifica peças incluídas numa unidade	

RU	КАК ЗАКАЗАТЬ ЗАПЧАСТИ - См. схему ниже. Используйте только запчасти, поставляемые компанией TENNANT или их аналоги. Запасные части и расходные материалы можно заказать в режиме онлайн, телефоном, факсом или электронной почтой. Для своевременной доставки следуйте описанным ниже инструкциям.	Во время установки заполните, пожалуйста, эти сведения для того, чтобы ссылаться в дальнейшем. Модель Э – _____ Серийный Э – _____ Опции машины – _____ Торговый представитель – _____ Телефон торгового представителя – _____ Идент. номер покупателя – _____ Дата установки – _____
	1. (A) Укажите модель машины. 2. (B) Укажите серийный номер машины, обозначенный на табличке технических данных. 3. (C) Удостоверьтесь, что надлежащий серийный номер перечислен в списке запчастей. 4. Укажите номер детали и нужное количество. Не используйте номера страниц или ссылок. 5. Укажите свое имя, название компании, идентификационный номер покупателя, расчетный адрес и адрес доставки, телефонный номер и номер заказа на покупку. 6. Укажите подробные сведения о доставке.	
	(D) ▽ – означает узел ▲ – обозначает деталь узла	

SE	BESTÄLLNING AV RESERVDELAR – Se ovanstående schema. Använd endast delar från Tennant Company eller likvärdiga. Delar och material kan beställas online, telefoniskt, per fax eller post. Följ nedanstående steg för en snabb leverans.	
	<ol style="list-style-type: none"> (A) Identifiera maskinens modell. (B) Identifiera maskinens serienummer på typskylten. (C) Kontrollera att rätt serienummer används från dellistan. Identifiera artikelnumret och mängden. Beställ inte med hjälp av sido- eller referensnummer. Uppge ditt namn, företagets namn, kundens ID-nummer, faktura- och leveransadress, telefonnummer och ordernumret vid inköp. Ge detaljerade transportanvisningar. 	Fyll i vid installation och spar för framtida bruk. Modellnr. – _____ Serienr. – _____ Tilvalsutrustning – _____ Försäljare – _____ Försäljarens tel.nr. – _____ Kundnummer – _____ Installationsdatum – _____
	(D) ▽ – identifierar en modul ▲ – identifierar delar som ingår i en modul	

SK	POSTUP PRI OBJEDNÁVANÍ ČASTÍ - Pozri vyššie uvedený diagram. Využívajte výhradne dielce dodané spoločnosťou TENNANT, alebo ich ekvivalenty. Dielce a položky je možné objednať online, telefonicky, faxom, alebo poštou. Na zabezpečenie promptného doručenia sa riadte nasledovnými krokmi.	
	<ol style="list-style-type: none"> (A) Identifikujte model stroja. (B) Z etikety s údajmi identifikujte sériové číslo stroja. (C) Ubezpečte sa, že ste zadali správne sériové číslo zo zoznamu dielcov. Identifikujte číslo dielu a množstvo. Neobjednávajte pomocou čísel strán, alebo referenčných čísel. Zadajte Vaše meno, meno spoločnosti, ID číslo zákazníka, fakturačnú a prepravnú adresu, telefónne číslo a objednávacie číslo dielu. Uvedte podrobné prepravné pokyny. 	Vyplňte prosím pri inštalácii pre prípad potreby v budúcnosti. Č. modelu – _____ Sériové č. – _____ Zvláštne príslušenstvo stroja – _____ Obchodné zastúpenie – _____ Obch. zastúpenie tel. č. – _____ ID č. zákazníka – _____ Dátum inštalácie – _____
	(D) ▽ – identifikuje sadu ▲ – identifikuje časti sady	

SL	NAROČANJE NADOMESTNIH DELOV - glejte zgornjo sliko. Uporabljajte samo originalne nadomestne dele Tennant ali enakovredne dele. Dele in potrošni material lahko naročite prek spleta, po telefonu, faksu ali pošti. Za zagotovitev čimbolj hitre dostave sledite spodnjim navodilom.	
	<ol style="list-style-type: none"> (A) Ugotovite model stroja. (B) Na ploščici s podatki poiščite serijsko številko stroja. (C) Poskrbite, da na seznamu nadomestnih delov poiščete pravilno serijsko številko. Poiščite številko dela in potrebno količino. Pri naročilih ne navajajte strani ali referenčne številke. Navedite svoje ime, ime podjetja, ID številko stranke, naslova za dostavo in izdajo računa, telefonsko številko in številko naročila. Navedite podrobna navodila za dostavo. 	Prosimo, da ob vgradnji izpolnite te podatke, da vam bodo v prihodnje na voljo. Št. modela – _____ Serijska številka – _____ Dodatna oprema stroja – _____ Prodajni predstavnik – _____ Telefonska št. prodajnega predstavnika – _____ Številka stranke – _____ Datum vgradnje – _____
	(D) ▽ – označuje sklop ▲ – označuje dele sklopa	

TR	PARÇALARIN SİPARİŞ EDİLMESİ - Yukarıdaki şemaya bakın. Yalnızca TENNANT Company'den sağlanan veya eşdeğerde parçalar kullanın. Parça veya sarf malzemeleri çevrimiçi olarak, telefonla, faksla veya postayla sipariş edilebilir. Zamanında teslimatı sağlamak için aşağıdaki adımları izleyin.	
	<ol style="list-style-type: none"> (A) Makine modelini belirtin. (B) Veri etiketinden makine seri numarasını belirtin. (C) Parça listesinden uygun seri numarasının kullanıldığından emin olun. Parça numarasını ve miktarını belirtin. Sayfa veya referans numaralarını kullanarak sipariş vermeyin. Adınızı, şirketinizin adını, müşteri kimlik numaranızı, faturalama ve sevkiyat adreslerini, telefon numarasını ve satın alma siparişi numarasını belirtin. Ayrıntılı sevkiyat talimatlarını belirtin. 	İleri tarihlerde başvurmak için lütfen kurulum sırasında doldurun. Model No. - _____ Seri No. - _____ Makine Seçenekleri - _____ Satış Temsilcisi - _____ Satış Temsilcisi telefon no. - _____ Müşteri Kimlik Numarası - _____ Kurulum Tarihi - _____
	(D) ▽ – bir tertibatı belirtir ▲ – tertibattaki parçaları belirtir	

General Recommended Maintenance Items

Ref.	Part No.	Serial Number	Description	Qty.
▽	9003130	(0000-0196	) Maint Kit, 400hr, Dsl [M20/T20]	1
▲	369746	(0000-0196	) Element, Fltr, Air [Dn]	1
▲	39703-2	(0000-0196	) Element, Fltr, Oil, Spin-On [Ku]	1
▲	1017126	(0000-0196	) Element, Fltr, Fuel [Dn]	1
▲	1023911	(0000-0196	) Belt, V, 37.5l [3v]	1
▲	31613	(0000-0196	) Strainer, Hyd, 25 Gpm 100 Mesh	1
▲	1021579	(0000-0196	) Filter Assy, Hyd, 10mic	1
▽	9006060	(0197-	) Maint Kit, 400hr, Dsl [M20/T20]	1
▲	369746	(0197-	) Element, Fltr, Air [Dn]	1
▲	39703-2	(0197-	) Element, Fltr, Oil, Spin-On [Ku]	1
▲	1017126	(0197-	) Element, Fltr, Fuel [Dn]	1
▲	31613	(0197-	) Strainer, Hyd, 25 Gpm 100 Mesh	1
▲	1021579	(0197-	) Filter Assy, Hyd, 10mic	1
▲	393244	(0197-	) Belt, V, 42.0L [Hc41]	1
▲	1048295AM	(0000-	) Filter, Panl, Dust, 4.2 X 20.0 X 30.0	1
	1027290	(0000-	) Filter, Soltn, 20mesh, Pm12 3.1d 02.6l	1
	87866	(0000-	) Key, Ignition [Set Of 2]	1
	10143	(0000-	) Battery, Wet, 12vdc 0600cca	1
	20833	(0000-	) Wheel, 3.0d 1.38w 0.50b	2
	1024586	(0000-	) Skirt, Neo, .06, 06.85w 27.95l, 08 Hole	2
	1019295	(0000-	) Skirt, Neo, .18, 10.37w 27.95l, 12 H&S	2
	1020166	(0000-	) Skirt, Neo, .06, 12.00w 45.88l, 07 Hole	1
	1022009	(0000-	) Skirt, Neo, .06, 06.38w 40.86l, 06 Hole	1
	1022007	(0000-	) Skirt, Rbr, .37, 04.50w 40.94l, 06 Hole	1
	1017868	(0000-	) Blade, Sqge, Front [Linard]	1
	1031331	(0000-	) Blade, Sqge, Rear, Linatex	1
	83874	(0000-	) Gasket, Sqge	2
	1031011	(0000-	) Blade, Sqge, 37.08l Linatex	2
	1027719	(0000-	) Blade, Sqge, Front, 49.59l Pyu	1
	1031945	(0000-	) Blade, Sqge, Rear, 53.78L Pyu	1
	1031823	(0000-	) Blade, Sqge, .38 3.55w 038.3l, Ure	2
	1027716	(0000-0178	) Squeegee Assy, Sba, Ure	1
	1059091	(0179-	) Blade, Sqge, Side Brush, Urethane	1
	1059092	(0179-	) Blade, Sqge, Side Brush, Urethane	1
	363413	(0000-	) Tire Assy, Solid, 16.0x3.5 2.43b	1
	84597	(0000-	) Tire Assy, Solid, 18.0x6.0 4.5bc/5bolt	1
	1025005	(0000-0178	) Squeegee Assy, Sba, Linatex	1
	1046980	(0179-	) Blade, Sqge, Side Brush, Linatex	1
	1047238	(0179-	) Blade, Sqge, Side Brush, Linatex	1
	99321	(0000-	) Oil, Hydraulic 68 [20L]	1

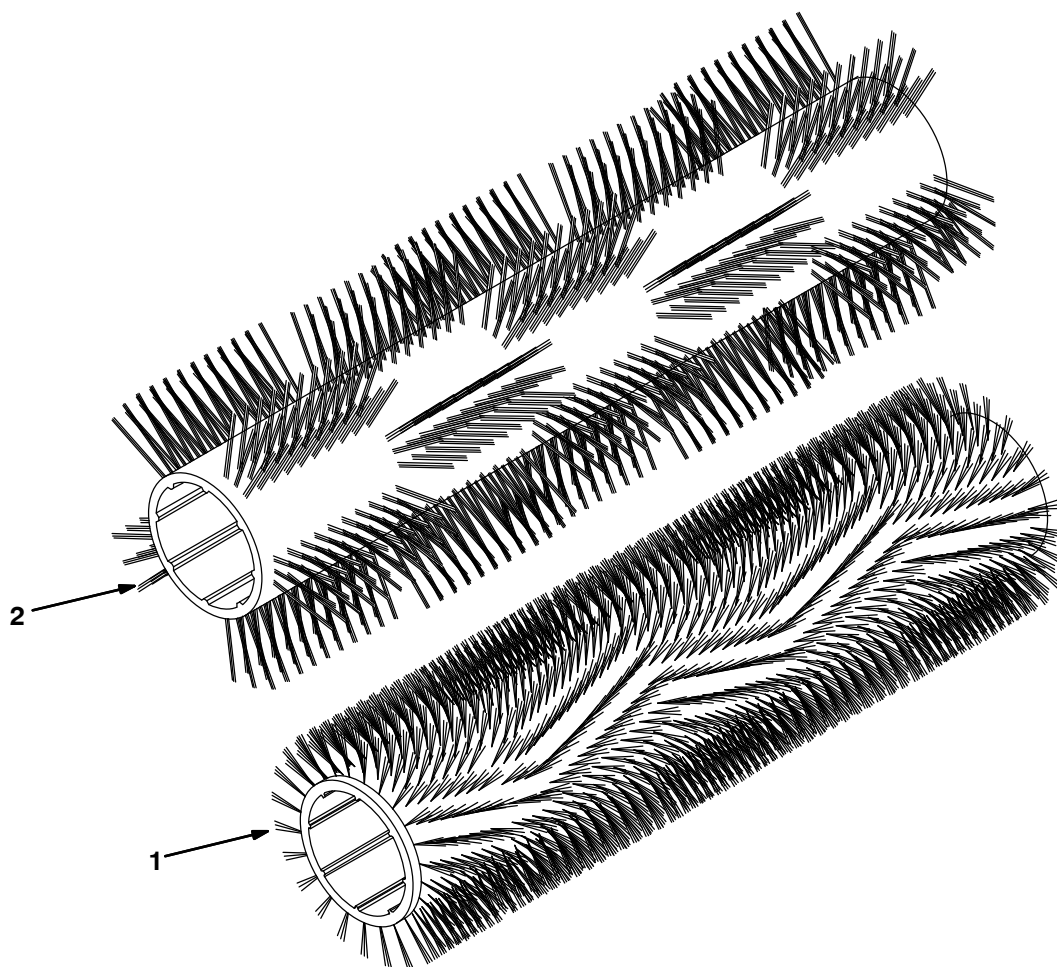
GENERAL RECOMMENDED MAINTENANCE

SECTION 2

Contents	Page
Fig. 1 – Brushes, Replacement, Scrub Head . . .	2-2
Fig. 2 – Brushes, Replacement, Side Brush . . .	2-3
Fig. 3 – Main Frame Group	2-4
Fig. 4 – Operator Station Group	2-6
Fig. 5 – Operator Station Insulation Group	2-8
Fig. 6 – Instrument Panel Group, Diesel	2-10
Fig. 7 – Seat Group	2-12
Fig. 8 – Steering Group	2-14
Fig. 9 – Front Cover Group	2-16
Fig. 10 – Engine Cover Group	2-18
Fig. 11 – Engine and Mount Group, Diesel	2-20
Fig. 12 – Engine Fuel Tank Group, Diesel	2-22
Fig. 13 – Engine Fuel Line Group, Diesel	2-24
Fig. 14 – Engine Air Cleaner Group, Diesel	2-26
Fig. 15 – Engine Alternator Group, Diesel (0000–0196)	2-28
Fig. 16 – Engine Alternator Group, Diesel (0197–)	2-30
Fig. 17 – Engine Muffler Group, Diesel	2-32
Fig. 18 – Engine Radiator Group, Diesel (0000–0195)	2-34
Fig. 19 – Engine Radiator Group, Diesel (0196–0499)	2-36
Fig. 20 – Engine Radiator Group, Diesel (0500–)	2-38
Fig. 21 – Engine Radiator Hose Group, Diesel (0196–)	2-40
Fig. 22 – Battery and Electrical Group	2-42
Fig. 23 – Wheel Group, Front Drive	2-44
Fig. 24 – Wheel Group, Rear	2-46
Fig. 25 – Brake Pedal Linkage Group	2-48
Fig. 26 – Directional Pedal and Linkage Group, Diesel	2-50
Fig. 27 – Hopper Lift Arms Group	2-52
Fig. 28 – Hopper and Debris Screen Group	2-54
Fig. 29 – Hopper Cover and Dust Filter Group	2-56
Fig. 30 – Hopper Bumper Group	2-58
Fig. 31 – Hopper Door Group (0000–0204)	2-60
Fig. 32 – Hopper Door Group (0205–)	2-62
Fig. 33 – Brush Drive Group, Left Side	2-64
Fig. 34 – Brush Drive Group, Right Side	2-66
Fig. 35 – Brush Head Lift Group	2-68
Fig. 36 – Brush Head Skirt Group	2-70
Fig. 37 – Squeegee Lift Group, Rear	2-72
Fig. 38 – Squeegee Group, Rear	2-74
Fig. 39 – Squeegee Linkage Group, Rear	2-76
Fig. 40 – Squeegee Group, Right Side	2-78
Fig. 41 – Squeegee Lift Group, Right Side	2-80
Fig. 42 – Squeegee Group, Left Side	2-82
Fig. 43 – Squeegee Lift Group, Left Side	2-84
Fig. 44 – Solution Tank Group	2-86
Fig. 45 – Solution Tank Drain Group	2-88
Fig. 46 – Solution Control Group	2-90
Fig. 47 – Recovery Tank Group	2-92
Fig. 48 – Recovery Tank Drain Group	2-94

Contents	Page
Fig. 49 – Vacuum Fan Group, Scrubbing (0000–0781)	2-96
Fig. 50 – Vacuum Fan Group, Scrubbing (0782–)	2-98
Fig. 51 – Vacuum Fan Group, Sweeping	2-100
Fig. 52 – Hydraulic Schematic (0000–0131)	2-102
Fig. 53 – Hydraulic Schematic (0132–0270)	2-104
Fig. 54 – Hydraulic Schematic (0271–)	2-106
Fig. 55 – Hydraulic Hose Group, Steering and Propel	2-108
Fig. 56 – Hydraulic Hose Group, Pump and Vacuum Fans (0000–0776)	2-110
Fig. 57 – Hydraulic Hose Group, Pump and Vacuum Fans (0777–)	2-112
Fig. 58 – Hydraulic Hose Group, Brush and Hopper	2-114
Fig. 59 – Hydraulic Hose Group, Squeegee Lift	2-116
Fig. 60 – Hydraulic Pumps Group	2-118
Fig. 61 – Hydraulic Cooler and Tubes Group	2-120
Fig. 62 – Hydraulic Reservoir Group	2-122
Fig. 63 – Hydraulic Valves Group (0000–0131)	2-124
Fig. 64 – Hydraulic Valve Group (0132–)	2-126
Fig. 65 – Electrical Schematic	2-128
Fig. 66 – Electrical Schematic, Diesel Engine Harness	2-133
Fig. 67 – Electrical Wire Harnesses Group, Main	2-134
Fig. 68 – Electrical Wire Harness Group, Headlight	2-148
Fig. 69 – Electrical Wire Harness Group, Hopper	2-149
Fig. 70 – Electrical Wire Harness Group, Hopper Cover	2-152
Fig. 72 – Electrical Wire Harness Group, Seat Switch	2-156
Fig. 73 – Label Group	2-158

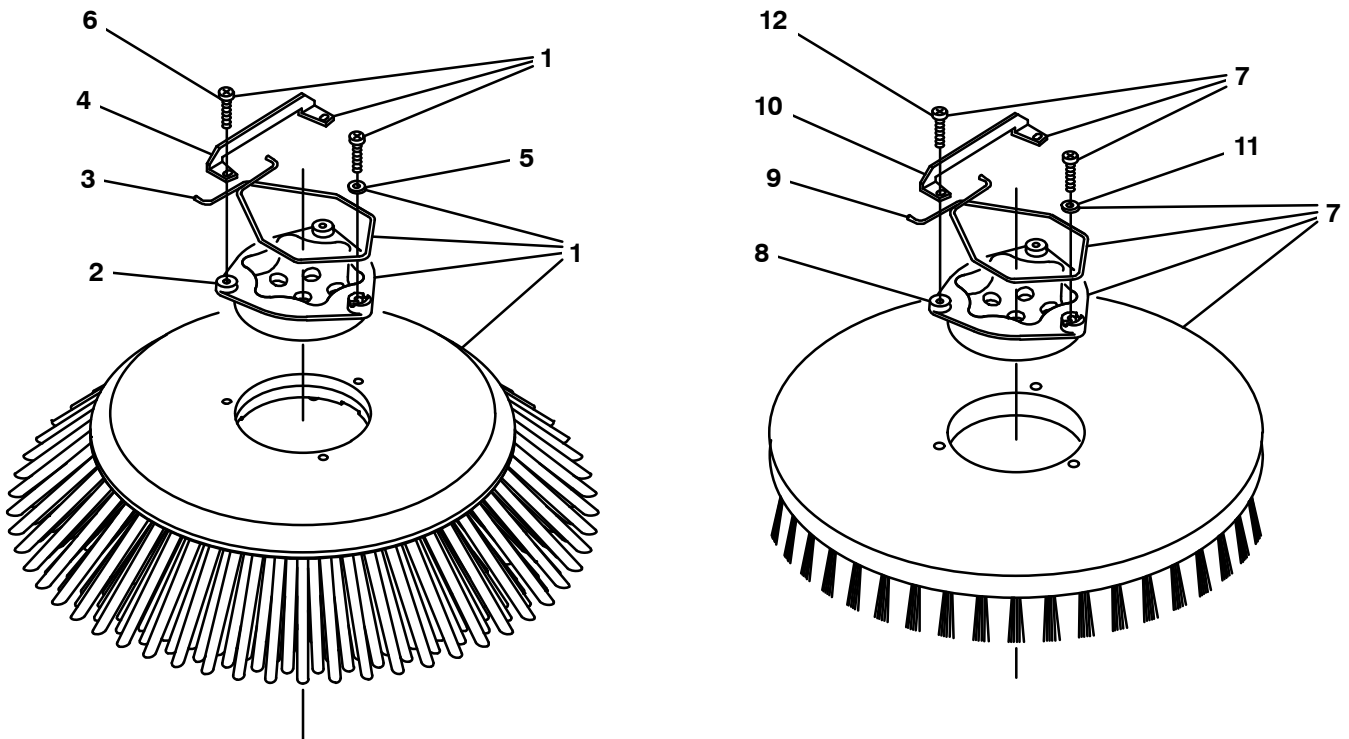
Fig. 1 – Brushes, Replacement, Scrub Head



354408 – M20

Ref.	Part No.	Serial Number	Description	Qty.
1	1026223	(0000–	) Brush, Swp / Scb, 40L, Polypropylene	2
1	1026222	(0000–	) Brush, Swp / Scb, 40L, Super Abrasive	2
1	1027697	(0000–	) Brush, Swp / Scb, 40L, Polyester	2
1	1030969	(0000–	) Brush, Swp / Scb, 40L, Heavy Duty Polypropylene	2
2	1040524	(0000–	) Brush, Swp / Scb, 40L, Wndw, Polypropylene	1
2	1059640	(0000–	) Brush, Swp / Scb, 40L, Wndw, Super Abrasive	1

Fig. 2 – Brushes, Replacement, Side Brush



354584

Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1027688	(0000-) Brush Assy, Disk, Swp, 24.0d, Polypropylene	1
▲	2	15539	(0000-) Hub, Drive, Brush, Disk, 3hole 5.8bc[6t]	1
▲	3	14838	(0000-) Spring, Wir, 0.16d, Brush Retaining	1
▲	4	24299	(0000-) Bracket, Retainer, Spring	1
▲	5	01684	(0000-) Washer, Flat, 0.27b 0.69d .05, Ss	1
▲	6	32746	(0000-) Screw, Pan, Phl, M6 X 1.00 X 35, Ss	3
▽	7	1042499	(0000-) Brush Assy, Disk, Scg, 16.0 D, Soft Nylon	1
▲	8	1017368	(0000-) Hub, Drive, Brush, Disk, 3hole 5.8bc	1
▲	9	14838	(0000-) Spring, Wir, 0.16d, Brush Retaining	1
▲	10	24299	(0000-) Bracket, Retainer, Spring	1
▲	11	01684	(0000-) Washer, Flat, 0.27b 0.69d .05, Ss	1
▲	12	32746	(0000-) Screw, Pan, Phl, M6 X 1.00 X 35, Ss	3
▽	7	1042500	(0000-) Brush Assy, Disk, Scg, 16.0 D, Heavy Duty Polypropylene	1
▲	8	1017368	(0000-) Hub, Drive, Brush, Disk, 3hole 5.8bc	1
▲	9	14838	(0000-) Spring, Wir, 0.16d, Brush Retaining	1
▲	10	24299	(0000-) Bracket, Retainer, Spring	1
▲	11	01684	(0000-) Washer, Flat, 0.27b 0.69d .05, Ss	1
▲	12	32746	(0000-) Screw, Pan, Phl, M6 X 1.00 X 35, Ss	3
▽	7	1042504	(0000-) Brush Assy, Disk, Scg, 16.0 D, Super Abrasive	1
▲	8	1017368	(0000-) Hub, Drive, Brush, Disk, 3hole 5.8bc	1
▲	9	14838	(0000-) Spring, Wir, 0.16d, Brush Retaining	1
▲	10	24299	(0000-) Bracket, Retainer, Spring	1
▲	11	01684	(0000-) Washer, Flat, 0.27b 0.69d .05, Ss	1
▲	12	32746	(0000-) Screw, Pan, Phl, M6 X 1.00 X 35, Ss	3

Fig. 3 – Main Frame Group

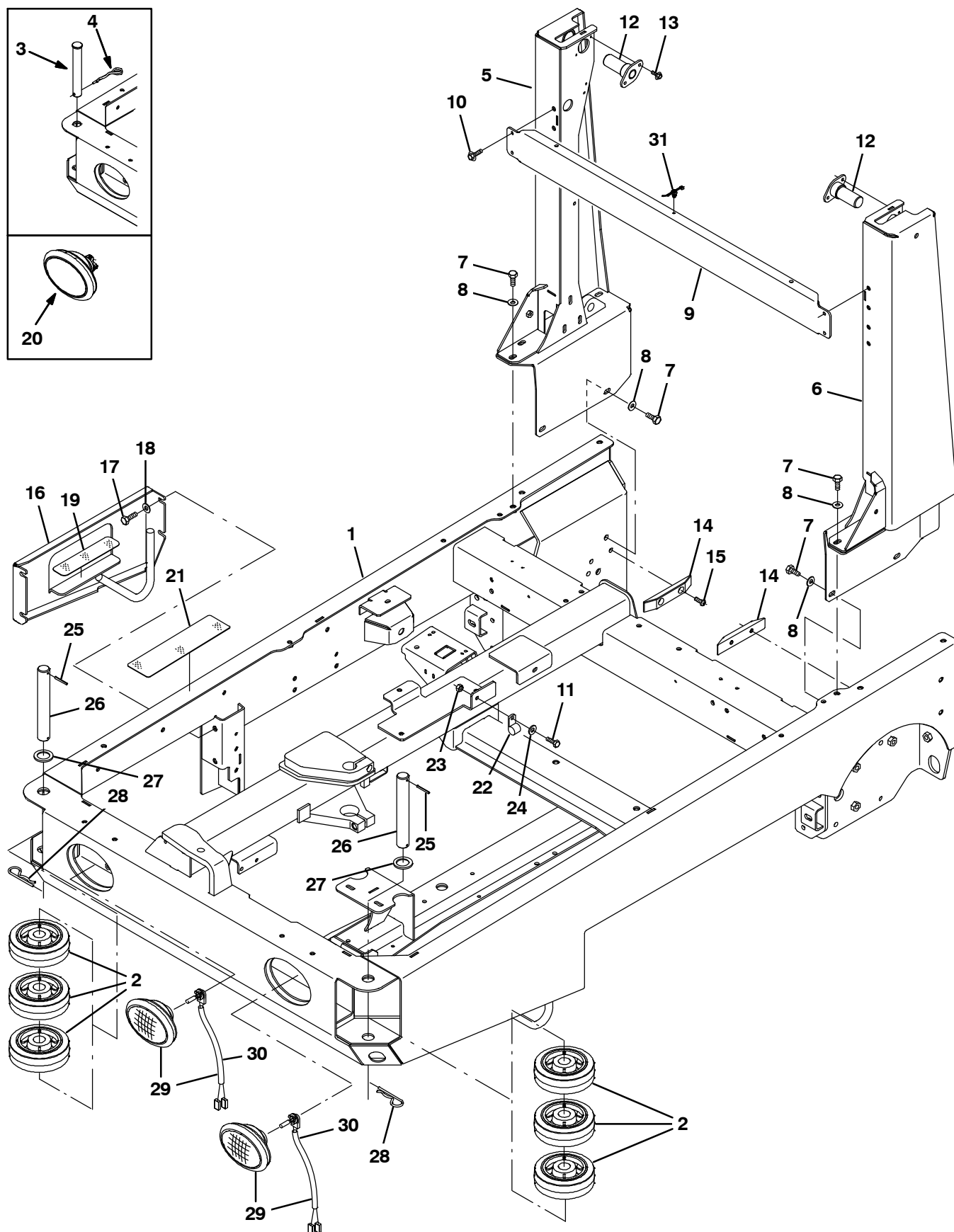


Fig. 3 – Main Frame Group

Ref.	Part No.	Serial Number	Description	Qty.	
1	9002401	(0000–	) Frame Wldt, Main, Replmt [m20 & T20]	1	
2	1060130	(0000–	) Wheel, 06.0D 2.00W 1.19B, Gray Rbr	6	
3	9006334	(0000–0206	) Pin Kit, Wheel, Ci [M20/T20/M30]	2	
4	761490	(0000–0206	) Pin, Cotter, Hair, Dbl	2	
5	9002400	(0000–	) Tower, Wldt, Lift, Rh, Replmt [M20]	1	
6	9002399	(0000–	) Tower, Wldt, Lift, Lh, Replmt [M20]	1	
7	39283	(0000–	) Screw, Hex, M10 X 1.5 X 25, 8.8	10	
8	32492	(0000–	) Washer, Flat, 0.38 Std	10	
9	1017791	(0000–	) Channel, Upper, Tower, Lift	1	
10	1037346	(0000–	) Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	4	
11	39277	(0004–	) Screw, Hex, M8 X 1.25 X 25, 8.8	1	
12	1019251	(0000–	) Pin Wldt, Pivot, Hppr	2	
13	74455	(0000–	) Screw, Hex, M6 X 1.0 X 12, Fmg	4	
14	1021327	(0000–	) Block, Guide, Hppr	2	
15	367771	(0000–	) Screw, Pan, M8 X 1.25 X 25, Ss	4	
16	1027916	(0000–	) Panel Wldt, Filler	1	
17	12317	(0000–	) Screw, Hex, M10 X 1.5 X 30, Ss	4	
18	01686	(0000–	) Washer, Flat, 0.44b 1.00d .08, Ss	4	
19	363458	(0000–	) Tread, Non–Skid, 01.9w 08.0l	1	
▽	20	1019225	(0000–0294) Headlight, 12vdc, 27watt, 2.1a, Oval (Rpl by 1060942)	2	
▲		1031826	(0000–0294) Lamp, 12vdc [Speaker]	1	
▲		1031827	(0000–0294) Receptacle, Lamp [Speaker]	1	
	21	58819	(0000–	) Tread, Non–Skid, 03.0w 11.6l	1
	22	53466	(0004–	) Clamp, Cable, Stl, 1.50d X 1.00w, 1hole	1
	23	08709	(0004–	) Nut, Hex, Lock, M8 X 1.25, NI	1
	24	32491	(0004–	) Washer, Flat, 0.31, Std	1
	25	23146	(0207–	) Pin, Roll, .187d X 1.62l, .187/.192	2
	26	1053838	(0207–	) Pin, 30mmd X 215mml	2
	27	1062566	(0207–	) Washer, Flat, 1.26B 1.88D .13, Stl, PI	2
	28	34411	(0207–	) Pin, Cotter, Hair, 1.00d .178 Wir	2
▽	29	1060942	(0295–	) Headlight, 12Vdc, Oval, Halogen	2
▲	30	9007513	(0295–	) Lamp, Halogen [Speaker]	1
	31	1210807	(0000–	) Wire, Tie [W/.25" Fir Tree Clip]	1

Fig. 4 – Operator Station Group

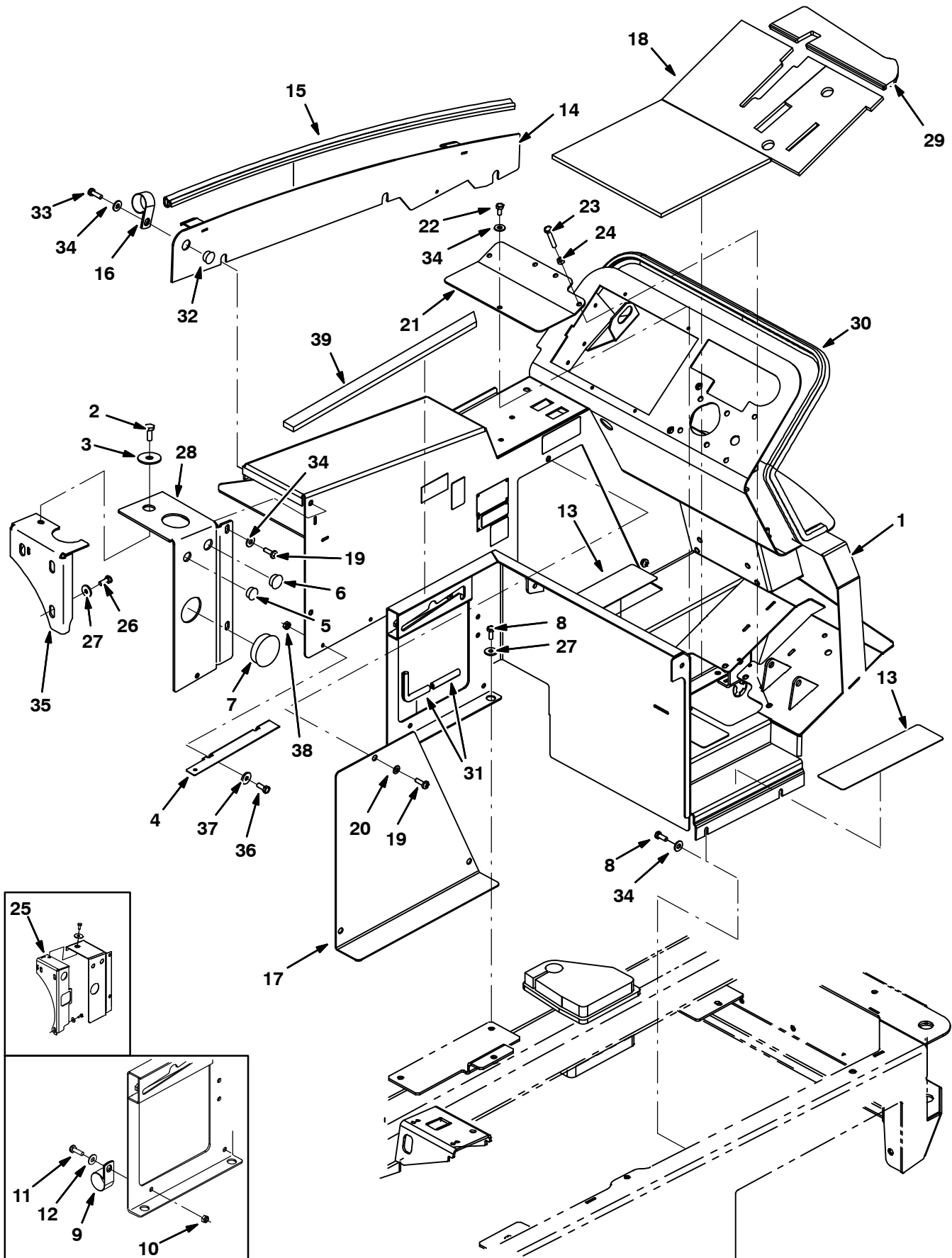


Fig. 4 – Operator Station Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9002410	(0000–	) Panel Wldt, Dsl, Replmt	1
1	9002382	(0000–	) Panel Wldt, Dsl, Replmt [W/Fast]	1
1	9002383	(0000–	) Panel Wldt, Dsl, W/ Es, Replmt	1
2	39283	(0000–	) Screw, Hex, M10 X 1.5 X 25, 8.8	1
3	04414	(0000–	) Washer, Flat, 0.53b 1.88d .12, Stl, Pl	1
4	1015223	(0000–	) Seal, Afmkt, Ure, Adh, 0.38, 0.75w 02ft	2
5	82727	(0000–	) Plug, Hole, Rnd, 0.88h .03–.12, Blk Nyl	1
6	01493	(0000–	) Plug, Hole, Rnd, 1.00h .03–.12, Blk Nyl	1
7	1030017	(0000–	) Plug, Hole, Rnd, 2.50h .03–.25, Blk Nyl	1
8	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	8
9	70157	(0000–0003	) Clamp, Cable, Ss, 2.50d X 1.00w, 1h	1
10	08709	(0000–0003	) Nut, Hex, Lock, M8 X 1.25, NI	2
11	39277	(0000–0003	) Screw, Hex, M8 X 1.25 X 25, 8.8	7
12	32491	(0000–0003	) Washer, Flat, 0.31, Std	18
13	58819	(0000–	) Tread, Non–Skid, 03.0w 11.6l	4
14	1025435	(0000–	) Panel Wldt, Adj	1
15	1030593	(0000–	) Seal, Afmkt, Bulb, 90, 0.75d F/11ga 08ft	1
16	53466	(0000–	) Clamp, Cable, Stl, 1.50d X 1.00w, 1h	5
17	1021834	(0000–	) Panel, Access, Door	1
18	1027218	(0000–	) Mat, Floor	1
19	1031665	(0000–	) Screw, Pan, M8 X 1.25 X 25, Blk	4
20	39349	(0000–	) Washer, Flat, 0.31 Sae	3
21	1022699	(0000–	) Panel, Access, Floor	1
22	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	4
23	363976	(0000–	) Screw, Hex, M8 X 1.25 X 60, 8.8, Fl	1
24	39311	(0000–	) Nut, Hex, Std, M8 X 1.25	1
25	1020540	(0000–0090	) Bracket Wldt, Panl, Mtg	1
26	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	3
27	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	5
28	1024231	(0000–	) Panel, Removable, Oprtr Station	1
29	1027267	(0000–	) Mat, Floor	1
30	1020904	(0000–	) Seal, Panl, Instmt	1
31	1020168	(0000–	) Molding, Afmkt, Trim, Pvc, .08 .11, 1ft	1
32	80288	(0044–	) Plug, Hole, Rnd, 0.81h, Blk	1
33	39277	(0000–	) Screw, Hex, M8 X 1.25 X 25, 8.8	6
34	32491	(0000–	) Washer, Flat, 0.31, Std	17
35	1035997	(0091–	) Bracket Wldt, Mtg, Tank	1
36	06942	(0000–	) Screw, Hex, M6 X 1.00 X 16, 8.8	2
37	32490	(0000–	) Washer, Flat, 0.25, Std	2
38	08708	(0000–	) Nut, Hex, Lock, M6 X 1.00, NI	2
39	1047295	(0000–	) Seal, Foam, 0.50	1

Fig. 5 – Operator Station Insulation Group

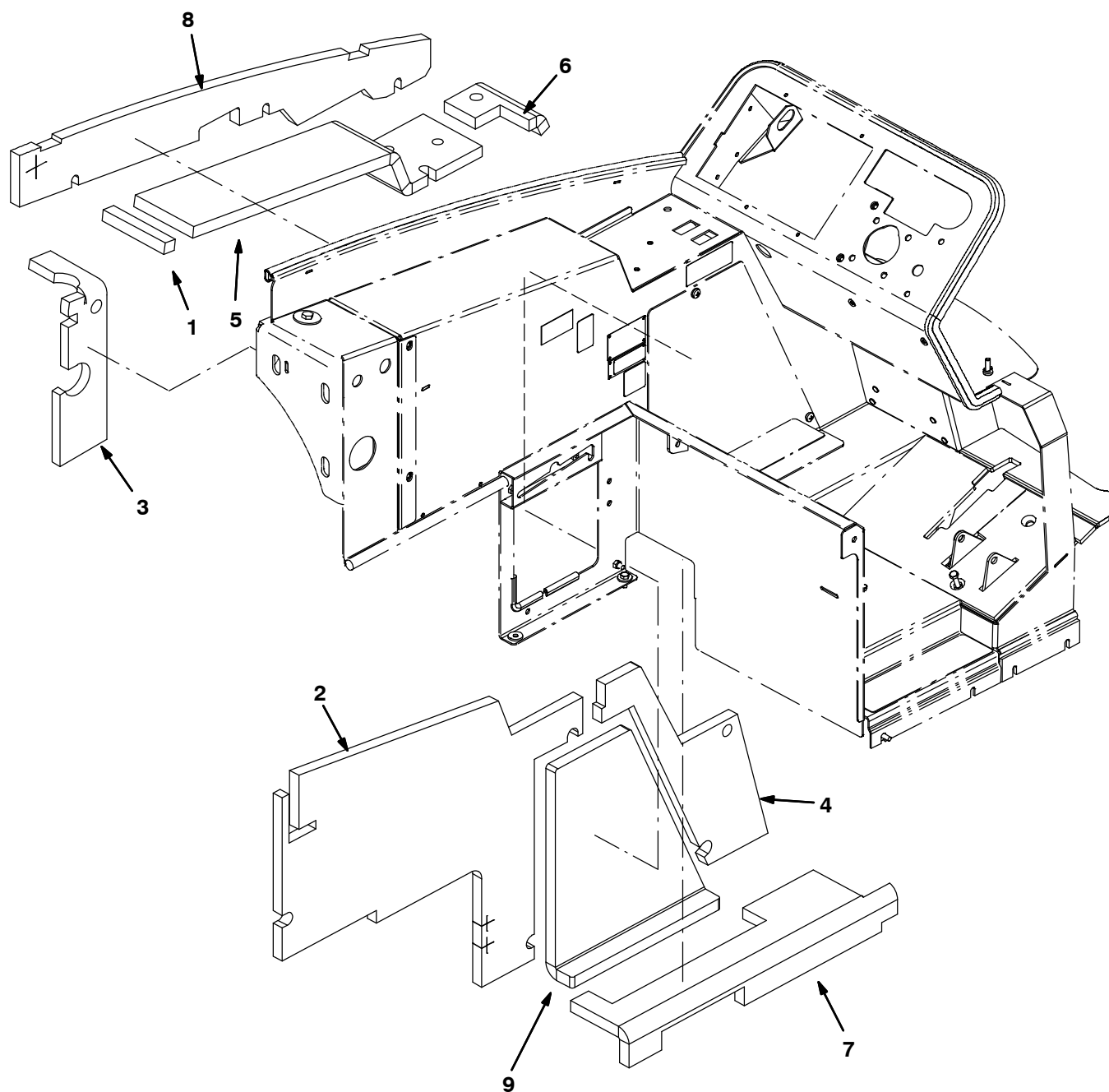


Fig. 5 – Operator Station Insulation Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1034769	(0000–	) Insulation, Flame-retardant, 0.75–0.88	1
2	1034765	(0000–	) Insulation, Flame-retardant, 0.75–0.88	1
3	1040841	(0000–	) Insulation, Flame-Retardant, 0.75–0.88	1
4	1023464	(0000–	) Insulation, Flame-Retardant, 0.75–0.88	1
5	1034764	(0000–	) Insulation, Flame-retardant, 0.75–0.88	1
6	1034766	(0000–	) Insulation, Flame-retardant, 0.75–0.88	1
7	1034768	(0000–	) Insulation, Flame-retardant, 0.75–0.88	1
8	1034770	(0000–	) Insulation, Flame-retardant, 0.75–0.88	1
9	1023569	(0000–	) Insulation, Flame-Retardant, 0.75–0.88	1

Fig. 6 – Instrument Panel Group, Diesel

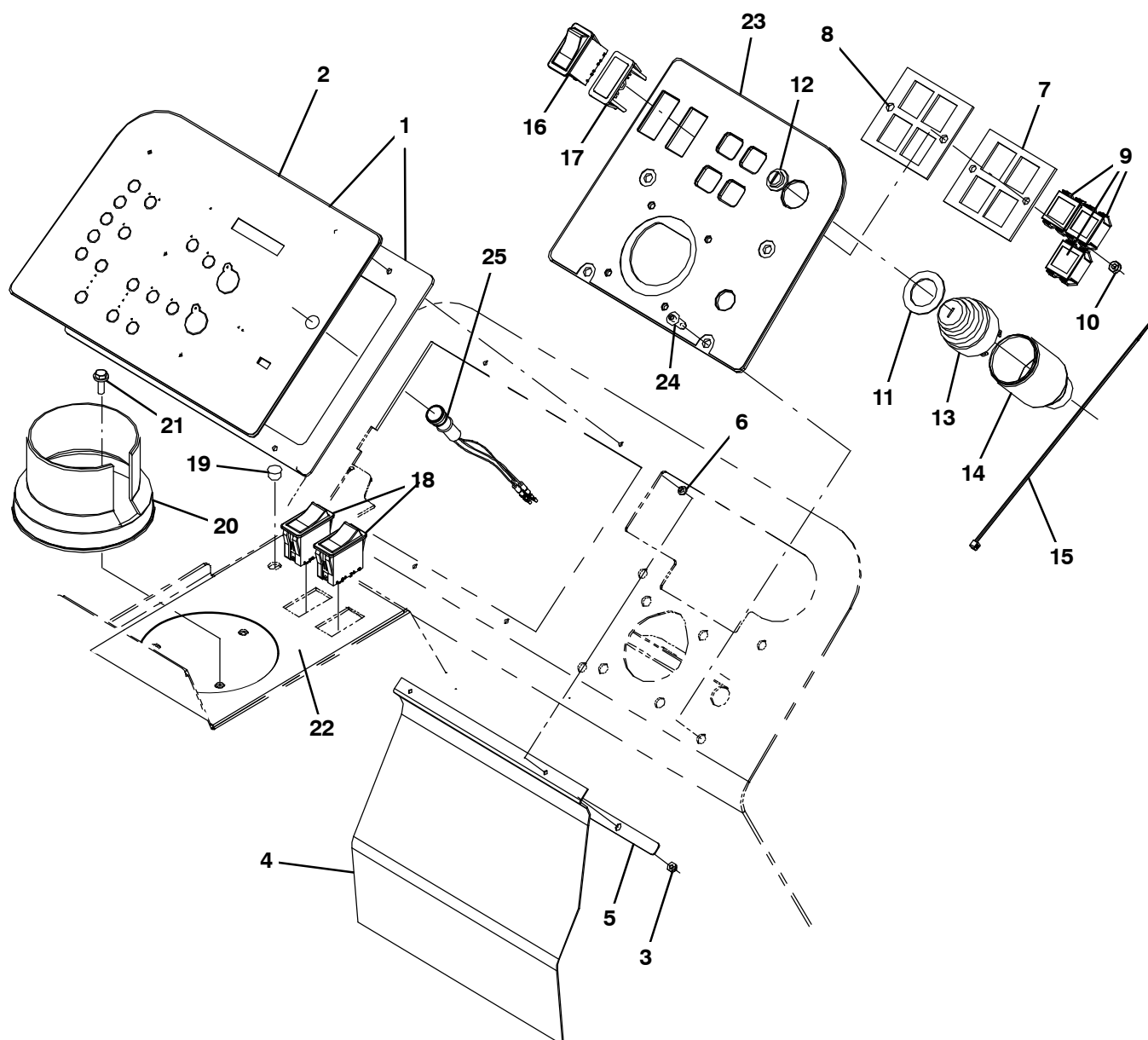


Fig. 6 – Instrument Panel Group, Diesel

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9003453	(0000–	) Panel Kit, Instmt, Repair [M20/M30]	1
▲	2	9002435	(0000–	) Label Kit, Panel, Replmt [M20]	1
▽	1	9007912	(0000–	) Panel, Kit, Instmt, Replmt [M20/M30 ec-H20 only]	1
▲	2	9007913	(0000–	) Label Kit, Panel, Replmt [M20/M30 ec-H20 only]	1
	3	16968	(0000–	) Nut, Hex, Lock, #08–32, NI	4
	4	1028769	(0000–	) Flap, Battery	1
	5	1028772	(0000–	) Bar, Flat, Ss, .06 X .50 X 10.0l 2/.19sl	1
	6	1029362	(0000–	) Washer, Shld, Nyl [8–32]	4
	7	361071	(0000–	) Plate, Mtg, Light	1
	8	361073	(0000–	) Seal, Rbr, Clsd, 0.13, Instmt Panl	1
	9	361075	(0000–	) Light, Panl, 14vdc, , 1.1 X 1.0	4
	10	08712	(0000–	) Nut, Hex, Lock, M6 X 1.0, Ss, NI	2
	11	73736	(0000–	) Washer, Flat, 1.15b 1.75d .08, Stl	1
	12	382516	(0000–	) Boot, .63id .29l .90w	1
▽	13	87536	(0000–	) Switch, Ignition [Ku]	1
▲		87866	(0000–	) Key, Ignition [Set Of 2]	1
	14	383165	(0000–	) Boot, Switch, Ignition	1
	15	49266	(0000–	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
	16	392171	(0000–	) Switch, Rocker, Dpdt On/Off/On	1
	17	398501	(0000–	) Plug, Hole, Rt, Rocker Switch, .87 X 1.7	1
	18	398508	(0000–	) Switch, Rocker, Dpdt Mom/Off/Mom	2
	19	56992	(0000–	) Plug, Hole, Rnd, 0.50h .03–.12, Blk Nyl	1
	20	223599	(0000–	) Cup Holder, Rwk	1
	21	1036892	(0000–	) Screw, Hex, M6 X 1.00 X 25, 9.8 Sems	3
	22	1024287	(0000–	) Label, Switch, Rocker [M20/M30]	1
	23	9004881	(0000–	) Panel, Instmt, Rh, Dsl, Replmt	1
	24	1031665	(0000–	) Screw, Pan, M8 X 1.25 X 25, Blk	4
	25	1041822	(0000–	) Light, Led, .312D, 2 Volt [Tri-Color] (ec-H20 only)	1

Fig. 7 – Seat Group

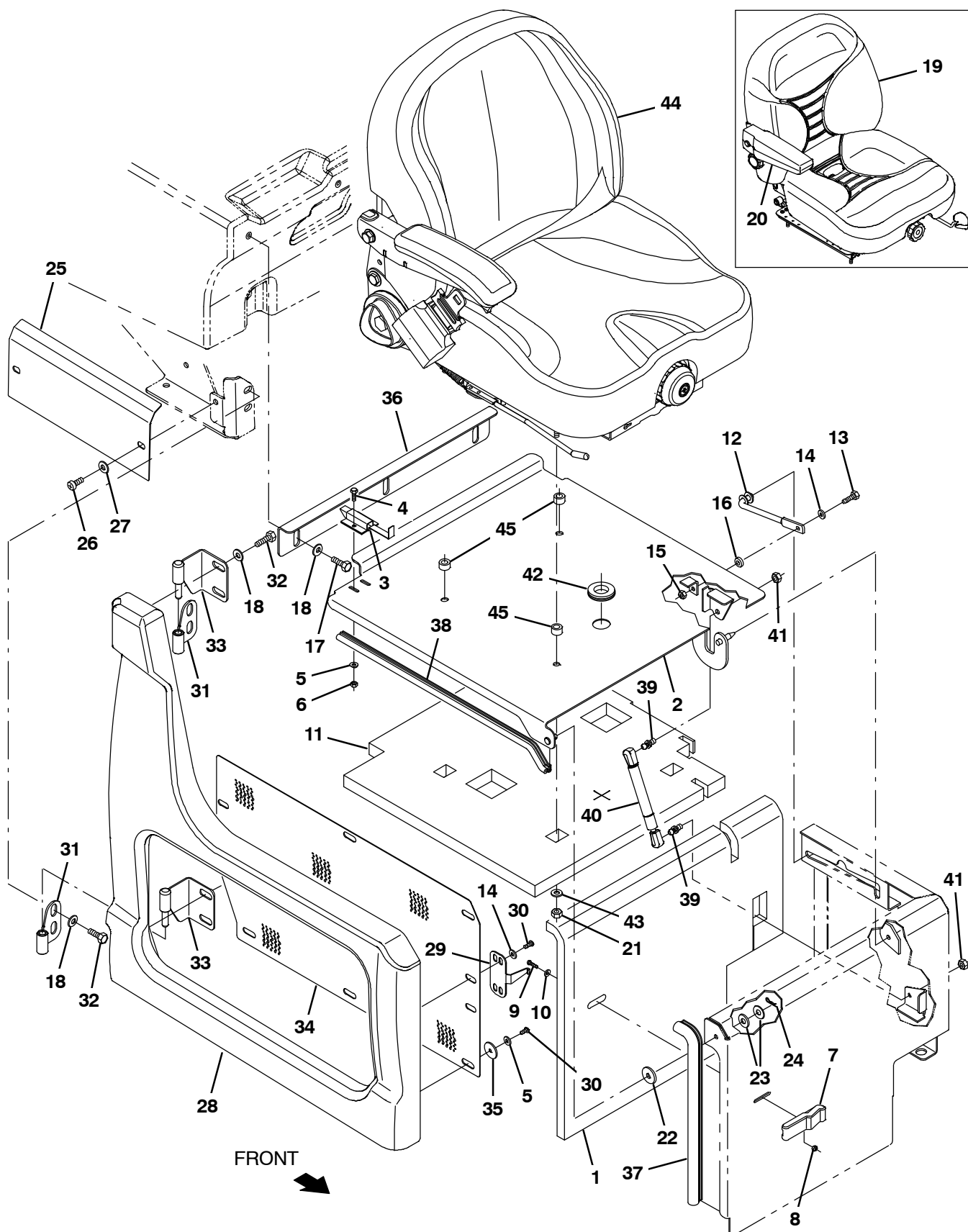


Fig. 7 – Seat Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1034767	(0000–	) Insulation, Flame–retardant, 0.75–0.88	1
2	1019228	(0000–	) Plate Wldt, Seat	1
3	1025736	(0000–	) Latch	1
4	09252	(0000–	) Screw, Hex, M5 X 0.8 X 20, 8.8	2
5	19066	(0000–	) Washer, Flat, #10	8
6	06549	(0000–	) Nut, Hex, Lock, M5 X 0.8, NI	2
7	49800	(0000–	) Latch	1
8	02850	(0000–	) Nut, Hex, Lock, M4 X 0.7, NI	4
9	06929	(0000–	) Screw, Pan, M4 X 0.7 X 25, 4.8	4
10	19065	(0000–	) Washer, Flat, #08	2
11	1023499	(0000–	) Insulation, Flame–Retardant, 1.0	1
12	223080	(0000–	) Arm Wldt, Safety, Sppt, Seat, .38d 06.5d	1
13	06943	(0000–	) Screw, Hex, M6 X 1.0 X 20, 8.8	1
14	32483	(0000–	) Washer, Flat, 0.25 Sae	9
15	08708	(0000–	) Nut, Hex, Lock, M6 X 1.0, NI	1
16	21851	(0000–	) Spacer, Plstc, Ny	1
17	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	3
18	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	11
▽ 19	1022105	(0000–0706	) Seat, Suspension, W/1 Arm And Belt	1
▲	1066893	(0000–0706	) Seatbelt, Retractable [Deluxe Seat]	1
▲	1048955	(0000–0706	) Switch, Seat, No [Delta 6440–04]	1
▲ 20	1072815	(0000–0706	) Armrest, Rh	1
21	32983	(0000–	) Nut, Hex, Lock, .31–18, NI	4
22	364749	(0000–	) Washer, Flat, 0.41b 1.25d .12, Pye	1
23	32492	(0000–	) Washer, Flat, 0.38 Std	2
24	08085	(0000–	) Pin, Cotter, Hair, 0.31d .058 Wir	1
25	1022005	(0000–	) Cover, Lower	1
26	1031665	(0000–	) Screw, Pan, M8 X 1.25 X 25, Blk	2
27	39349	(0000–	) Washer, Flat, 0.31 Sae	2
28	1018776	(0000–	) Shroud, Seat	1
29	1026825	(0000–	) Bracket, Latch, Shrd, Seat	1
30	09200	(0000–	) Screw, Pan, M5 X 0.8 X 12, Ss	8
31	1024464	(0000–	) Hinge Wldt, Shrd, Rh	2
32	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	8
33	1024425	(0000–	) Hinge Wldt, Shrd, Rh	2
34	1025916	(0000–	) Grill, Side	1
35	41178	(0000–	) Washer, Flat, 0.25 Fendr	6
36	1020487	(0000–	) Bracket, Seat, Adj	1
37	1030588	(0000–	) Seal, Afmkt, Bulb, 90, 0.75d F/11ga 02ft	1
38	1031206	(0000–	) Seal, Afmkt, Bulb, 90, 0.50d, 02ft	1
39	58494	(0000–	) Stud, Ball, .39d .31–16, Gasspring	2
40	368391	(0000–	) Gasspring, 180lb, 03.0strk	1
41	01760	(0000–	) Nut, Hex, Lock, .31–18, NI, Thin	2
42	10632–8	(0160–	) Grommet, Rbr, 0.75ld, F/1.3H, .12 Matl	1
43	32491	(0000–	) Washer, Flat, 0.31, Std	4
44	1072456	(0707–	) Seat (See Breakdowns)	1
45	32491	(0707–	) Washer, Flat, 0.31, Std	12

Fig. 8 – Steering Group

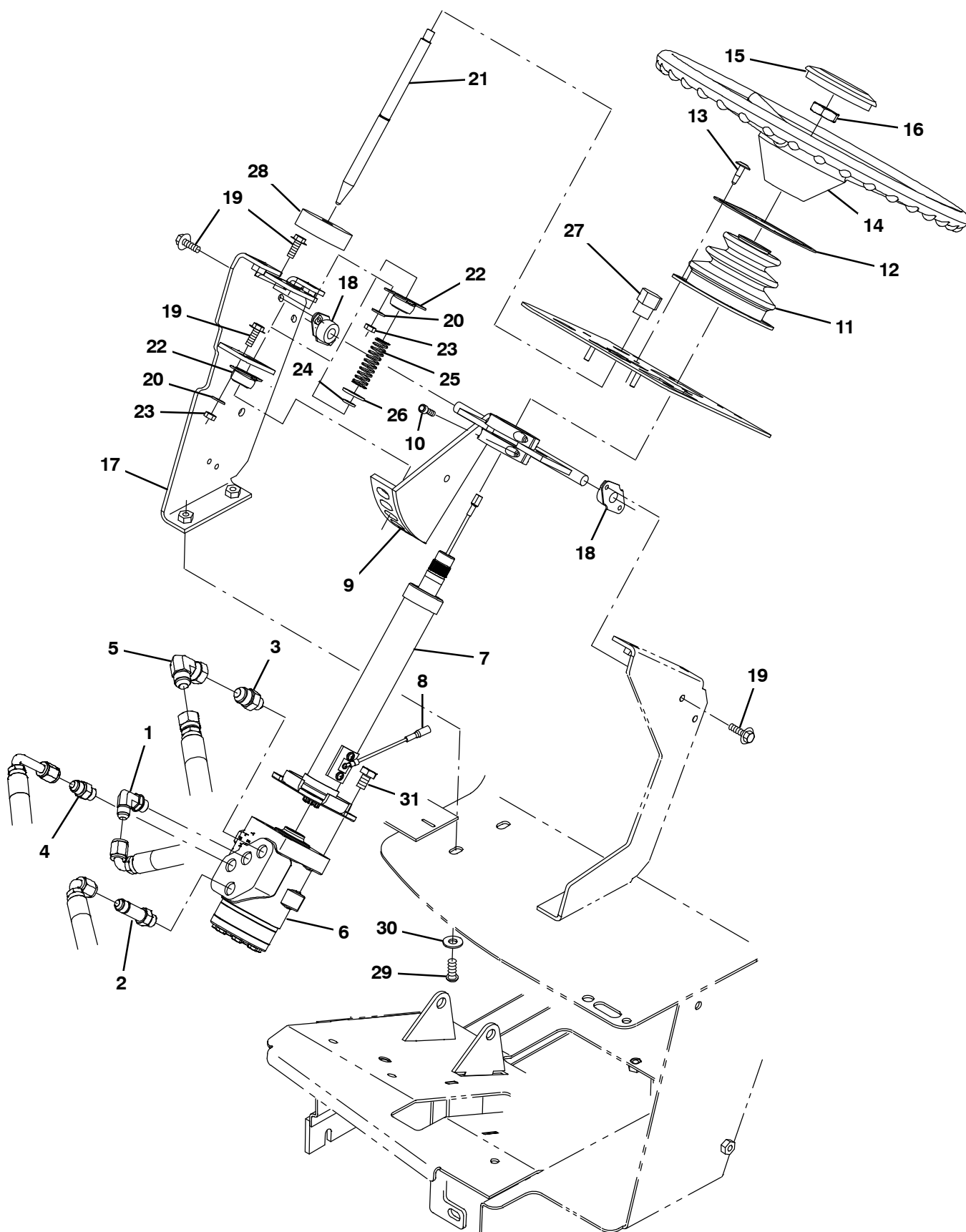


Fig. 8 – Steering Group

Ref.	Part No.	Serial Number	Description	Qty.
	1	56820	(0000–) Fitting, Hyd, E90, Jm06/Om06	1
	2	59577	(0000–) Fitting, Hyd, Str, Jm06/Om06, L	1
	3	56835	(0000–) Fitting, Hyd, Str, Jm08/Om06	1
	4	56690	(0000–) Fitting, Hyd, Str, Jm06/Om06	1
	5	17980	(0000–) Fitting, Hyd, E90, Jf08/Jm08	1
	6	1024260	(0000–) Steer–Control, Hyd#05, 06.1 2030 (See Breakdowns)	1
▽	7	1021265	(0000–) Column, Steering, 09.9L 0.86D 36Tooth	1
▲	8	388153	(0000–) Contact Kit, W/ Brush [En]	4
▽	9	73027	(0000–) Bracket Wldt, Steering, Tilt	1
▲	10	01681	(0000–) Screw, Soc, .25–20 X 0.75, Al	4
	11	70622	(0000–) Boot, Bellows, 3.1l 4.4w 2.8h 1hole, Neo	1
	12	70623	(0000–) Retainer, Boot, Steering Column	1
	13	72970	(0000–) Rivet, Plstc, .250d X 0.898	4
	14	1058996	(0000–) Wheel, Steering, 14.3d 0.81b 36tooth	1
	15	1024478	(0000–) Button, Cntrl, Horn	1
	16	56185	(0000–) Nut, Hex, Jam, M20 X 1.5	1
	17	1024695	(0000–) Bracket Wldt, Tilt, Rh	1
	18	70709	(0000–) Bearing, Flng, 2–Hole, 0.50b	2
	19	1040467	(0000–) Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	8
	20	32483	(0000–) Washer, Flat, 0.25 Sae	4
	21	1023926	(0000–) Pin, Locking, Steering, Tilt	1
	22	47585	(0000–) Bearing, Flng, 2hole, 0.50b [Nyl]	2
	23	08708	(0000–) Nut, Hex, Lock, M6 X 1.0, NI	4
	24	70717	(0000–) Ring, Retaining, Ext, 0.50d, Hd	1
	25	22290	(0000–) Spring, Cmpr, 18.8d, 1.6w, 57.1l	1
	26	32486	(0000–) Washer, Flat, 0.50 Sae	1
	27	04706	(0000–) Knob, Tee, 2.5x1.0 1.1l 0.38–16 Plstc	1
	28	75968	(0000–) Insulation, Acstc, Rnd, 0.8, 02.5d 0.5h	1
	29	1031665	(0000–) Screw, Pan, M8 X 1.25 X 25, Blk	2
	30	32491	(0000–) Washer, Flat, 0.31, Std	2
	31	06960	(0000–) Screw, Hex, M10 X 1.5 X 16, 8.8	4

Fig. 9 – Front Cover Group

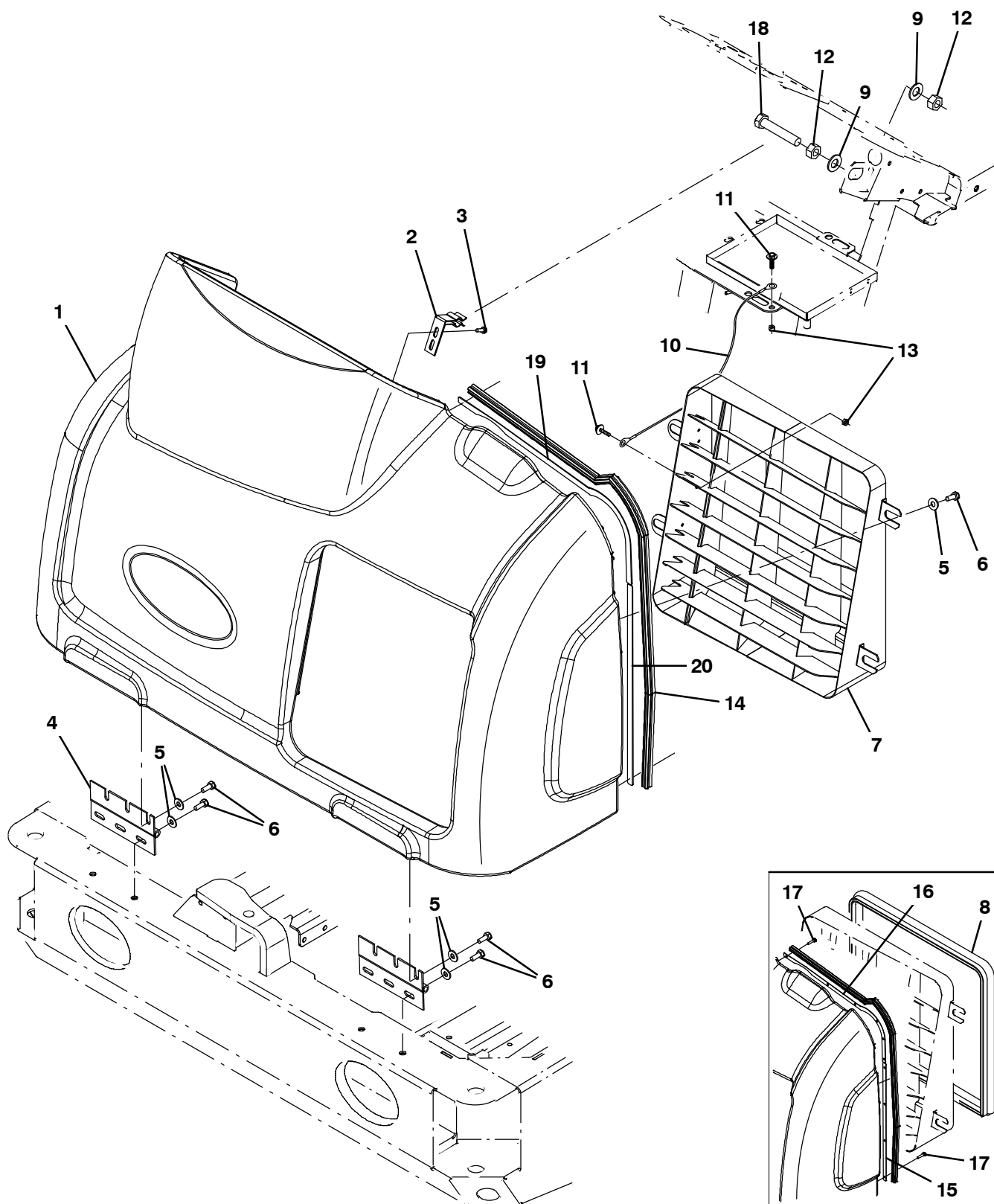


Fig. 9 – Front Cover Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1022069	(0000–	) Shroud, Front, Trimmed	1
2	1008916	(0000–	) Bracket Wldt, Latch	1
3	06942	(0000–	) Screw, Hex, M6 X 1.0 X 16, 8.8	2
4	71941	(0000–	) Hinge, .38pin .11 3.5w 06.0l 6/0.38sl	2
5	32491	(0000–	) Washer, Flat, 0.31, Std	14
6	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	14
7	1035068	(0000–0195	) Grill Wldt, Front	1
7	1046090	(0196–	) Grill Wldt, Front	1
8	1031557	(0000–xxxx	) Seal, Afmkt, Bulb, Str, 1.0d F/11ga 08ft	1
9	15331	(0000–	) Washer, Flat, 0.62 Sae	2
10	391368	(0000–	) Cable, Glv .09d 016.5l .38eye /.38eye	1
11	1040467	(0000–	) Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	2
12	07782	(0000–	) Nut, Hex, Std, M16 X 2.0	2
13	08708	(0000–	) Nut, Hex, Lock, M6 X 1.0, NI	2
14	1049919	(0000–	) Seal, Sponge, 0.88 1.00W 43.0L	1
15	1029652	(0000–0008	) Plate, Mtg, Seal	1
16	1029545	(0000–0008	) Plate, Mtg, Seal	1
17	20394	(0000–0008	) Screw, Hex, #10–16 X 0.62, Fmg, [Ab]	10
18	06988	(0000–	) Screw, Hex, M16 X 2.0 X 90, 8.8	1
19	1037970	(0009–	) Strip Mtg, Seal	1
20	1037971	(0009–	) Strip Mtg, Seal	1

Fig. 10 – Engine Cover Group

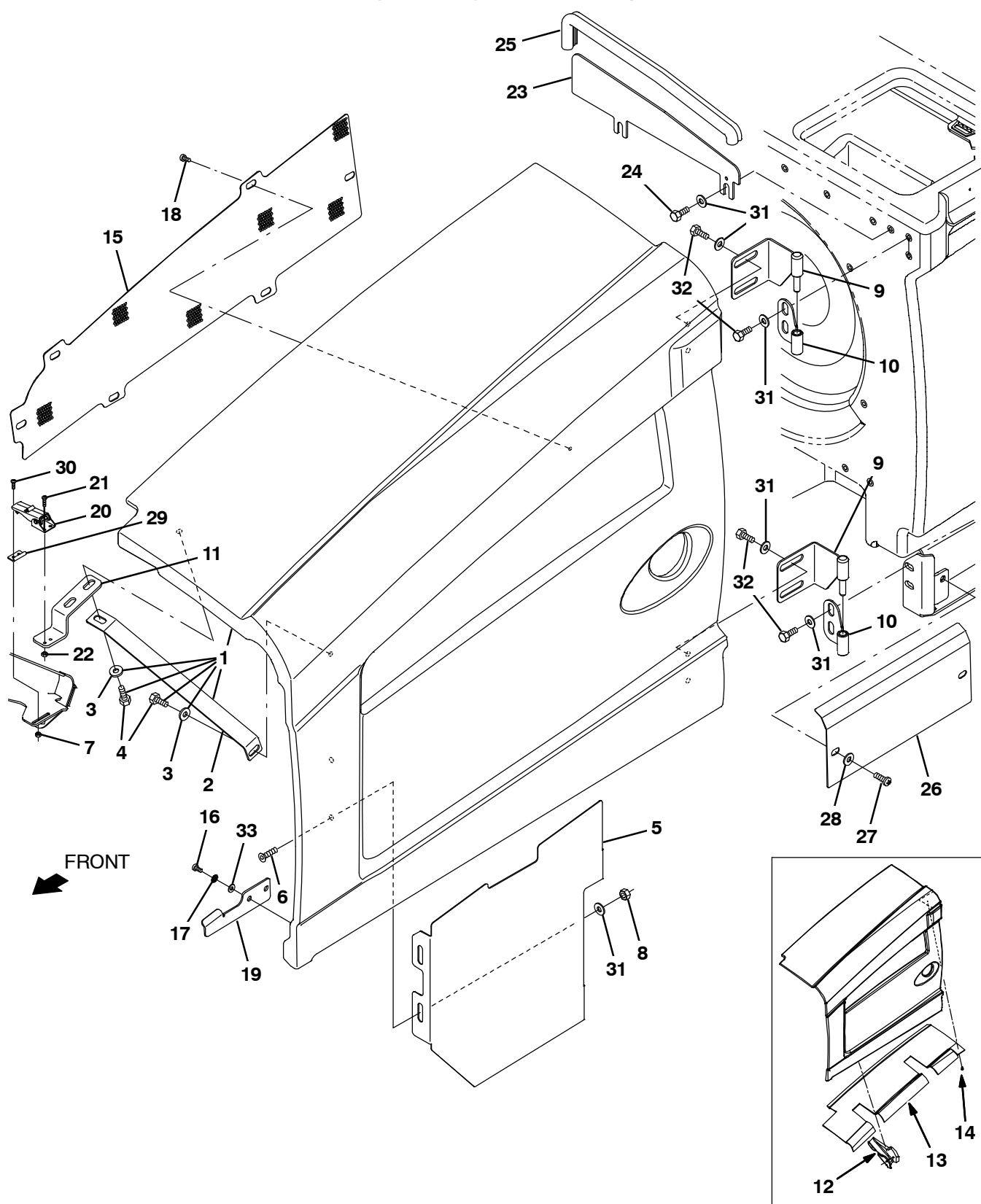


Fig. 10 – Engine Cover Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1033156	(0000–	) Shroud Assy, Eng	1
▲	2	1026628	(0000–	) Angle, Brace, Shrd	1
▲	3	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	2
▲	4	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	2
	5	1022004	(0000–	) Bracket, Shield, Heat	1
	6	74077	(0000–	) Screw, Flt, M8 X 1.25 X 25	4
	7	33932	(0000–	) Nut, Hex, Lock, M4 X 0.7, NI, Ss	2
	8	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	4
	9	1024500	(0000–	) Hinge Wldt, Shrd, Lh	2
	10	1025196	(0000–	) Hinge Wldt, Shrd, Lh	2
	11	1020186	(0000–	) Bracket, Latch, Cover	1
	12	1028516	(0000–0006	) Insulation, Shrd, Eng, Gusset	1
	13	1026665	(0000–0006	) Insulation, Flame–Retardant, 0.5	1
	14	21168	(0000–0006	) Clip, .250h, Plstc [Pine–Tree]	14
	15	1026726	(0000–	) Grill, Eng	1
	16	09200	(0000–	) Screw, Pan, M5 X 0.8 X 12, Ss	2
	17	19066	(0000–	) Washer, Flat, #10	2
	18	222267	(0000–	) Screw, Pan, Phl, 06–20 X 0.50, Fmg/Ab	6
	19	1028412	(0000–	) Bracket, Guide, Shrd	1
	20	384418	(0000–	) Latch, Door [Southco 91–562–07]	1
	21	06927	(0000–	) Screw, Pan, M4 X 0.7 X 16, 4.8	2
	22	02850	(0000–	) Nut, Hex, Lock, M4 X 0.7, NI	2
	23	1025806	(0000–	) Plate, Seal, Sound	1
	24	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	2
	25	1030588	(0000–	) Seal, Afmkt, Bulb, 90, 0.75d F/11ga 02ft	2
	26	1022005	(0000–	) Cover, Lower	1
	27	1031665	(0000–	) Screw, Pan, M8 X 1.25 X 25, Blk	2
	28	39349	(0000–	) Washer, Flat, 0.31 Sae	2
	29	384419	(0000–	) Bracket, Latch, Keeper [Southco]	1
	30	24265	(0000–	) Screw, Pan, M4 X 0.7 X 16, Ss	2
	31	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	15
	32	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	7
	33	41139	(0000–	) Washer, Lock, Int–Ext, 10	2

Fig. 11 – Engine and Mount Group, Diesel

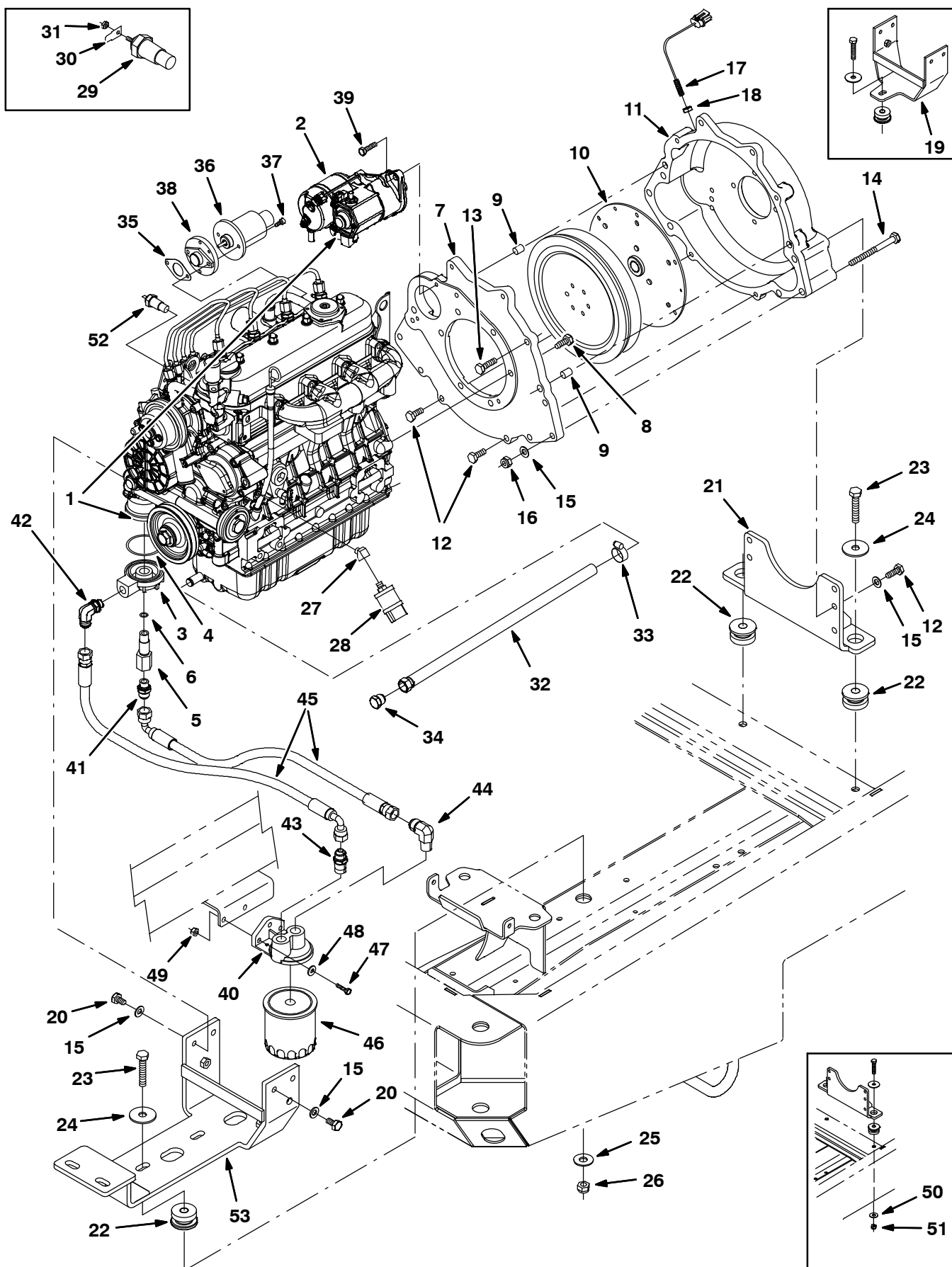


Fig. 11 – Engine and Mount Group, Diesel

Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1040096	(0197–) Engine Assy, Dsl, 37Hp [Ku V1505] (See Engine Breakdown)	1
▲	2	74405	(0197–) Motor, Starter, 12vdc [Kubota] (See Engine Breakdown)	1
▽	1	1027591	(0000–0196) Engine Assy, Dsl, 37hp [Ku] (See Engine Breakdown)	1
▲	2	74405	(0000–0196) Motor, Starter, 12vdc [Kubota] (See Engine Breakdown)	1
	3	368056	(0000–) Base, Fltr, Oil [Ku]	1
	4	70907	(0000–) Seal, Org	1
	5	368059	(0000–) Pipe, Fltr, Oil [Ku]	1
	6	70911	(0000–) Seal, Org	1
	7	55837	(0000–) Housing, Flywheel, Mach [1505, Kubo]	1
	8	07299	(0000–) Screw, Hex, M10 X 1.25 X 25, 8.8	6
	9	54911–16	(0000–) Pin, Dowel, Cyl Block [1pk=4]	2
	10	19252	(0000–) Coupling, Drive, Flex, 09.5d / 13tooth	1
	11	58566	(0000–) Housing, Flywheel, Mach [1505, Kubo]	1
	12	39283	(0000–) Screw, Hex, M10 X 1.5 X 25, 8.8	6
	13	39284	(0000–) Screw, Hex, M10 X 1.5 X 35, 8.8	2
	14	06966	(0000–) Screw, Hex, M10 X 1.5 X 110, 8.8	5
	15	32485	(0000–) Washer, Flat, 0.38, Sae	13
	16	41430	(0000–) Nut, Hex, Lock, M10 X 1.5, NI	5
	17	380521	(0000–) Magnet, Pickup	1
	18	20171	(0000–) Nut, Hex, Jam, .38–24	1
	19	1023282	(0000–0195) Bracket Wldt, Mtg, Eng, Front, Dsl	1
	20	07299	(0000–) Screw, Hex, M10 X 1.25 X 25, 8.8	4
	21	1023074	(0000–) Bracket Wldt, Mtg, Eng, Rear, Dsl	1
	22	51176	(0000–) Isolator, Vib, .50d	3
	23	06972	(0000–) Screw, Hex, M12 X 1.75 X 60, 8.8	3
	24	04414	(0000–) Washer, Flat, 0.53b 1.88d .12, Stl, PI	3
	25	32493	(0000–) Washer, Flat, 0.50, Std	1
	26	08711	(0000–) Nut, Hex, Lock, M12 X 1.75, NI	1
	27	24976	(0000–) Fitting, Brs, E45, Pf02/Pm02	1
	28	79399	(0000–) Switch, Press, Dpdt 0006psi	1
	29	9005795	(0000–xxxx) Instr, Switch, Replmt, Thermostat, Eng	1
	30	68106	(0000–xxxx) Terminal, Tab, .25 .19h .84l	1
	31	19310	(0000–xxxx) Nut, Hex, Std, #08–32	1
	32	1027273	(0000–) Hose, 0300, 08, Jf08str / None, 19.0	1
	33	63810	(0000–) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	1
	34	16376	(0000–) Fitting, Hyd, Plug, Jm08	1
	35	70165	(0000–) Gasket, Solenoid, Throttle [Ku]	1
	36	71385	(0000–) Actuator, Govnr, Dsl	1
	37	71388	(0000–) Screw, Soc, M6 X 1.00 X 16, 12.9	4
	38	393401	(0000–) Adapter, Actuator, Govnr, Eng, Dsl	1
	39	76570	(0000–) Screw, Hex, M8 X 1.25 X 30, 8.8	2
	40	364972	(0000–) Bracket, Mtg, Fltr, Oil, Remote	1
	41	367591	(0000–) Fitting, Hyd, Str, Spcl	1
	42	33595	(0000–) Fitting, Hyd, E90, Jm08/Om16 Metric	1
	43	15687	(0000–) Fitting, Hyd, Str, Jm08/Pm08	1
	44	51869	(0000–) Fitting, Hyd, E90, Jm08/Pm08	1
	45	59578	(0000–) Hose, Hyd, Med08, Jf08e90/Jf08str, 032.0	2
	46	39703–2	(0000–) Element, Fltr, Oil, Spin–On	1
	47	39277	(0000–) Screw, Hex, M8 X 1.25 X 25, 8.8	2
	48	32491	(0000–) Washer, Flat, 0.31, Std	2
	49	08709	(0000–) Nut, Hex, Lock, M8 X 1.25, NI	2
	50	32493	(0000–0003) Washer, Flat, 0.50, Std	2
	51	08711	(0000–0003) Nut, Hex, Lock, M12 X 1.75, NI	3
	52	1050757	(xxxx–) Switch, Thermostat, Water	1
	53	1046810	(0197–) Bracket Wldt, Mtg, Eng, Front, Dsl	1

Fig. 12 – Engine Fuel Tank Group, Diesel

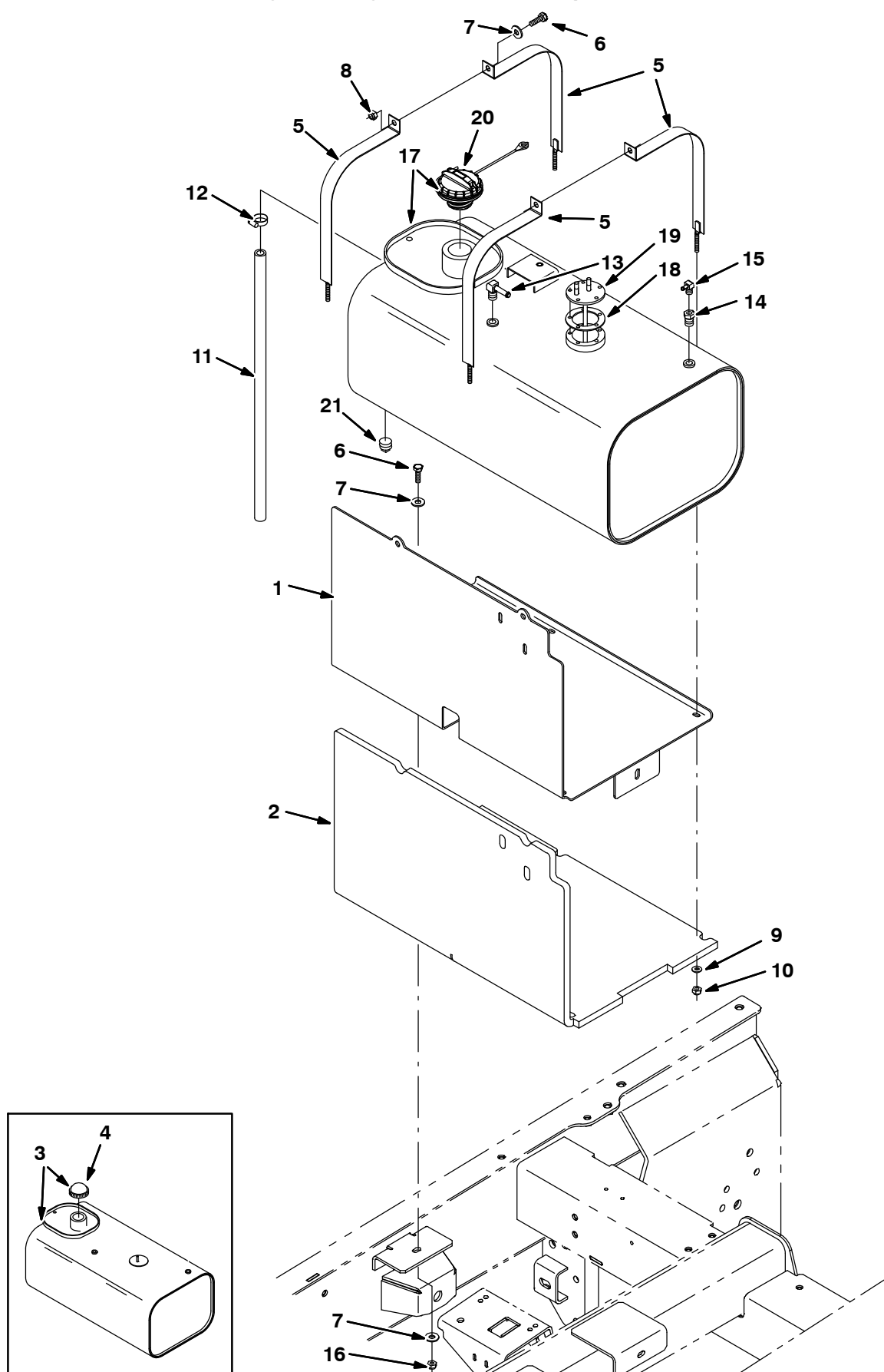


Fig. 12 – Engine Fuel Tank Group, Diesel

	Ref.	Part No.	Serial Number	Description	Qty.
	1	1026550	(0000–	) Tray Wldt, Fuel	1
	2	1026759	(0000–	) Insulation, Flame–Retardant, 0.5	1
▽	3	9002396	(0000–0043	) Tank, Fuel, 11.2gal, Dsl, Replmt	1
▲	4	48267	(0000–0043	) Cap, Tank, Fuel, 2.3neck 2.6d	1
▲		1039521	(0000–0043	) Send–Unit, Fuel	1
	5	1025229	(0000–	) Strap, Tank, Gas	4
	6	39277	(0000–	) Screw, Hex, M8 X 1.25 X 25, 8.8	4
	7	32491	(0000–	) Washer, Flat, 0.31, Std	8
	8	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	2
	9	32483	(0000–	) Washer, Flat, 0.25, Sae	4
	10	32981	(0000–	) Nut, Hex, Lock, .25–20, NI	4
	11	1023482	(0000–	) Hose, Fuel, 0.50id 21.0l	1
	12	54333	(0000–	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	1
	13	9000355	(0000–	) Fitting, Brs, E90, Em05/Pm04	1
	14	17414	(0000–	) Fitting, Hyd, Str, Pf02/Pm04	1
	15	32183	(0000–	) Fitting, Brs, E90, Pm02/Bm03	1
	16	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	4
▽	17	9003611	(0044–xxxx	) Tank, Fuel, 11.2gal, Dsl, Replmt [2007]	1
▲	18	1033897	(0044–xxxx	) Gasket, Sender, Fuel	1
▲	19	1033901	(0044–xxxx	) Send–Unit, Fuel [2007]	1
▲	20	1032812	(0044–xxxx	) Cap, Fuel, Tank	1
▲	21	48126	(0044–xxxx	) Fitting, Pipe, Plug, Pm02, Sq Head	1
▽	17	9003939	(xxxx–	) Tank, Fuel, 11.2gal, Dsl, Replmt, Ce[08]	1
▲	18	1033897	(xxxx–	) Gasket, Sender, Fuel	1
▲	19	1033901	(xxxx–	) Send–Unit, Fuel [2007]	1
▲	20	1032812	(xxxx–	) Cap, Fuel, Tank	1
▲	21	48126	(xxxx–	) Fitting, Pipe, Plug, Pm02, Sq Head	1

Fig. 13 – Engine Fuel Line Group, Diesel

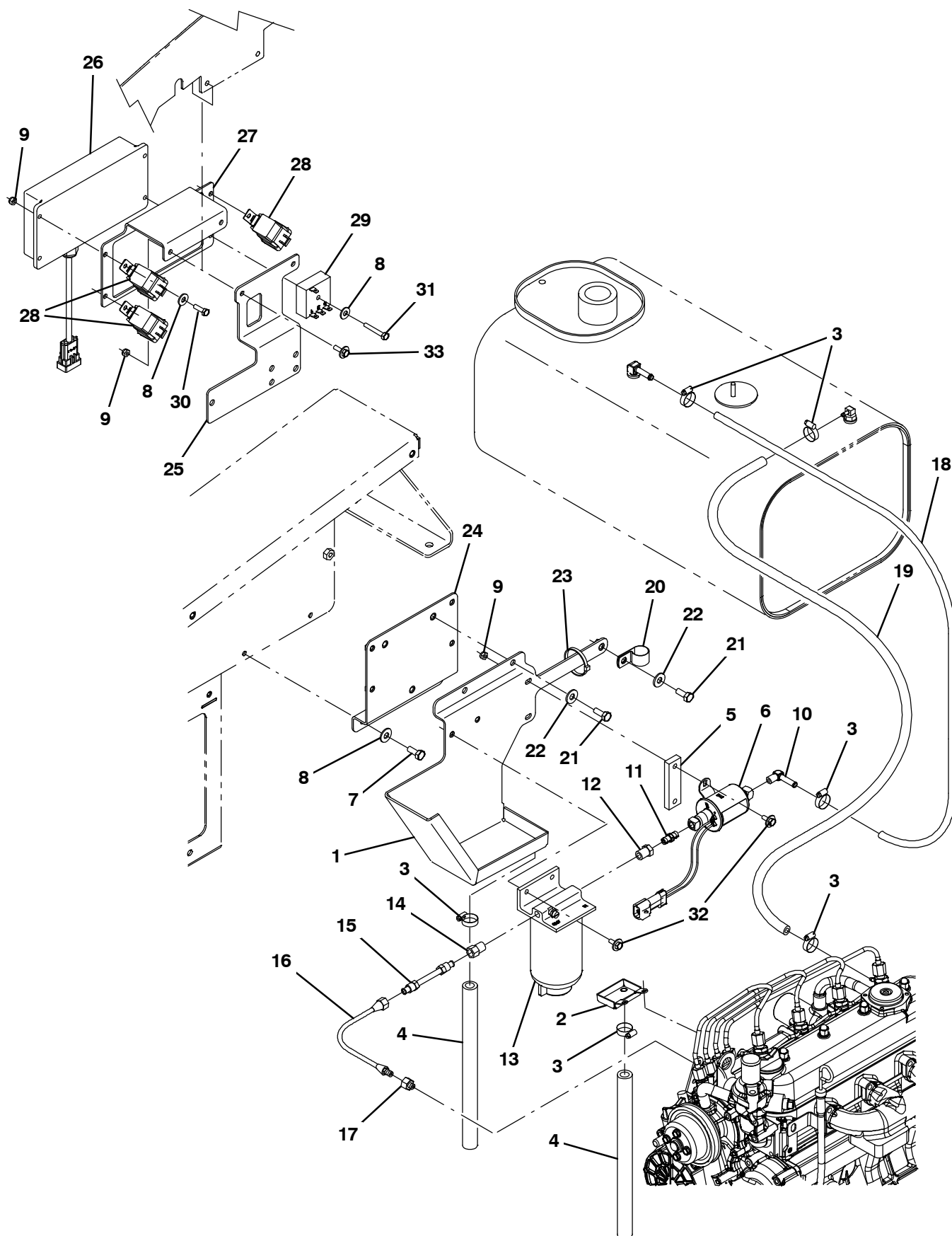


Fig. 13 – Engine Fuel Line Group, Diesel

Ref.	Part No.	Serial Number	Description	Qty.
1	1032512	(0000–	) Tray Wldt, Drip, Dsl	1
2	1032424	(0000–	) Tray Wldt, Drip, Fuel	1
3	54333	(0000–	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	6
4	1006416	(0000–	) Hose, Afmkt, Pvc, Clr 0.38id 03ft	1
5	364779	(0000–	) Bar, Flat, Stl 0.38, 01.00 X 03.3l	1
6	59015	(0000–	) Pump, Fuel	1
7	06942	(0000–	) Screw, Hex, M6 X 1.0 X 16, 8.8	2
8	32490	(0000–	) Washer, Flat, 0.25, Std	6
9	08708	(0000–	) Nut, Hex, Lock, M6 X 1.00, NI	10
10	53029	(0000–	) Fitting, Brs, E90, Em05/Pm02	1
11	47566	(0000–	) Fitting, Hyd, Str, Pm02/Pm02	1
12	17414	(0000–	) Fitting, Hyd, Str, Pf02/Pm04	1
▽ 13	1016827	(0000–	) Filter Assy, Fuel, Dsl	1
▲ 13	1017126	(0000–	) Element, Fltr, Fuel [Dn]	1
14	78043	(0000–	) Fitting, Brs, Str, lf05/Pm04	1
15	1024380	(0000–	) Fuelline, .31d 04.0l 05if/05if, Stl	1
16	70173	(0000–	) Hose, 0050, 04, lf05str / lm05str, 10.0	1
17	365066	(0000–	) Fitting, Hyd, Str, Metric, Om10/lf05	1
18	87738	(0000–	) Hose, Fuel, 0.18id 29.0l	1
19	365190	(0000–	) Hose, Fuel, 0.31id 22.0l	1
20	69234	(0000–	) Clamp, Cable, Stl, 1.00d X 0.75w, 1h	1
21	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	2
22	32491	(0000–	) Washer, Flat, 0.31, Std	3
23	49266	(0000–	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
24	1029082	(0000–	) Bracket, Mtg, Ecu [M20/T20 2007]	1
25	1059488	(0000–	) Bracket, Mtg, Coolant, Tank, Dsl [2010]	1
26	1040835	(0000–	) Control, Govnr [All Purpose]	1
27	1027922	(0000–	) Bracket, Mtg, Govnr Control, Dsl	1
28	56186	(0000–	) Relay, 12vdc, 40a, Spdt N/O	3
29	379656	(0000–	) Timer, 12vdc, 10 Sec	1
30	06943	(0000–	) Screw, Hex, M6 X 1.0 X 20, 8.8	3
31	06947	(0000–	) Screw, Hex, M6 X 1.0 X 40, 8.8	1
32	1040467	(0000–	) Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	4
33	1036892	(0000–	) Screw, Hex, M6 X 1.00 X 25, 9.8, Sems	2

Fig. 14 – Engine Air Cleaner Group, Diesel

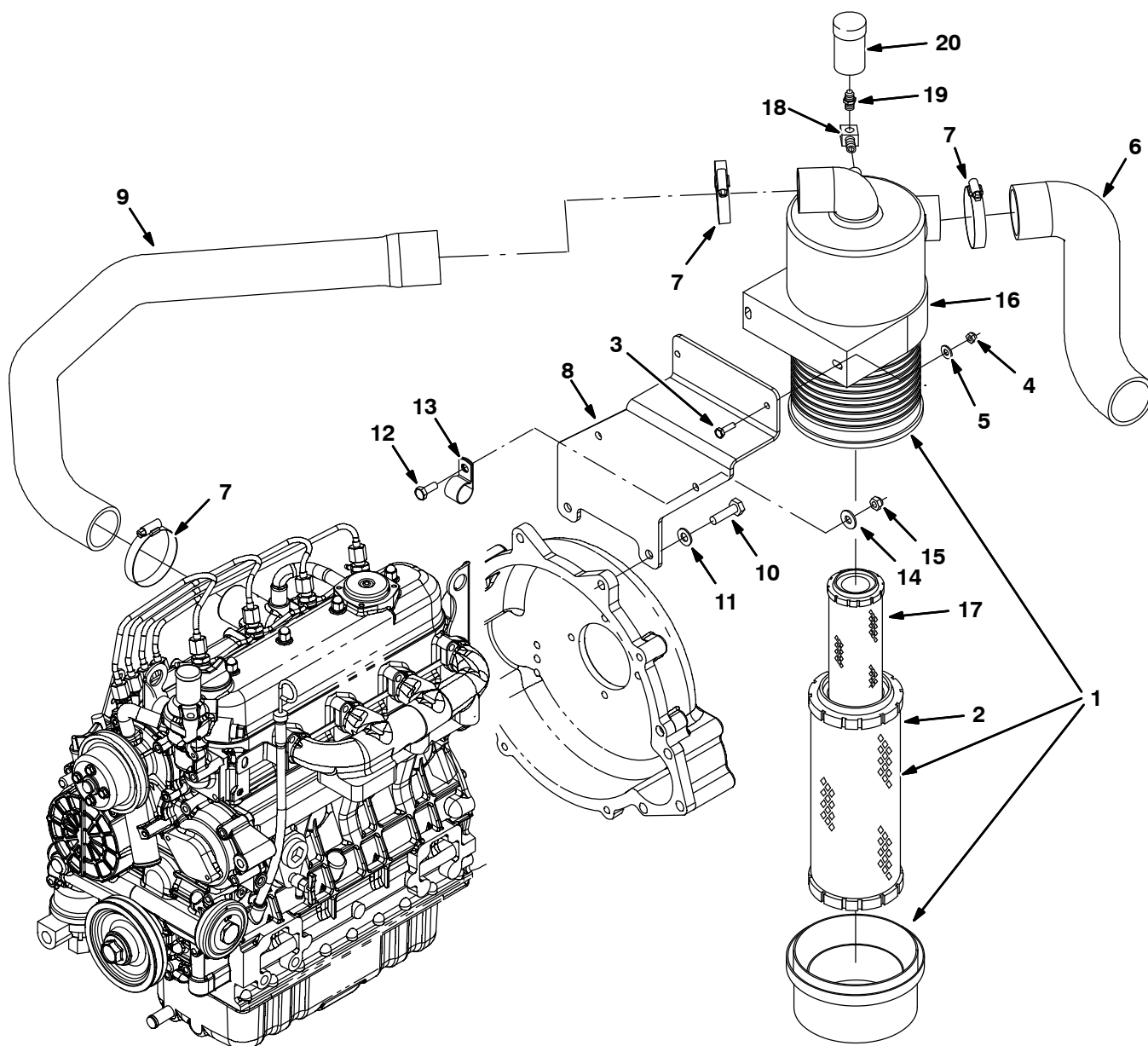


Fig. 14 – Engine Air Cleaner Group, Diesel

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	369745	(0000–	) Filter Assy, Air	1
▲	2	369746	(0000–	) Element, Fltr, Air [Dn]	1
	3	06943	(0000–	) Screw, Hex, M6 X 1.0 X 20, 8.8	2
	4	08708	(0000–	) Nut, Hex, Lock, M6 X 1.00, NI	2
	5	32483	(0000–	) Washer, Flat, 0.25, Sae	2
	6	1020949	(0000–	) Hose, Intake, Mold, 2.00id [Epdm]	1
	7	14432	(0000–	) Clamp, Hose, Wormdrive, 1.81–2.75d, .50w	3
	8	1024772	(0000–	) Bracket, Mtg, Air Fltr, Dsl	1
	9	1023892	(0000–	) Hose, Intake, Mold, 1.75id 1.75id Dsl	1
	10	39284	(0000–	) Screw, Hex, M10 X 1.5 X 35, 8.8	2
	11	32485	(0000–	) Washer, Flat, 0.38, Sae	2
	12	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	1
	13	69234	(0000–	) Clamp, Cable, Stl, 1.00d X 0.75w, 1h	1
	14	01685	(0000–	) Washer, Flat, 0.31, Ss	1
	15	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	1
	16	369747	(0000–	) Clamp, Mtg, Fltr, Air	1
	17	398279	(0000–	) Element, Fltr, Air, Safety (Option)	1
	18	11984	(0000–	) Fitting, Pipe, E90, Pf02/Pm02	1
	19	51560–5	(0000–	) Fitting, Brs, Str, Pm02, Service	1
	20	03026	(0000–	) Indicator, Service, Fltr, Air [20h20 Dn]	1

Fig. 15 – Engine Alternator Group, Diesel (0000-0196)

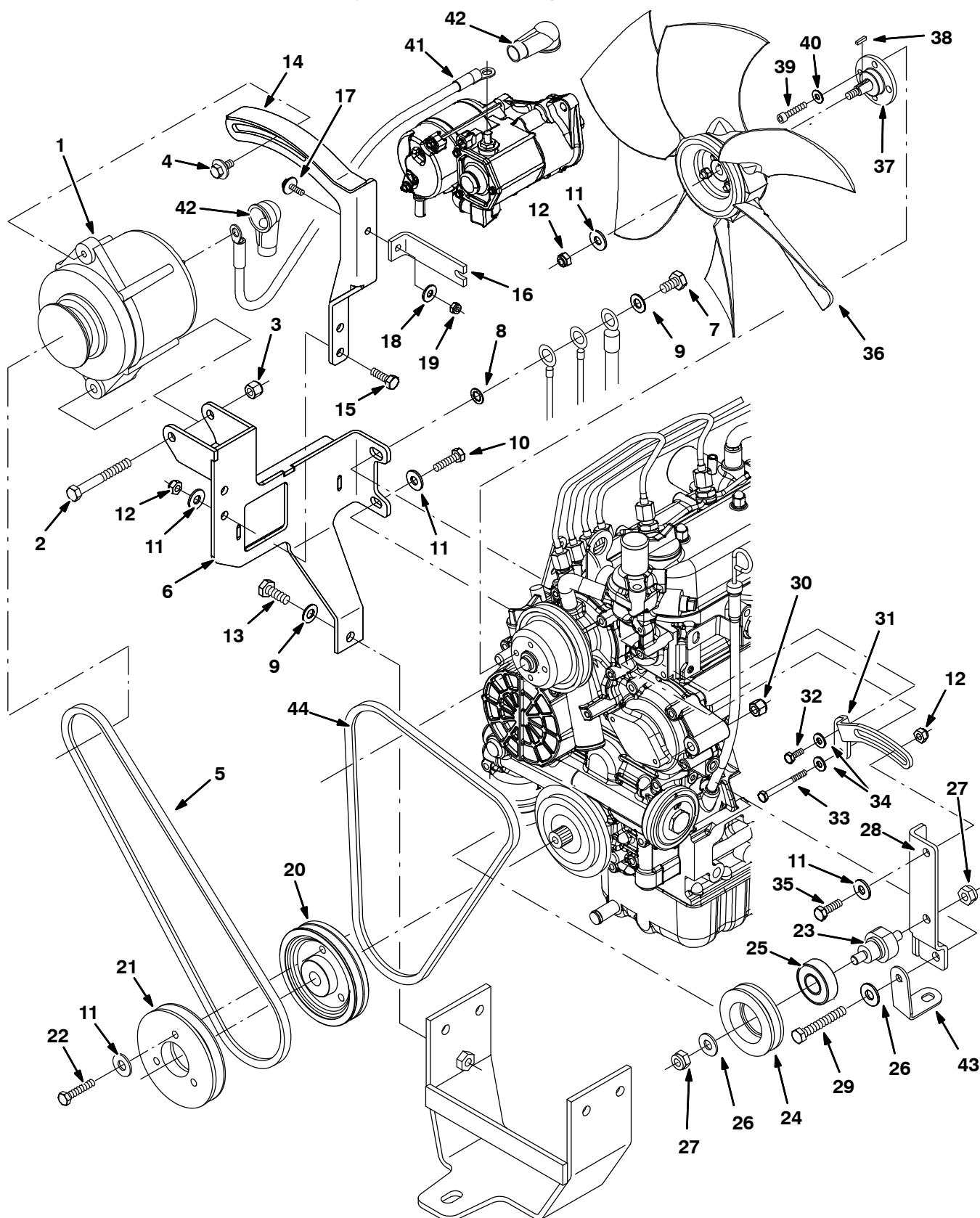


Fig. 15 – Engine Alternator Group, Diesel (0000–0196)

Ref.	Part No.	Serial Number	Description	Qty.
1	392611	(0000–0196	) Alternator, 12vdc, 075a [Valeo]	1
2	35707	(0000–0196	) Screw, Hex, .38–16 X 3.00, G5	1
3	59156	(0000–0196	) Nut, Hex, Lock, .38–16, NI, Ss	1
4	16953	(0000–0196	) Screw, Hex, .31–18 X 0.75, Sems	1
5	1023911	(0000–0196	) Belt, V, 37.5l [3v]	1
6	1023943	(0000–0196	) Bracket Wldt, Mtg, Alternator, Dsl	1
7	33612	(0000–0196	) Screw, Hex, M10 X 1.25 X 35, 8.8	1
8	32988	(0000–0196	) Washer, Lock, Int, 0.38	1
9	32485	(0000–0196	) Washer, Flat, 0.38, Sae	2
10	76570	(0000–0196	) Screw, Hex, M8 X 1.25 X 30, 8.8	1
11	32491	(0000–0196	) Washer, Flat, 0.31, Std	7
12	08709	(0000–0196	) Nut, Hex, Lock, M8 X 1.25, NI	3
13	39283	(0000–0196	) Screw, Hex, M10 X 1.5 X 25, 8.8	1
14	1028667	(0000–0196	) Arm Wldt, Alternator, Dsl	1
15	39277	(0000–0196	) Screw, Hex, M8 X 1.25 X 25, 8.8	2
16	1028420	(0000–0196	) Bracket, Sppt, Alternator, Dsl	1
17	06943	(0000–0196	) Screw, Hex, M6 X 1.0 X 20, 8.8	1
18	32490	(0000–0196	) Washer, Flat, 0.25, Std	1
19	08708	(0000–0196	) Nut, Hex, Lock, M6 X 1.00, NI	1
20	393371	(0000–0196	) Sheave, 01grv, Rwk 393400 [3v]	1
21	393370	(0000–0196	) Sheave, 01grv, 04.1pd 1.6b [XI]	1
22	76957	(0000–0196	) Screw, Hex, .31–18 X 1.50, G5	3
23	1024213	(0000–0196	) Shaft, Mtg, Sheave, Dsl	1
24	1024211	(0000–0196	) Sheave, 01grv, 02.6pd 0.63b [Hc41]	1
25	46390	(0000–0196	) Bearing, Ball, 0.79b 1.85d 0.55w	1
26	32492	(0000–0196	) Washer, Flat, 0.38, Std	2
27	41430	(0000–0196	) Nut, Hex, Lock, M10 X 1.5, NI	2
28	1024206	(0000–0196	) Bracket, Mtg, Sheave, Dsl	1
29	35707	(0000–0196	) Screw, Hex, .38–16 X 3.00, G5	1
30	50902	(0000–0196	) Nut, Hex, Lock, .38–16, NI	1
31	1024264	(0000–0196	) Arm, Alternator, Dsl	1
32	06942	(0000–0196	) Screw, Hex, M6 X 1.0 X 16, 8.8	1
33	06548	(0000–0196	) Screw, Hex, M6 X 1.0 X 60, 8.8	1
34	32483	(0000–0196	) Washer, Flat, 0.25, Sae	4
35	39277	(0000–0196	) Screw, Hex, M8 X 1.25 X 25, 8.8	1
36	1031566	(0000–0196	) Fan, Cooling, 14.1d, 6 Blade, 0.5b Taper	1
37	1035341	(0000–0196	) Spacer, Fan, Dsl [M20/T20]	1
38	00960	(0000–0196	) Key, Sq, 0.12 X 0.12, 0.50l	1
39	71388	(0000–0196	) Screw, Soc, M6 X 1.00 X 16, 12.9	4
40	19066	(0000–0196	) Washer, Flat, #10	4
41	1029689	(0000–0196	) Cable, 06ga 16.0l Red .38ring /.38ring	1
42	1016314	(0000–0196	) Boot, 90deg .50id 1.00id 2.50l, Red	2
43	1033697	(0000–0196	) Bracket, Clamp, Hose	1
44	1038035	(0000–0196	) Belt, v, 37.0L [3V]	1

Fig. 16 – Engine Alternator Group, Diesel (0197–)

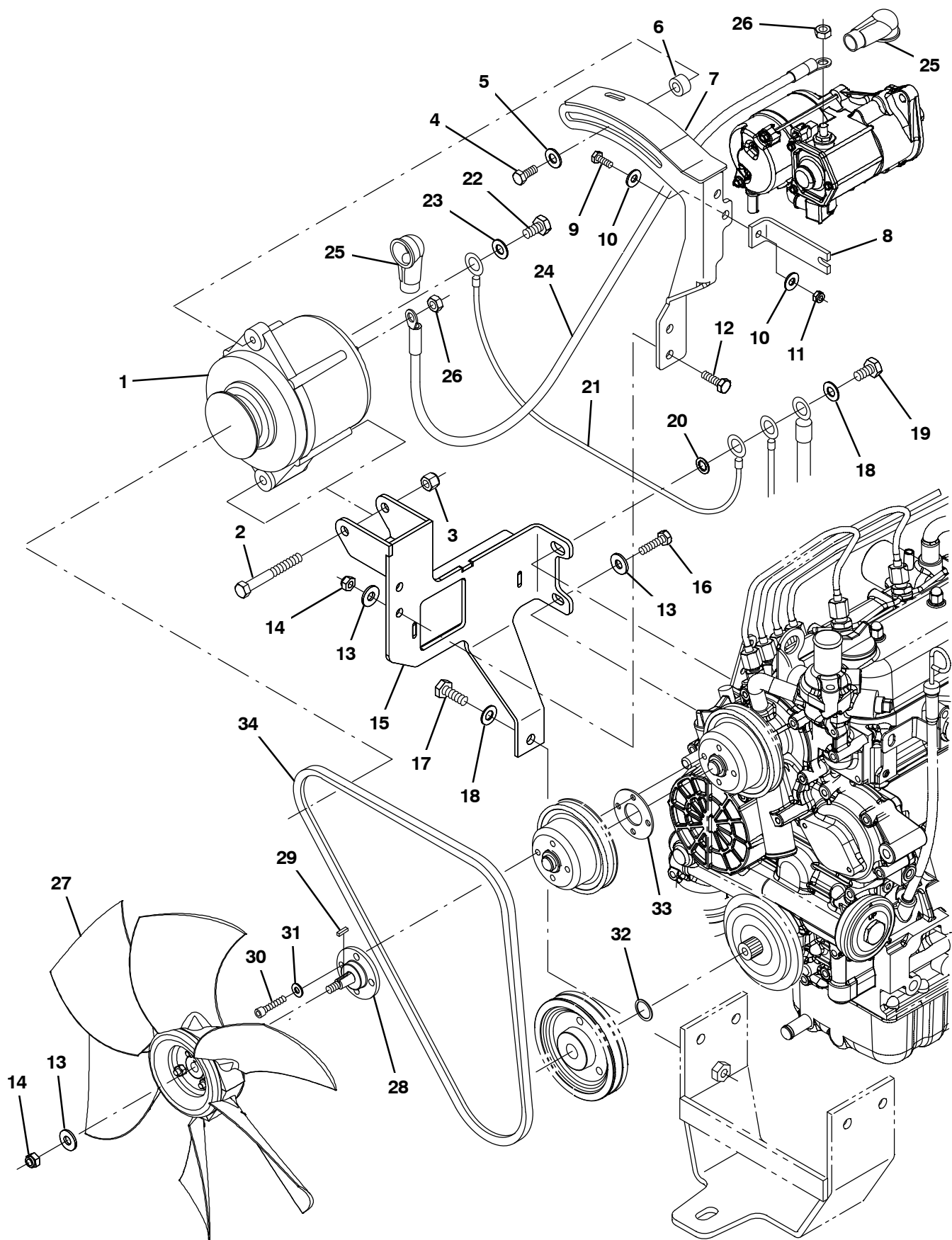


Fig. 16 – Engine Alternator Group, Diesel (0197–)

Ref.	Part No.	Serial Number	Description	Qty.
1	392611	(0197–)	Alternator, 12vdc, 075a [Valeo]	1
2	35707	(0197–)	Screw, Hex, .38–16 X 3.00, G5	1
3	59156	(0197–)	Nut, Hex, Lock, .38–16, NI, Ss	1
4	76955	(0197–)	Screw, Hex, .31–18 X 1.00, G5	1
5	41186	(0197–)	Washer, Flat, Belleville, .31	1
6	73737	(0197–)	Tube, 0.38id 0.75od 00.3l, Ss	1
7	1036847	(0197–)	Arm Wldt, Alternator, Dsl	1
8	1036859	(0197–)	Bracket, Sppt, Alternator, Dsl	1
9	06943	(0197–)	Screw, Hex, M6 X 1.00 X 20, 8.8	1
10	32483	(0197–)	Washer, Flat, 0.25, Sae	2
11	08708	(0197–)	Nut, Hex, Lock, M6 X 1.00, NI	1
12	39277	(0197–)	Screw, Hex, M8 X 1.25 X 25, 8.8	2
13	32491	(0197–)	Washer, Flat, 0.31, Std	4
14	08709	(0197–)	Nut, Hex, Lock, M8 X 1.25, NI	3
15	1036844	(0197–)	Bracket Wldt, Mtg, Alternator, Dsl	1
16	76570	(0197–)	Screw, Hex, M8 X 1.25 X 30, 8.8	1
17	39283	(0197–)	Screw, Hex, M10 X 1.50 X 25, 8.8	1
18	32492	(0197–)	Washer, Flat, 0.38, Std	2
19	33612	(0197–)	Screw, Hex, M10 X 1.25 X 35, 8.8	1
20	32988	(0197–)	Washer, Lock, Int, 0.38	1
21	31525	(0197–)	Wire, 10ga 16.0l Blk .25ring /.38ring	1
22	42011	(0197–)	Screw, Hex, 10–24 X 0.50, Ss	1
23	01683	(0197–)	Washer, Flat, 10, Ss	1
24	1029689	(0197–)	Cable, 06ga 16.0l Red .38ring /.38ring	1
25	1016314	(0197–)	Boot, 90deg .50id 1.00id 2.50l, Red	2
26	41361	(0197–)	Nut, Hex, Std, M8 X 1.25, Brs	2
27	1031566	(0197–)	Fan, Cooling, 14.1d, 6 Blade, 0.5b Taper	1
28	1035341	(0197–)	Spacer, Fan, Dsl [M20/T20]	1
29	00960	(0197–)	Key, Sq, 0.12 X 0.12, 0.50l	1
30	71388	(0197–)	Screw, Soc, M6 X 1.00 X 16, 12.9	4
31	19066	(0197–)	Washer, Flat, 10	4
32	1039208	(0197–)	Washer, Flat, 1.10b 1.50d .12, Stl, Pl	1
33	1039212	(0197–)	Spacer, Fan	1
34	393244	(0197–)	Belt, V, 42.0l [Hc41]	1

Fig. 17 – Engine Muffler Group, Diesel

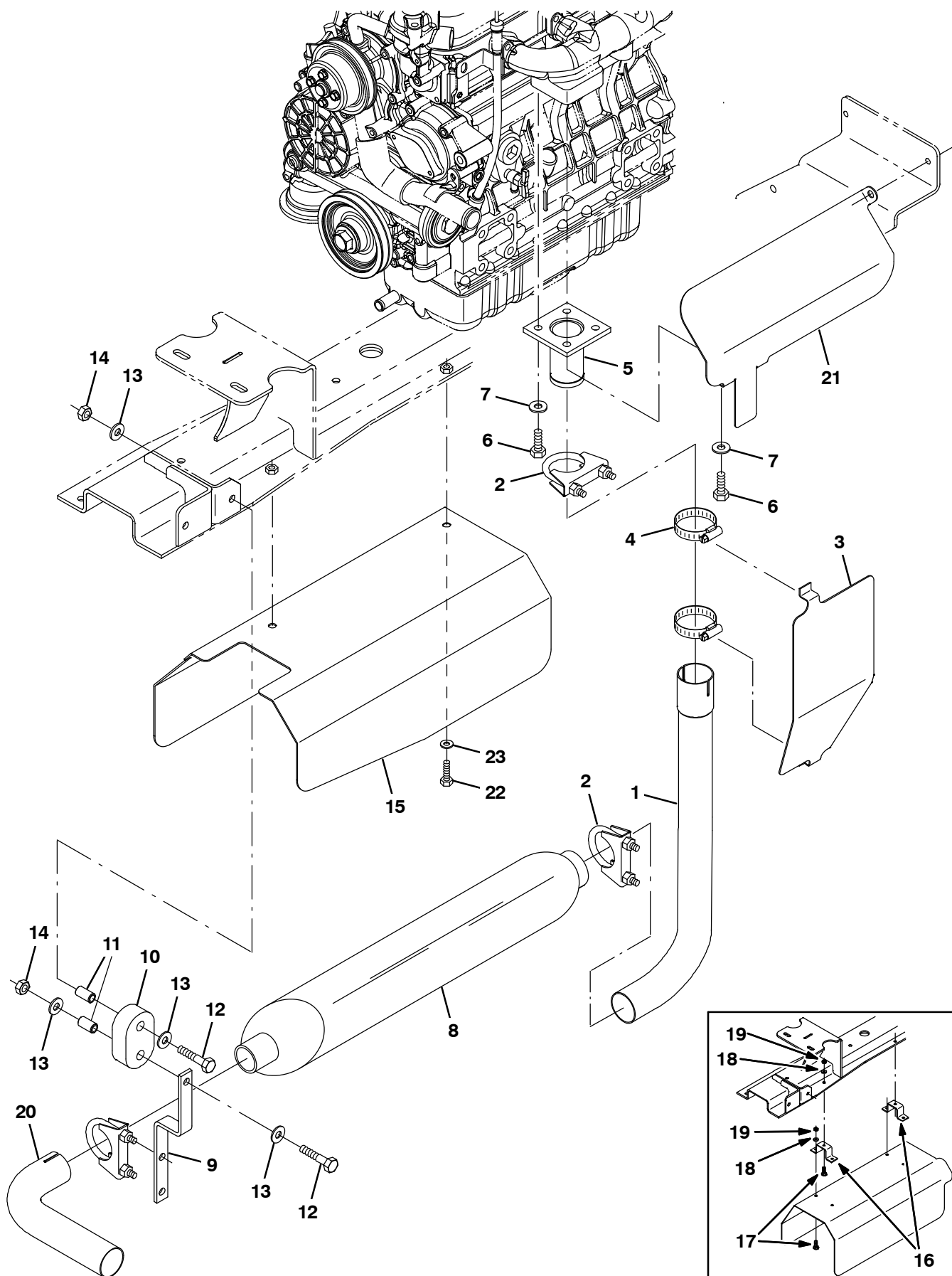


Fig. 17 – Engine Muffler Group, Diesel

Ref.	Part No.	Serial Number	Description	Qty.
1	1024357	(0000–	) Tube, Exhaust, Dsl	1
2	24012	(0000–	) Clamp, Muffler, 1.62d	3
3	9002411	(0000–	) Plate, Shield, Heat, Dsl, Replmt	1
4	79381	(0000–	) Clamp, Hose, Wormdrive, 1.25–2.00D, .50W	2
5	74452	(0000–	) Tube Wldt, Exhaust, 1.5d, 4 Hole Flng	1
6	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	4
7	32491	(0000–	) Washer, Flat, 0.31, Std	4
8	33333	(0000–	) Muffler, Exhaust	1
9	1017969	(0000–	) Bracket, Muffler, Hanger, Front	1
10	1013031	(0000–	) Isolator, Rbr	1
11	222496	(0000–	) Sleeve, P/M, 0.31b 0.50d 0.9l [430ss]	2
12	222505	(0000–	) Screw, Hex, M8 X 1.25 X 45, Ss	2
13	01685	(0000–	) Washer, Flat, 0.31, Ss	4
14	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
15	1028994	(0000–	) Channel, Shield, Muffler [M20/T20 2007]	1
16	1022113	(0000–xxxx	) Bracket, Retainer, Shield, Heat	2
17	08716	(0000–xxxx	) Screw, Hex, M6 X 1.0 X 20, Ss	6
18	32483	(0000–xxxx	) Washer, Flat, 0.25, Sae	6
19	08712	(0000–xxxx	) Nut, Hex, Lock, M6 X 1.00, Ss, NI	6
20	1021789	(0000–	) Tube, Exhaust, 1.5d	1
21	1032010	(0000–	) Shield, Heat, Dsl	1
22	08716	(xxxx–	) Screw, Hex, M6 X 1.0 X 20, Ss	2
23	32483	(xxxx–	) Washer, Flat, 0.25, Sae	2

Fig. 18 – Engine Radiator Group, Diesel (0000–0195)

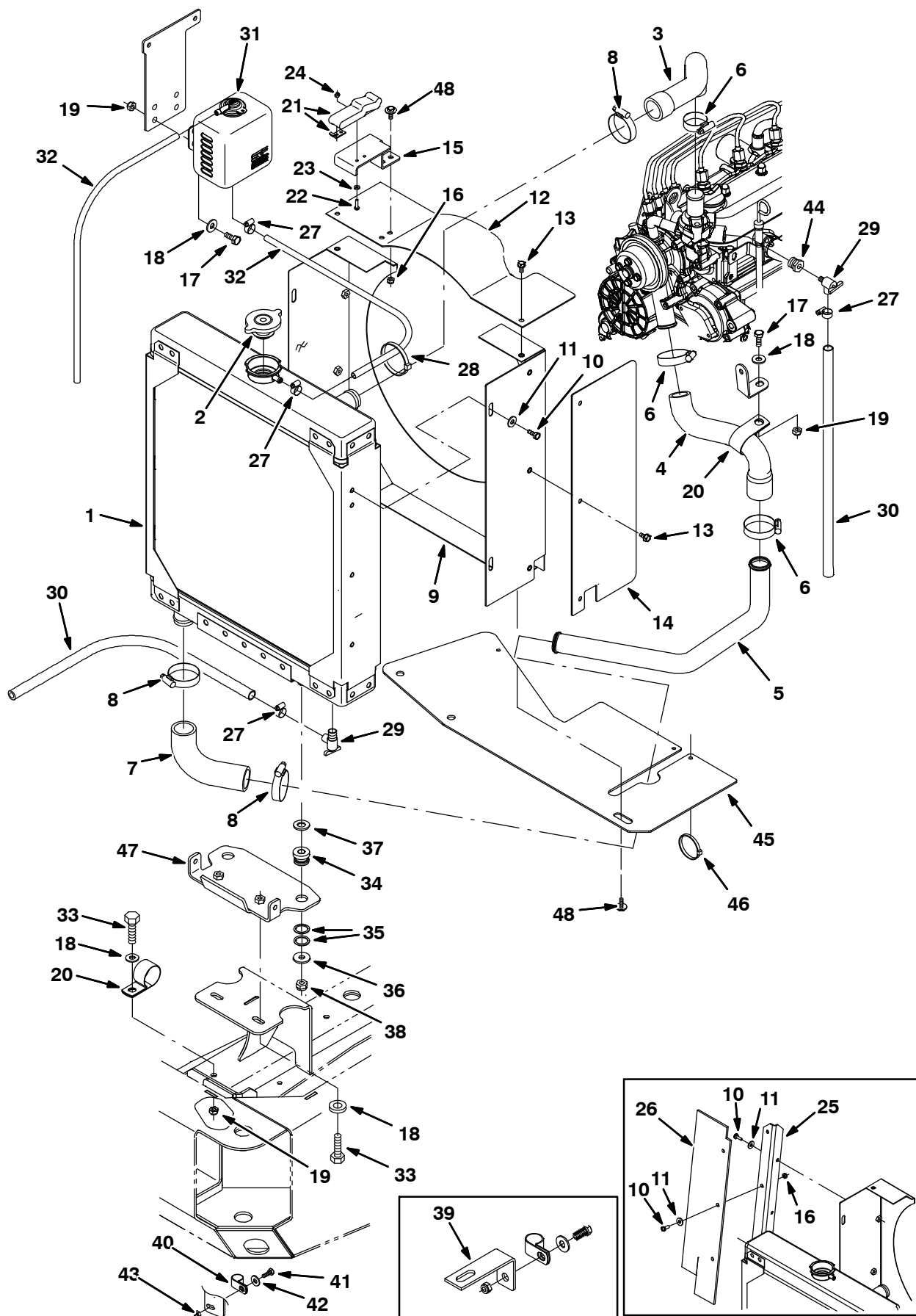


Fig. 18 – Engine Radiator Group, Diesel (0000–0195)

Ref.	Part No.	Serial Number	Description	Qty.
1	1045316	(0000–0195)	) Radiator Kit, Replmt, Ci	1
2	368132	(0000–0195)	) Cap, Radiator, 15psi	1
3	1023154	(0000–0195)	) Hose, Radiator, Upper, Dsl	1
4	1033688	(0000–0195)	) Hose, Radiator, Lower, Dsl	1
5	1023180	(0000–0195)	) Tube, Radiator, Lower, Dsl	1
6	11399	(0000–0195)	) Clamp, Hose, Wormdrive, 0.81–1.50d, .50w	3
7	1007482	(0000–0195)	) Hose, Rbr, E90 1.25id 1.25id 04.2 03.1	1
8	79381	(0000–0195)	) Clamp, Hose, Wormdrive, 1.25–2.00D, .50W	3
9	1023810	(0000–0195)	) Panel, Shrd, Fan, Dsl	1
10	06942	(0000–0195)	) Screw, Hex, M6 X 1.0 X 16, 8.8	9
11	32490	(0000–0195)	) Washer, Flat, 0.25, Std	9
12	1024028	(0000–0195)	) Plate, Guard, Fan Shrd, Dsl	1
13	74455	(0000–0195)	) Screw, Hex, M6 X 1.0 X 12, Fmg	5
14	9002412	(0000–0195)	) Plate, Guard, Fan, Shrd, Dsl, Replmt	1
15	1027112	(0000–0195)	) Bracket, Mtg, Latch, Dsl	1
16	08708	(0000–0195)	) Nut, Hex, Lock, M6 X 1.00, NI	5
17	16931	(0000–0195)	) Screw, Hex, M8 X 1.25 X 20, 8.8	5
18	32491	(0000–0195)	) Washer, Flat, 0.31, Std	8
19	08709	(0000–0195)	) Nut, Hex, Lock, M8 X 1.25, NI	6
20	53466	(0000–0195)	) Clamp, Cable, Stl, 1.50d X 1.00w, 1h	2
21	49800	(0000–0195)	) Latch	1
22	06927	(0000–0195)	) Screw, Pan, M4 X 0.70 X 16, 4.8	2
23	19064	(0000–0195)	) Washer, Flat, #06	2
24	02850	(0000–0195)	) Nut, Hex, Lock, M4 X 0.70, NI	2
25	1027099	(0000–0007)	) Plate, Mtg, Seal	1
26	1027103	(0000–0007)	) Seal, Radiator	1
27	43844	(0000–0195)	) Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	4
28	49266	(0000–0195)	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
29	51305	(0000–0195)	) Fitting, Draincock, E90, .25npt	2
30	73471	(0000–0195)	) Hose, Pvc, Clr, 0.38id 0.56od 22.00l	2
31	1023853	(0000–0195)	) Tank, Coolant, 04.7 03.3 4.7deep, 1liter	1
32	1015041	(0000–0195)	) Hose, Afmkt, Coolant Recvy, 05ft	1
33	39277	(0000–0195)	) Screw, Hex, M8 X 1.25 X 25, 8.8	3
34	54274	(0000–0195)	) Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	2
35	09832	(0000–0195)	) Washer, Flat, 0.81b 1.06d .06, Stl	4
36	1014563	(0000–0195)	) Washer, Flat, 0.40b 1.12d .12, Ss	2
37	32486	(0000–0195)	) Washer, Flat, 0.50, Sae	2
38	41430	(0000–0195)	) Nut, Hex, Lock, M10 X 1.5, NI	2
39	1026003	(0000–xxxx)	) Bracket, Ftg, Bh	1
40	67767	(0000–0195)	) Clamp, Cable, Stl, 0.69d X 0.62w, 1h	1
41	09740	(0000–0195)	) Screw, Hex, M8 X 1.25 X 20, Ss	1
42	01685	(0000–0195)	) Washer, Flat, 0.31, Ss	1
43	08713	(0000–0195)	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	1
44	150006	(0000–0195)	) Fitting, Brs, Str, Pf04/Pm06, Bshg	1
45	1035878	(0000–0195)	) Skirt, Debris, Eng Radiator	1
46	763116	(0000–0195)	) Tie, Cable, Nyl, 15.3l . W 4.5 Max D	1
47	1035976	(0004–0195)	) Bracket, Sppt, Radiator, Upper	1
48	1040467	(0000–0195)	) Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	4

Fig. 19 – Engine Radiator Group, Diesel (0196–0499)

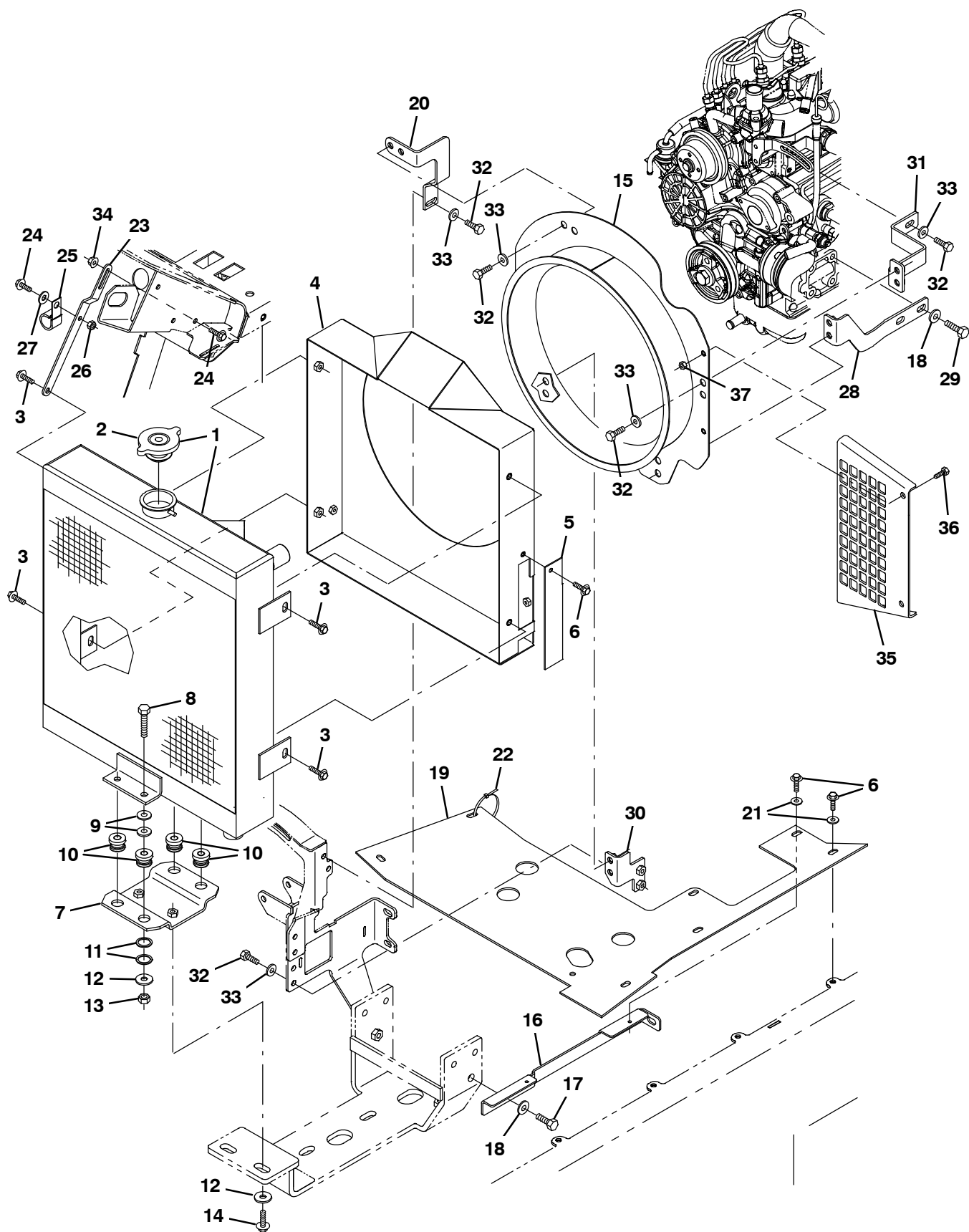


Fig. 19 – Engine Radiator Group, Diesel (0196–0499)

Ref.	Part No.	Serial Number	Description	Qty.
▽ 1	1045940	(0196–0499)	) Radiator, W/ Hyd Cooler [Side X Side]	1
▲ 2	1045764	(0196–0499)	) Cap, Radiator, 14Psi [Stant]	1
3	1037346	(0196–0499)	) Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	4
4	9006815	(0196–0499)	) Shrd Wldt,Fan,Dsl, Replmt [Ce]	1
5	1045433	(0196–0499)	) Bracket, Cover	1
6	1036892	(0196–0499)	) Screw, Hex, M6 X 1.00 X 25, 9.8 Sems	6
7	1046962	(0196–0499)	) Bracket, Mtg, Radiator	1
8	39285	(0196–0499)	) Screw, Hex, M10 X 1.50 X 40, 8.8	4
9	32492	(0196–0499)	) Washer, Flat, 0.38, Std	8
10	54274	(0196–0499)	) Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	4
11	09832	(0196–0499)	) Washer, Flat, 0.81b 1.06d .06, Stl	8
12	1014563	(0196–0499)	) Washer, Flat, 0.40b 1.12d .12, Ss	6
13	41430	(0196–0499)	) Nut, Hex, Lock, M10 X 1.5, NI	4
14	1037355	(0196–0499)	) Screw, Hex, M8 X 1.25 X 35, 9.8, Sems	2
15	1046801	(0196–0499)	) Shroud Wldt, Fan, Dsl	1
16	1052164	(0196–0499)	) Bracket, Sppt	1
17	39283	(0196–0499)	) Screw, Hex, M10 X 1.50 X 25, 8.8	1
18	32485	(0196–0499)	) Washer, Flat, 0.38, Sae	3
19	1052175	(0196–0499)	) Skirt, Fan, Eng, Dsl	1
20	1053143	(0196–0499)	) Bracket, Shrd, Fan, Upper, Dsl	1
21	41178	(0196–0499)	) Washer, Flat, 0.25, Fendr	3
22	49266	(0196–0499)	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
23	1019968	(0196–0499)	) Bracket, Mtg, Radiator	1
24	1040467	(0196–0499)	) Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	2
25	30407	(0196–0499)	) Clip, Keeper, Open	1
26	08708	(0196–0499)	) Nut, Hex, Lock, M6 X 1.00, NI	1
27	32490	(0196–0499)	) Washer, Flat, 0.25, Std	1
28	1046247	(0196–0499)	) Bracket, Shrd, Fan, Lh	1
29	07299	(0196–0499)	) Screw, Hex, M10 X 1.25 X 25, 8.8	2
30	1046261	(0196–0499)	) Bracket, Shrd, Fan, Rh	1
31	1046282	(0196–0499)	) Bracket, Shrd, Fan, Upper, Lh	1
32	16931	(0196–0499)	) Screw, Hex, M8 X 1.25 X 20, 8.8	13
33	32491	(0196–0499)	) Washer, Flat, 0.31, Std	13
34	07790	(0196–0499)	) Nut, Hex, Flng, M6 X 1.00	1
35	1061937	(0189–0499)	) Guard, Fan, Gas/Lpg, Ce [M20/T20]	1
36	16931	(0189–0499)	) Screw, Hex, M8 X 1.25 X 20, 8.8	2
37	39349	(0189–0499)	) Washer, Flat, 0.31, Sae	2

Fig. 20 – Engine Radiator Group, Diesel (0500–)

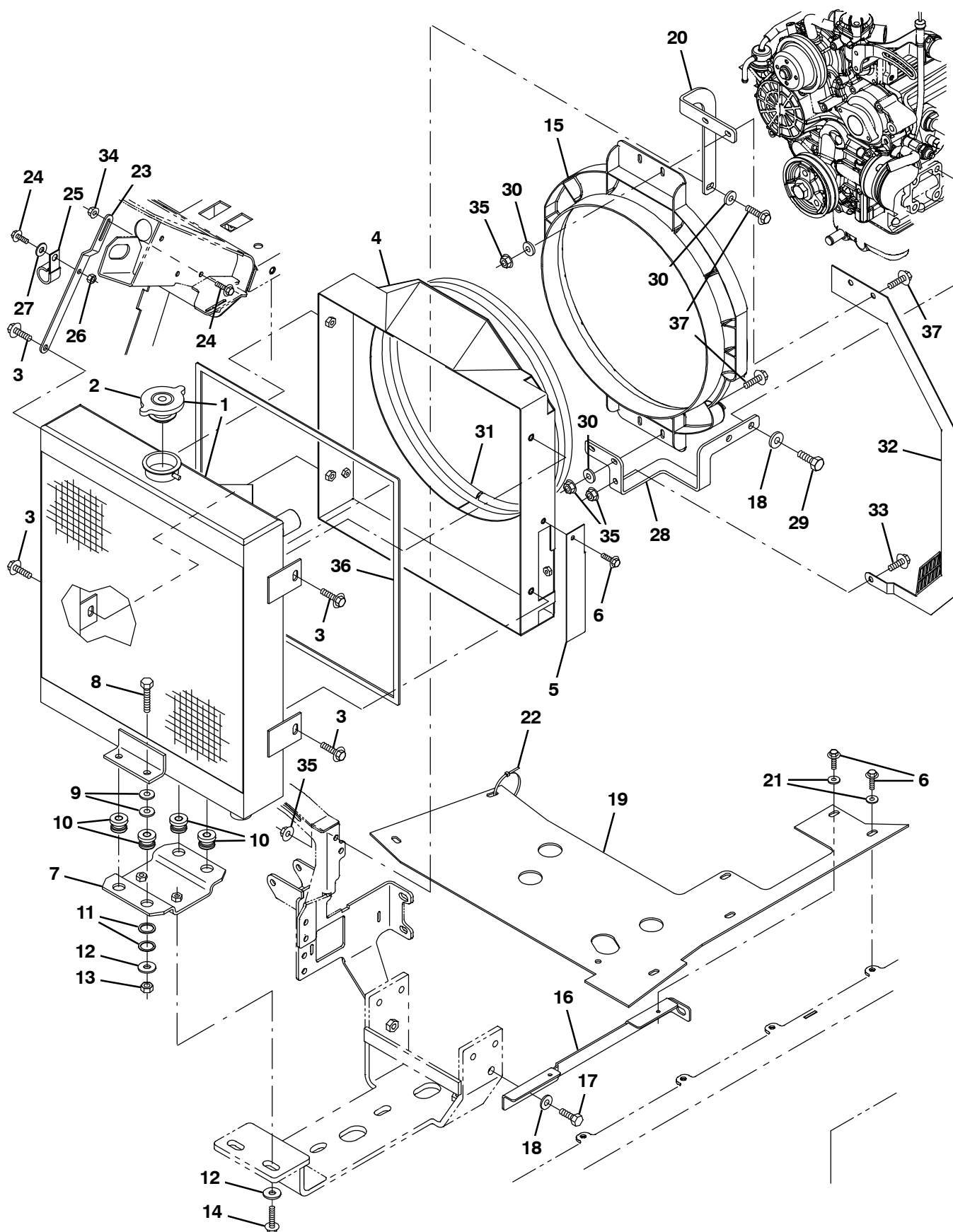


Fig. 20 – Engine Radiator Group, Diesel (0500–)

Ref.	Part No.	Serial Number	Description	Qty.
▽ 1	1045940	(0500–)	Radiator, W/ Hyd Cooler [Side X Side]	1
▲ 2	1045764	(0500–)	Cap, Radiator, 14Psi [Stant]	1
3	1037346	(0500–)	Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	4
4	1058699	(0500–)	Shroud Wldt, Fan, Eng, Dsl	1
5	1045433	(0500–)	Bracket, Cover	1
6	1036892	(0500–)	Screw, Hex, M6 X 1.00 X 25, 9.8 Sems	6
7	1046962	(0500–)	Bracket, Mtg, Radiator	1
8	39285	(0500–)	Screw, Hex, M10 X 1.50 X 40, 8.8	4
9	32492	(0500–)	Washer, Flat, 0.38, Std	8
10	54274	(0500–)	Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	4
11	09832	(0500–)	Washer, Flat, 0.81b 1.06d .06, Stl	8
12	1014563	(0500–)	Washer, Flat, 0.40b 1.12d .12, Ss	6
13	41430	(0500–)	Nut, Hex, Lock, M10 X 1.5, NI	4
14	1037355	(0500–)	Screw, Hex, M8 X 1.25 X 35, 9.8, Sems	2
15	1054428	(0500–)	Shroud, Fan	1
16	1052164	(0500–)	Bracket, Sppt	1
17	39283	(0500–)	Screw, Hex, M10 X 1.50 X 25, 8.8	1
18	32485	(0500–)	Washer, Flat, 0.38, Sae	3
19	1052175	(0500–)	Skirt, Fan, Eng, Dsl	1
20	1058732	(0500–)	Bracket, Mtg, Fan, Shrd, Upper, Dsl	1
21	41178	(0500–)	Washer, Flat, 0.25, Fendr	3
22	49266	(0500–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
23	1019968	(0500–)	Bracket, Mtg, Radiator	1
24	1040467	(0500–)	Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	2
25	30407	(0500–)	Clip, Keeper, Open	1
26	08708	(0500–)	Nut, Hex, Lock, M6 X 1.00, NI	1
27	32490	(0500–)	Washer, Flat, 0.25, Std	1
28	1058730	(0500–)	Bracket, Mtg, Fan, Shrd, Lower, Dsl	1
29	07299	(0500–)	Screw, Hex, M10 X 1.25 X 25, 8.8	2
30	32492	(0500–)	Washer, Flat, 0.38, Std	7
31	376735	(0500–)	Seal, Bulb, Str, 0.38h .75w Adh, 52 L	1
32	1064434	(0500–)	Bracket, Shrd, Radiator, Dsl, Ce	1
33	1020341	(0500–)	Screw, Hex, M8 X 1.25 X 20, Ss, Sems	1
34	07790	(0500–)	Nut, Hex, Flng, M6 X 1.00	1
35	07791	(0500–)	Nut, Hex, Flng, M8 X 1.25	6
36	367812	(0500–)	Seal, Rbr, Clsd, .13, .38w 72.0l, Adh	1
37	1037346	(0500–)	Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	5

Fig. 21 – Engine Radiator Hose Group, Diesel (0196–)

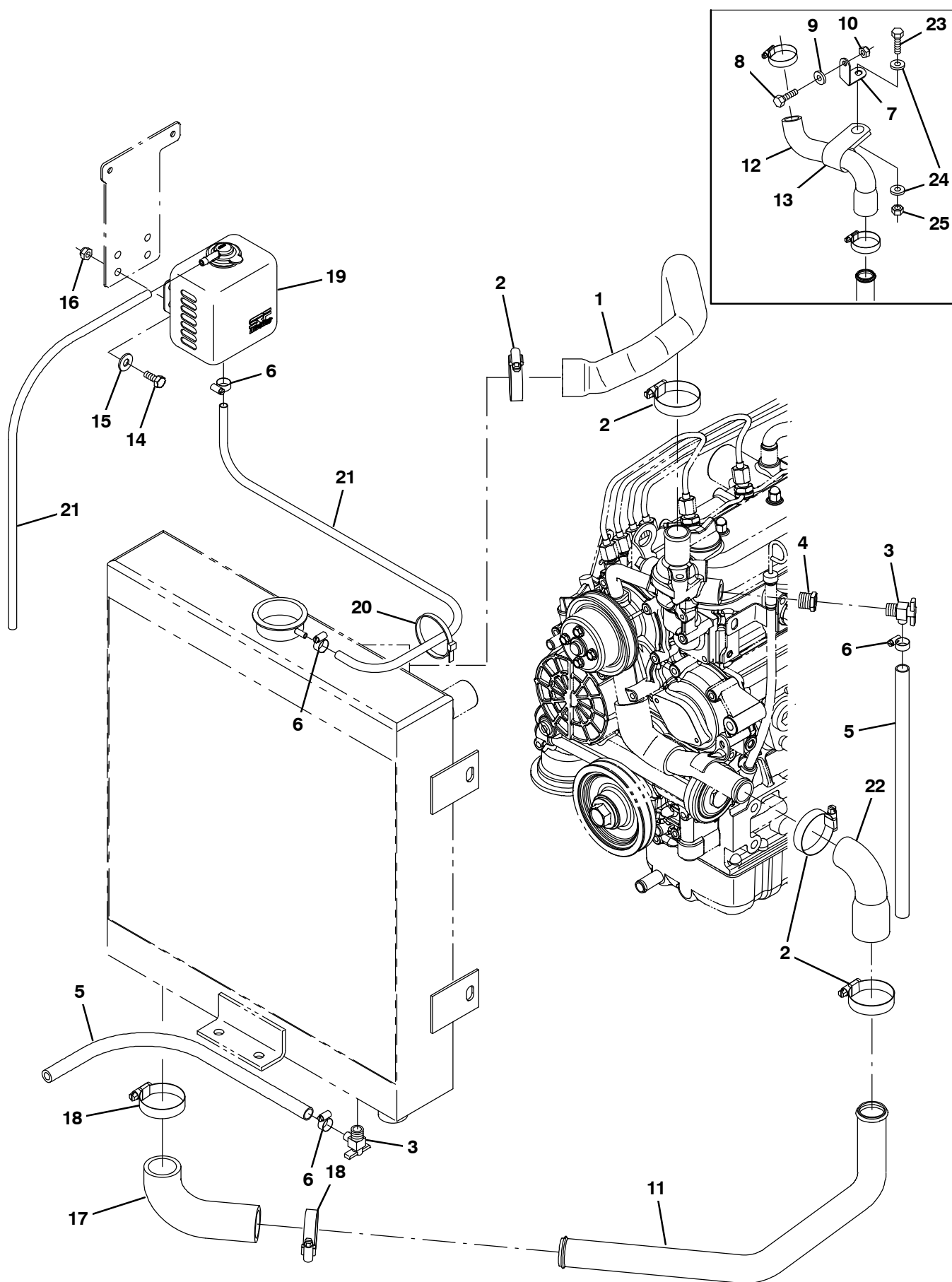


Fig. 21 – Engine Radiator Hose Group, Diesel (0196–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1071195	(0196–)	Hose, Radiator, Upper, Dsl	1
2	11399	(0196–)	Clamp, Hose, Wormdrive, 0.81–1.50d, .50w	4
3	51305	(0196–)	Fitting, Draincock, E90, .25npt	2
4	150006	(0196–)	Fitting, Brs, Str, Pf04/Pm06, Bshg	1
5	73471	(0196–)	Hose, Pvc, Clr, 0.38id 0.56od 022.0l	2
6	43844	(0196–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	4
7	1033697	(0196–xxxx)	Bracket, Clamp, Hose	1
8	35707	(0196–xxxx)	Screw, Hex, .38–16 X 3.00, G5	1
9	32492	(0196–xxxx)	Washer, Flat, 0.38, Std	1
10	50902	(0196–xxxx)	Nut, Hex, Lock, .38–16, NI	1
11	1023180	(0196–)	Tube, Radiator, Lower, Dsl	1
12	1033688	(0196–xxxx)	Hose, Radiator, Lower, Dsl	1
13	53466	(0196–xxxx)	Clamp, Cable, Stl, 1.50d X 1.00w, 1hole	1
14	16931	(0196–)	Screw, Hex, M8 X 1.25 X 20, 8.8	1
15	32491	(0196–)	Washer, Flat, 0.31, Std	2
16	08709	(0196–)	Nut, Hex, Lock, M8 X 1.25, NI	1
17	1007482	(0196–)	Hose, Rbr, E90, 1.25id 1.25id 04.2 03.1	1
18	79381	(0196–)	Clamp, Hose, Wormdrive, 1.25–2.00D, .50W	2
19	1023853	(0196–xxxx)	Tank, Coolant, 03.30w 4.7hi 04.7l, 1liter	1
19	1054382	(xxxx–)	Tank, Coolant, 03.6W 04.1HI 05.5L, 1Liter	1
20	49266	(0196–)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
21	1015041	(0196–)	Hose, Afmkt, Coolant Recvy, 08ft	1
22	1033688	(xxxx–yyyy)	Hose, Radiator, Lower, Dsl (Cut to fit)	1
22	1062103	(yyyy–)	Hose, Radiator, Lower, Dsl	1
23	16931	(0196–xxxx)	Screw, Hex, M8 X 1.25 X 20, 8.8	1
24	32491	(0196–xxxx)	Washer, Flat, 0.31, Std	2
25	08709	(0196–xxxx)	Nut, Hex, Lock, M8 X 1.25, NI	1

Fig. 22 – Battery and Electrical Group

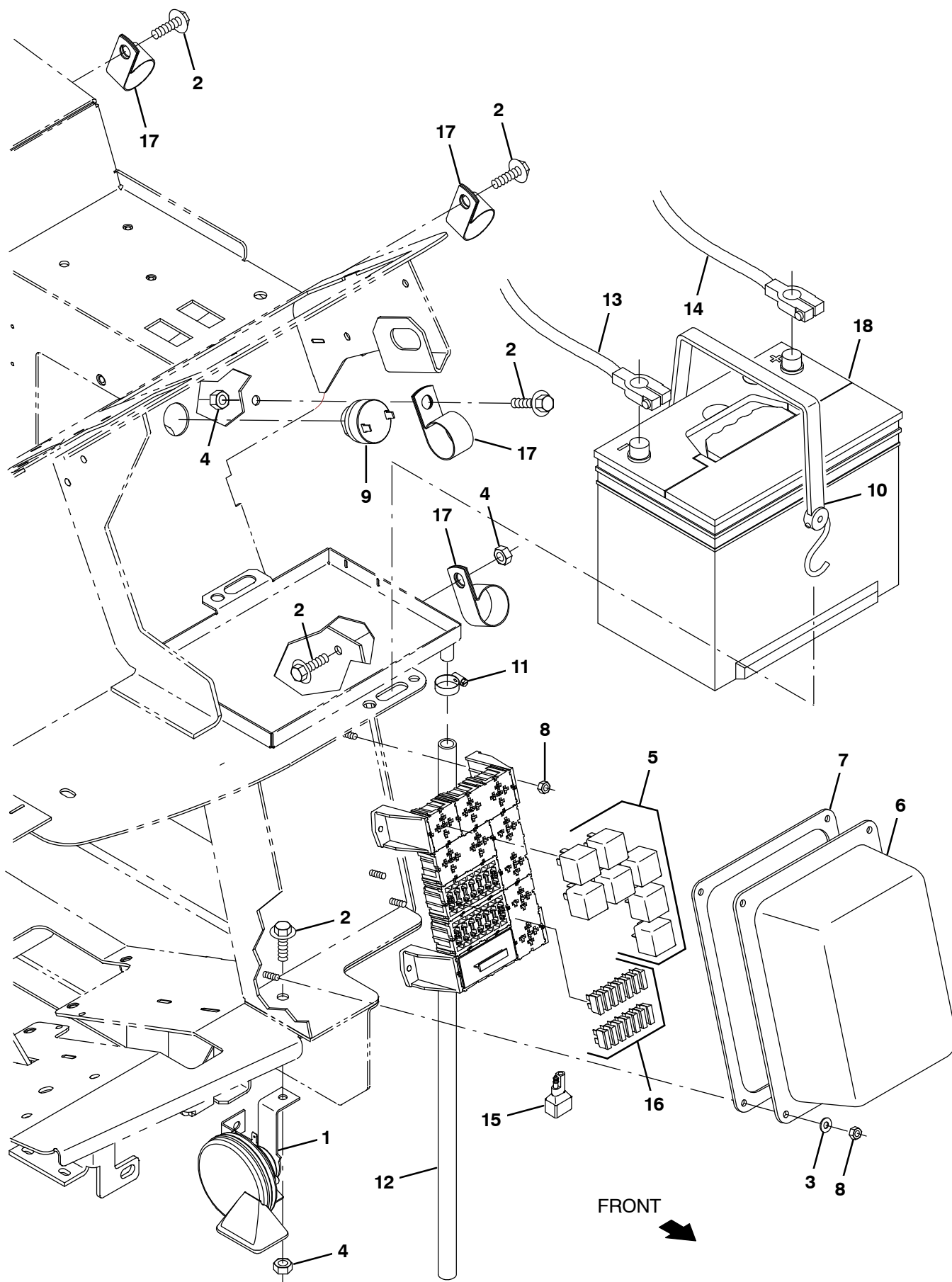


Fig. 22 – Battery and Electrical Group

Ref.	Part No.	Serial Number	Description	Qty.
1	369704	(0000–	) Horn, 12vdc, DbA [Wolo]	1
2	1037346	(0000–	) Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	5
3	19066	(0000–	) Washer, Flat, #10	4
4	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	3
5	57804	(0000–	) Relay, 12vdc, 40a, Spdt N/O	7
6	1024274	(0000–	) Cover, Fuse, Block	1
7	1026576	(0000–	) Gasket, Cover, Fuse Block	1
8	06549	(0000–	) Nut, Hex, Lock, M5 X 0.8, NI	8
9	1021290	(0000–	) Alarm, Warning [Sonalert, St628]	1
10	33671	(0000–	) Strap, Rbr, Tie-Down, 2/Hooks 19.0l	1
11	54333	(0000–	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	1
12	20778	(0000–	) Hose, Pvc, Clr, 0.50id 0.69od 30.00l	1
13	60295	(0000–	) Cable, Battery, 02ga 60.0l Blk .41ring	1
14	68869	(0000–	) Cable, Battery, 02ga 48.0l Red .41ring	1
15	222290	(0000–	) Diode, Ele, Plug	1
16	762514	(0000–	) Fuse, 015a	14
17	53466	(0000–	) Clamp, Cable, Stl, 1.50d X 1.00w, 1h	4
18	10143	(0000–	) Battery, Wet, 12Vdc 0600Cca	1

Fig. 23 – Wheel Group, Front Drive

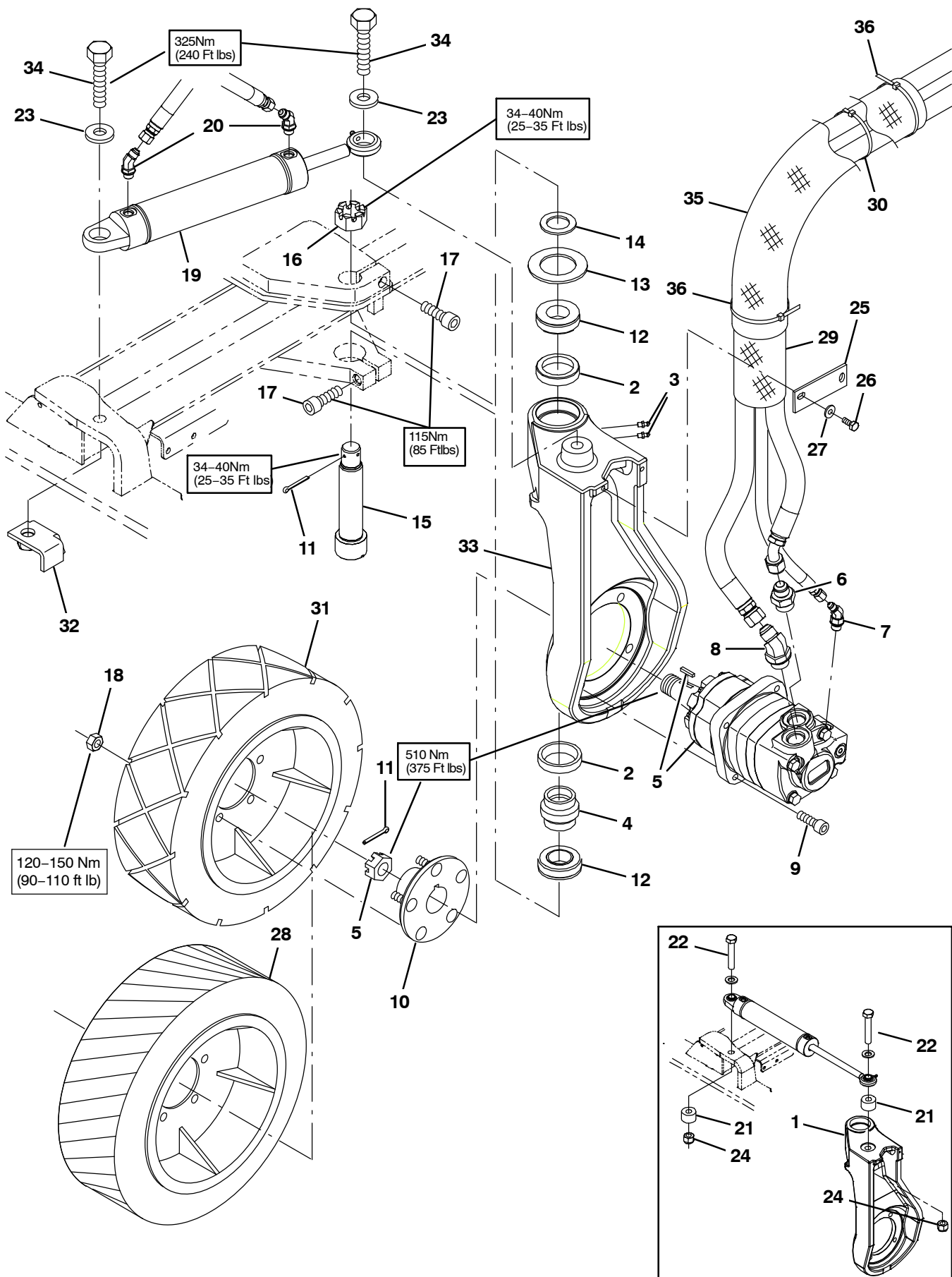


Fig. 23 – Wheel Group, Front Drive

Ref.	Part No.	Serial Number	Description	Qty.	
1	9008248	(0000–0337	) Housing Kit, Drive, Front, Replmt	1	
2	51338	(0000–	) Bearing, Cup, 2.56d 0.55w	2	
3	47801	(0000–	) Fitting, Grease, Str Pm04 .63l	2	
4	374560	(0000–	) Seal, Drive, Rear, Grease Cav	1	
5	379609	(0000–	) Motor, Hyd, Gear, Int 19.0 Bi–Dir 3000 (See Breakdowns)	1	
6	42223	(0000–	) Fitting, Hyd, Str, Jm10/Om12	1	
7	393215	(0000–	) Fitting, Hyd, E45, Jm04/Om06	1	
8	1024249	(0000–	) Fitting, Hyd, E45, Jm10/Om12	1	
9	19583	(0000–	) Screw, Soc, .50–13 X 1.50, Al	4	
▽	10	54087	(0000–	) Hub Assy, Wheel, 5 Bolt 4.50bc Taper B	1
▲		32126	(0000–	) Stud, Wheel, .50–20 X 1.50l, 0.370th	5
11	08180	(0000–	) Pin, Cotter, .125 X 2.00	2	
12	51339	(0000–	) Bearing, Cone, 1.38b 0.71w	2	
13	374563	(0000–	) Washer, Flat, 2.16b 3.50d .16, Felt	1	
14	54051	(0000–	) Washer, Flat, 1.39b 2.12d .13, Stl	1	
15	73281	(0000–	) Bolt, Shld, 1.37d X 5.13l, 1.1–18 Drilled	1	
16	54052	(0000–	) Nut, Hex, Sltld, 1.12–18	1	
17	72926	(0000–	) Screw, Soc, M16 X 2.0 X 50, 12.9	2	
18	24339	(0000–	) Nut, Wheel, .50–20 X 60 Angle	5	
19	1017903	(0000–0743	) Cylinder, Hyd, 2.0b, 15.2l, 09.00strk, 3000	1	
19	1034270	(0744–	) Cylinder, Hyd, 2.0b, 15.2l, 09.00strk, 3000	1	
20	47522	(0000–	) Fitting, Hyd, E45, Jm06/Om06	2	
21	71340	(0000–0337	) Tube, Rnd, 1.75d 0.77b 01.1l, Stl, Pntd	2	
22	71341	(0000–0337	) Screw, Hex, .75–10 X 4.00, 5	2	
23	39350	(0000–0743	) Washer, Flat, 0.75 Sae	2	
23	1073487	(0744–	) Washer, Flat, .781b 1.63od .16, Stl, Blk	2	
24	32987	(0000–0337	) Nut, Hex, Lock, .75–10, NI	2	
25	58842	(0000–	) Bar, Flat, Stl 0.19, 01.50 X 04.1l	1	
26	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	2	
27	32491	(0000–	) Washer, Flat, 0.31, Std	2	
28	1061973	(0000–	) Tire, Drive, Scrbr, Pu, Grey, 18.0X6.0 (Optional Polyurethane)	1	
29	57315	(0000–	) Sleeve, Nyl, #37 05.0l	2	
30	49266	(0000–	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2	
31	1059343	(0000–	) Tire, Drive, Scrbr, Non–Skid, 18.0X6.0	1	
32	1060521	(0338–	) Bracket, Mtg, Sppt	1	
33	1071061	(0338–	) Housing, Sppt, Rear Wheel	1	
34	77345	(0338–	) Screw, Hex, .75–10 X 3.25, G5	2	
35	82832	(0500–	) Sleeve, Nyl, 2.38id 25.0l	1	
36	49266	(0500–	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2	

Fig. 24 – Wheel Group, Rear

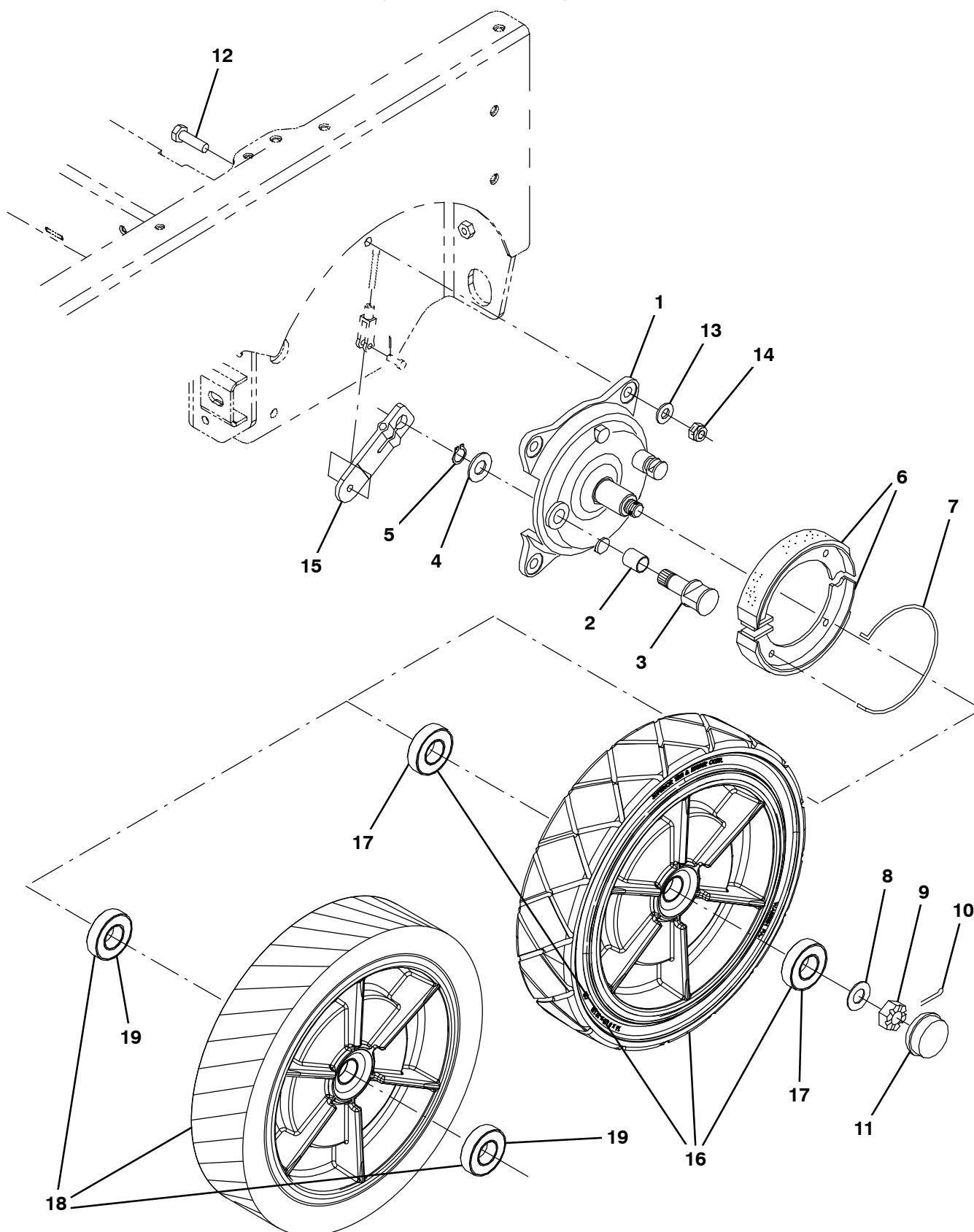


Fig. 24 – Wheel Group, Rear

	Ref.	Part No.	Serial Number	Description	Qty.
▽		360023	(0000–	) Brake Assy, Drum, Mech, 07.0d 1.2w	2
▲	1	360270	(0000–	) Plate, Backing, Brake	1
▲	2	360271	(0000–	) Bushing, Sleeve, 0.78b 0.86d 0.93l, Bnz	1
▲	3	360272	(0000–	) Cam, Plt, Brake [Nickel]	1
▲	4	360273	(0000–	) Washer, Flat, M21.0b X 37d X 3	1
▲	5	360274	(0000–	) Retainer, Ring, Brake	1
▲	6	360275	(0000–	) Shoe, Brake, 180 X 30mm	2
▲	7	360276	(0000–	) Spring, Wir, 0.25d, Return, Brake	1
	8	49145	(0000–	) Washer, Flat, 0.76b 1.50d .06, Ss	2
	9	86659	(0000–	) Nut, Hex, Sltld, .75–16	2
	10	08171	(0000–	) Pin, Cotter, .156 X 2.00	2
	11	54390	(0000–	) Cap, Hub, Dust 2.57d 0.77l	2
	12	06969	(0000–	) Screw, Hex, M12 X 1.75 X 40, 8.8	8
	13	32486	(0000–	) Washer, Flat, 0.50 Sae	8
	14	08711	(0000–	) Nut, Hex, Lock, M12 X 1.75,NI	8
	15	360802	(0000–	) Arm, Lever, Brake, 4.1 [Knott]	2
▽	16	1059671	(0000–	) Tire, Idler, Scrbr, Blk, 16.0X3.5	2
▲	17	360074	(0000–	) Bearing, Ball, 1.18b 2.44d 0.63w	2
▽	16	1059347	(0000–	) Tire, Idler, Scrbr, Non–Skid, 16.0x3.5 (Included in Kit 363174) (Optional)	2
▲	17	360074	(0000–	) Bearing, Ball, 1.18b 2.44d 0.63w	2
▽	18	1061974	(0000–	) Tire, Idler, Scrbr, Pu, Grey, 16.0X3.5 (Optional Polyurethane)	2
▲	19	360074	(0000–	) Bearing, Ball, 1.18b 2.44d 0.63w	2

Fig. 25 – Brake Pedal Linkage Group

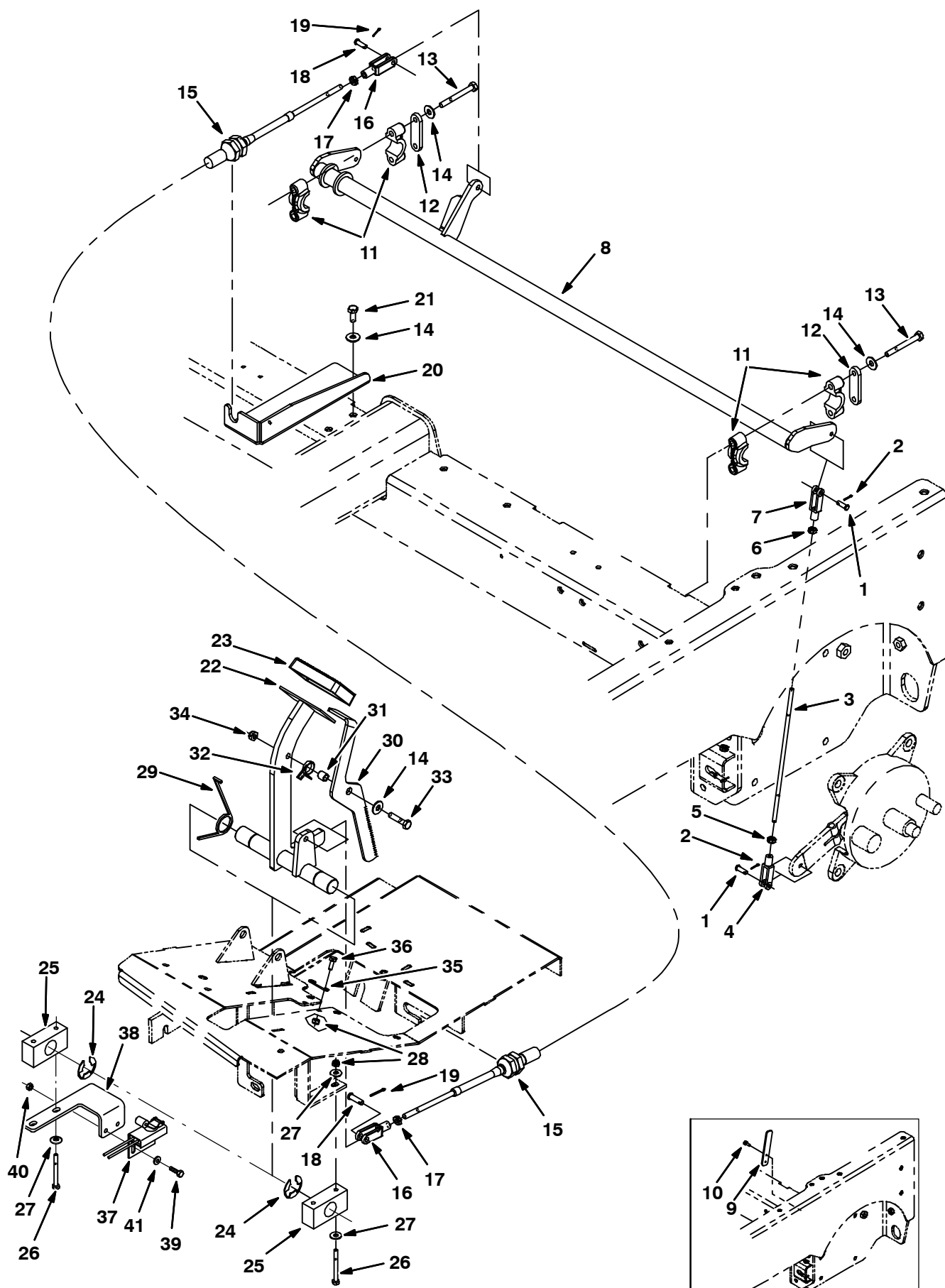


Fig. 25 – Brake Pedal Linkage Group

Ref.	Part No.	Serial Number	Description	Qty.
1	14605	(0000–	) Pin, Clevis, 0.25d X 0.75l	4
2	08170	(0000–	) Pin, Cotter, .062 X 0.50	4
3	364347	(0000–	) Rod	2
4	14595–1	(0000–	) Clevis, Adj, 0.25 Pin, 0.25–28 Rh, Pl	2
5	364948	(0000–	) Nut, Hex, Std, .25–28, Lh	2
6	01714	(0000–	) Nut, Hex, Std, .25–28	2
7	364864	(0000–	) Clevis, Adj, 0.25pin, 0.25–28left Pl	2
8	1022031	(0000–	) Shaft Wldt, Brake	1
9	1026025	(0000–xxxx	) Plate, Stop, Brake	2
10	361339	(0000–xxxx	) Screw, Hex, M6 X 1.0 X 16, Fmg	4
11	381502	(0000–	) Bearing, Split, 1.00b	4
12	382224	(0000–	) Plate, Sppt	2
13	39279	(0000–	) Screw, Hex, M8 X 1.25 X 70, 8.8	4
14	32491	(0000–	) Washer, Flat, 0.31, Std	7
15	1025495	(0000–	) Cable, Push / Pull, 063.0l 4.0, .31–24	1
16	58311	(0000–	) Clevis, Adj, 0.31pin, 0.31–24	2
17	20170	(0000–	) Nut, Hex, Jam, .31–24	2
18	69582	(0000–	) Pin, Clevis, 0.31d X 1.00l	2
19	08179	(0000–	) Pin, Cotter, .094 X 1.00	2
20	1022736	(0000–	) Bracket, Mtg, Cable	1
21	16931	(0000–	) Screw, Hex, M8 X 1.25 X 20, 8.8	2
22	1022243	(0000–	) Shaft Wldt, Pedal, Brake	1
23	51109	(0000–	) Pad, Pedal, Brake, 3.96l 2.36w 0.75	1
24	23788	(0000–	) Ring, Retaining, Ext, 0.98d, [E–Ring]	2
25	86751	(0000–	) Bearing, Pillowblock, 1.02b [Solid Pye]	2
26	06548	(0000–	) Screw, Hex, M6 X 1.0 X 60, 8.8	4
27	32490	(0000–	) Washer, Flat, 0.25 Std	8
28	08708	(0000–	) Nut, Hex, Lock, M6 X 1.0, NI	6
29	54607	(0000–	) Spring, Tors, 1.13id .12wir 02.3coil Rh	2
30	1025487	(0000–	) Pedal, Brake, Lock	1
31	46563	(0000–	) Bushing, Sleeve, 0.37b 0.50d 0.50l, Oib	1
32	59009	(0000–	) Spring, Tors, 0.75id .06wir 02.8coil	1
33	06955	(0000–	) Screw, Hex, M8 X 1.25 X 35, 8.8	1
34	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	1
35	71367	(0000–	) Spring, Wir, 0.08d, Brake, Parking	1
36	06942	(0000–	) Screw, Hex, M6 X 1.0 X 16, 8.8	2
37	59962	(0000–	) Switch, Snap, 15A Nc, Rlr	1
38	313174	(0000–	) Cs, Bracket, Mtg, Switch	1
39	24199	(0000–	) Screw, Hex, M5 X 0.80 X 16, Ss	2
40	09739	(0000–	) Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
41	01683	(0000–	) Washer, Flat, 10, Ss	2

Fig. 26 – Directional Pedal and Linkage Group, Diesel

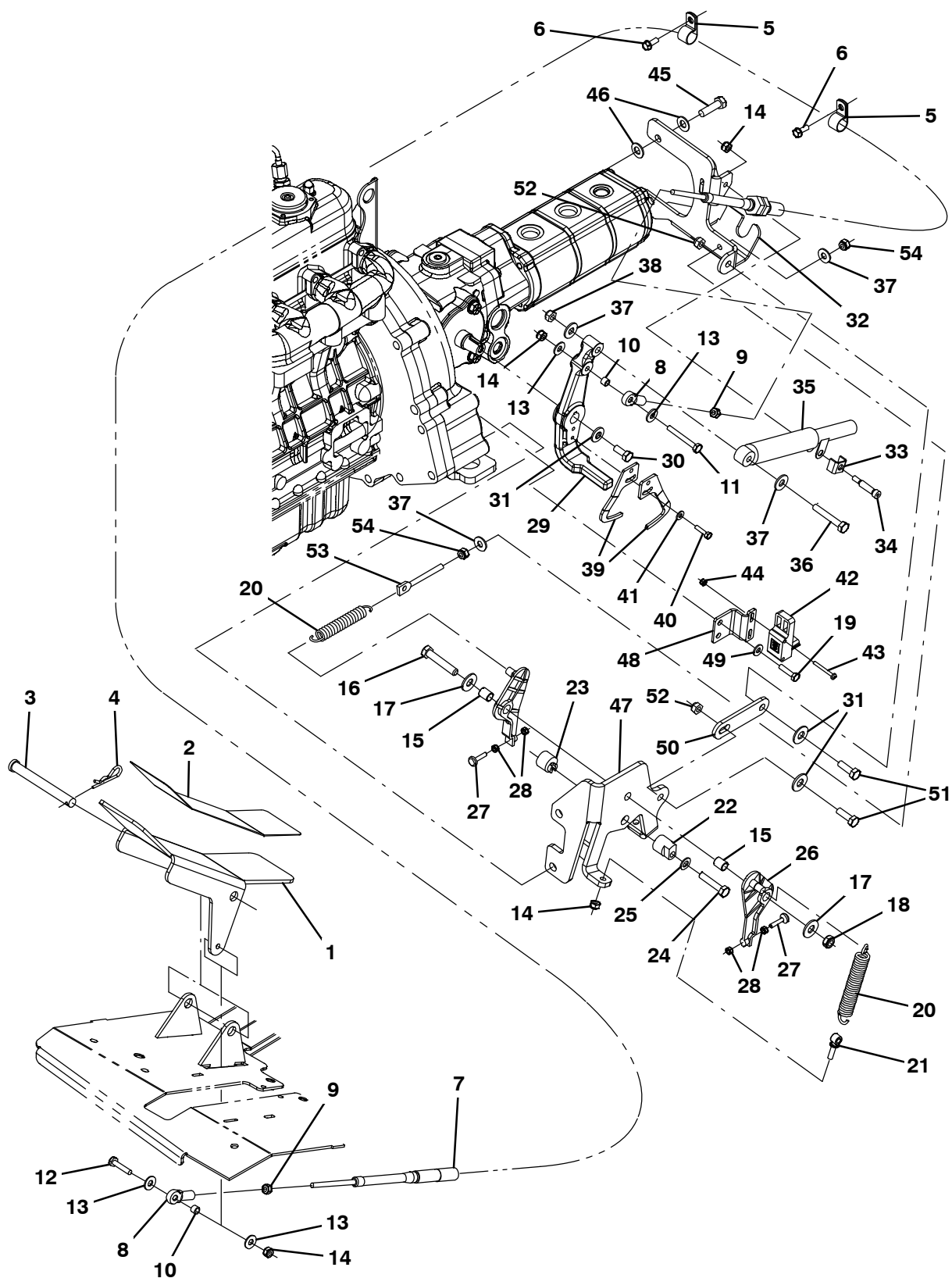


Fig. 26 – Directional Pedal and Linkage Group, Diesel

Ref.	Part No.	Serial Number	Description	Qty.
1	1025140	(0000–	) Pedal, Propel	1
2	58819	(0000–	) Tread, Non-Skid, 03.0w 11.6l	1
3	59668	(0000–	) Pin, Clevis, 0.50 D X 4.50l	1
4	08182	(0000–	) Pin, Cotter, .125 X 1.00	1
5	67767	(0000–	) Clamp, Cable, Stl, 0.69d X 0.62w, 1h	2
6	361339	(0000–	) Screw, Hex, M6 X 1.0 X 16, Fmg	2
7	1022345	(0000–	) Cable, Push / Pull, 098.0l .25–28/.25–28	1
8	68866	(0000–	) Rod-End, .25–28rh Fem 0.25b [Teflon]	2
9	01714	(0000–	) Nut, Hex, Std, .25–28	2
10	65441	(0000–	) Tube, 00.38d 00.26b 00.3l Stl Plt	2
11	41399	(0000–	) Screw, Hex, .25–20 X 2.25, Ss	1
12	42180	(0000–	) Screw, Hex, .25–20 X 1.75, Ss	1
13	32490	(0000–	) Washer, Flat, 0.25 Std	5
14	41169	(0000–	) Nut, Hex, Lock, .25–20, NI, Ss	4
15	63234	(0000–	) Tube, 00.50d 00.38b 00.6l Stl	2
16	42467	(0000–	) Screw, Hex, .38–16 X 2.00, Ss	1
17	32492	(0000–	) Washer, Flat, 0.38 Std	2
18	36643	(0000–	) Nut, Hex, Lock, .38–16, NI, Thin	1
19	21197	(0000–	) Screw, Hex, .38–16 X 1.00, 5	2
20	11842	(0000–	) Spring, Extn, 0.75od X 0.12wir, 4.3l	2
21	48079	(0000–	) Bolt, Eye, .25–20 X 1.40 X .25 Eye	1
22	53947	(0000–	) Cam, Centering, Pintle	1
23	54655	(0000–	) Cam, Centering, Pintle	1
24	74440	(0000–	) Screw, Hex, M8 X 1.25 X 40, Ss, NI	1
25	39349	(0000–	) Washer, Flat, 0.31 Sae	1
26	53953	(0000–	) Arm, Cntrl, Pintle, Centering	2
27	54205	(0000–	) Bumper, Rbr, 0.5d 0.16t M5 X 08	2
28	50335	(0000–	) Nut, Hex, Std, M5 X 0.8, 8	4
29	1027233	(0000–	) Arm, Pintle	1
30	83879	(0000–	) Screw, Hex, .31–24 X 0.75, NI	1
31	41186	(0000–	) Washer, Belleville, .31	3
32	1027313	(0000–	) Bracket Wldt, Propel, Pintle	1
33	84170	(0000–	) Bracket, Retainer, Safety	1
34	16213	(0000–	) Bolt, Shld, .31d X 1.00, .25–20	1
35	73411	(0000–	) Shock Absorber, 2.3 Strk	1
36	39278	(0000–	) Screw, Hex, M8 X 1.25 X 50, 8.8	1
37	32491	(0000–	) Washer, Flat, 0.31 Std	2
38	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	1
39	1022787	(0000–	) Arm [Positioning]	2
40	09252	(0000–	) Screw, Hex, M5 X 0.8 X 20, 8.8	2
41	01683	(0000–	) Washer, Flat, #10 Ss	2
42	1022779	(0000–	) Sensor, Spd / Dir, 6–30vdc	1
43	09198	(0000–	) Screw, Pan, M4 X 0.7 X 35, Ss	2
44	33932	(0000–	) Nut, Hex, Lock, M4 X 0.7, NI, Ss	2
45	21198	(0000–	) Screw, Hex, .38–16 X 1.25, G5	2
46	32485	(0000–	) Washer, Flat, 0.38 Sae	4
47	1027692	(0000–	) Bracket, Propel, Dsl	1
48	1027742	(0000–	) Bracket, Mtg, Sensor	1
49	32483	(0000–	) Washer, Flat, 0.25, Sae	2
50	1032399	(0000–	) Strap, Sppt	1
51	09010	(0000–	) Screw, Hex, M8 X 1.25 X 25, Ss	2
52	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
53	386088	(0000–	) Bolt, Eye, M8X1.25, 2.75L	1
54	07786	(0000–	) Nut, Hex, Std, M8 X 1.25, Ss	2

Fig. 27 – Hopper Lift Arms Group

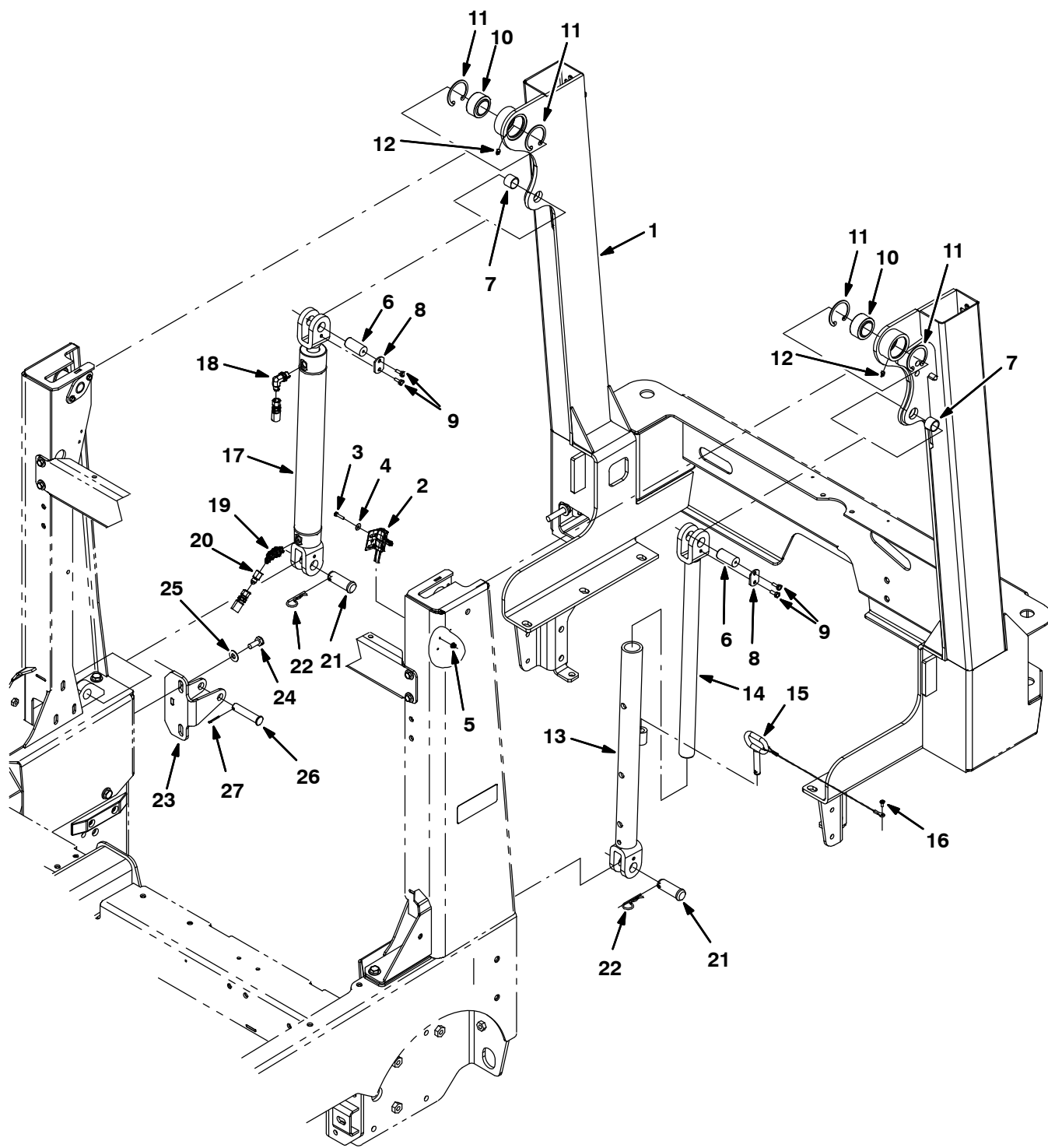


Fig. 27 – Hopper Lift Arms Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1018241	(0000-0455	) Frame Wldt, Lift, Hppr	1
1	1069933	(0456-	) Frame Wldt, Lift, Hppr	1
2	23211	(0000-	) Switch, Snap, 15a No, Rlr	1
3	09252	(0000-	) Screw, Hex, M5 X 0.8 X 20, 8.8	2
4	19066	(0000-	) Washer, Flat, #10	2
5	07789	(0000-	) Nut, Hex, Flng, M5 X 0.8	2
6	1018226	(0000-	) Pin, 0.87d 01.8l, 1/M6 X 1.0, 1cham,Stl	2
7	364587	(0000-	) Bushing, Sleeve, 0.88b 1.00d 0.75l, Bnz	2
8	72897	(0000-	) Plate, Pin, Clevis, Upper	2
9	1040467	(0000-	) Screw, Hex, M6 X 1.0 X 20, 9.8, Sems	4
10	42120-1	(0000-	) Bearing, Self Align, 1.25b 2.00d	2
11	59542	(0000-	) Ring, Retaining, Int, 2.00d	4
12	07259	(0000-	) Fitting, Grease, Str Pm04 .47l	2
13	1018260	(0000-	) Tube Wldt, Arm, Safety	1
14	1018262	(0000-	) Rod Wldt, Arm, Safety	1
15	1018266	(0000-	) Pin, Arm, Safety	1
16	16944	(0000-	) Screw, Hex, M4 X 0.7 X 10, Fmg	1
17	1029646	(0000-	) Cylinder, Hyd, 2.0B 24.1L 15.00Strk 3000	1
18	47638	(0000-	) Fitting, Hyd, E90, Jm04/Om06	1
19	393215	(0000-	) Fitting, Hyd, E45, Jm04/Om06	1
20	1025904	(0000-	) Fitting, Hyd, Rst, Jf04/Jm04, .028	1
21	1018227	(0000-	) Pin, Clevis, 0.88d X 2.25l	2
22	02942	(0000-	) Pin, Cotter, Hair, 0.62d .120 Wir	2
23	1018275	(0000-	) Plate Wldt, Arm, Stop	1
24	09028	(0000-	) Screw, Hex, M10 X 1.5 X 25, Ss	2
25	01686	(0000-	) Washer, Flat, 0.44b 1.00d .08, Ss	2
26	1018276	(0000-	) Pin, Clevis, 0.62d X 2.91l	1
27	08179	(0000-	) Pin, Cotter, .094 X 1.00	1

Fig. 28 – Hopper and Debris Screen Group

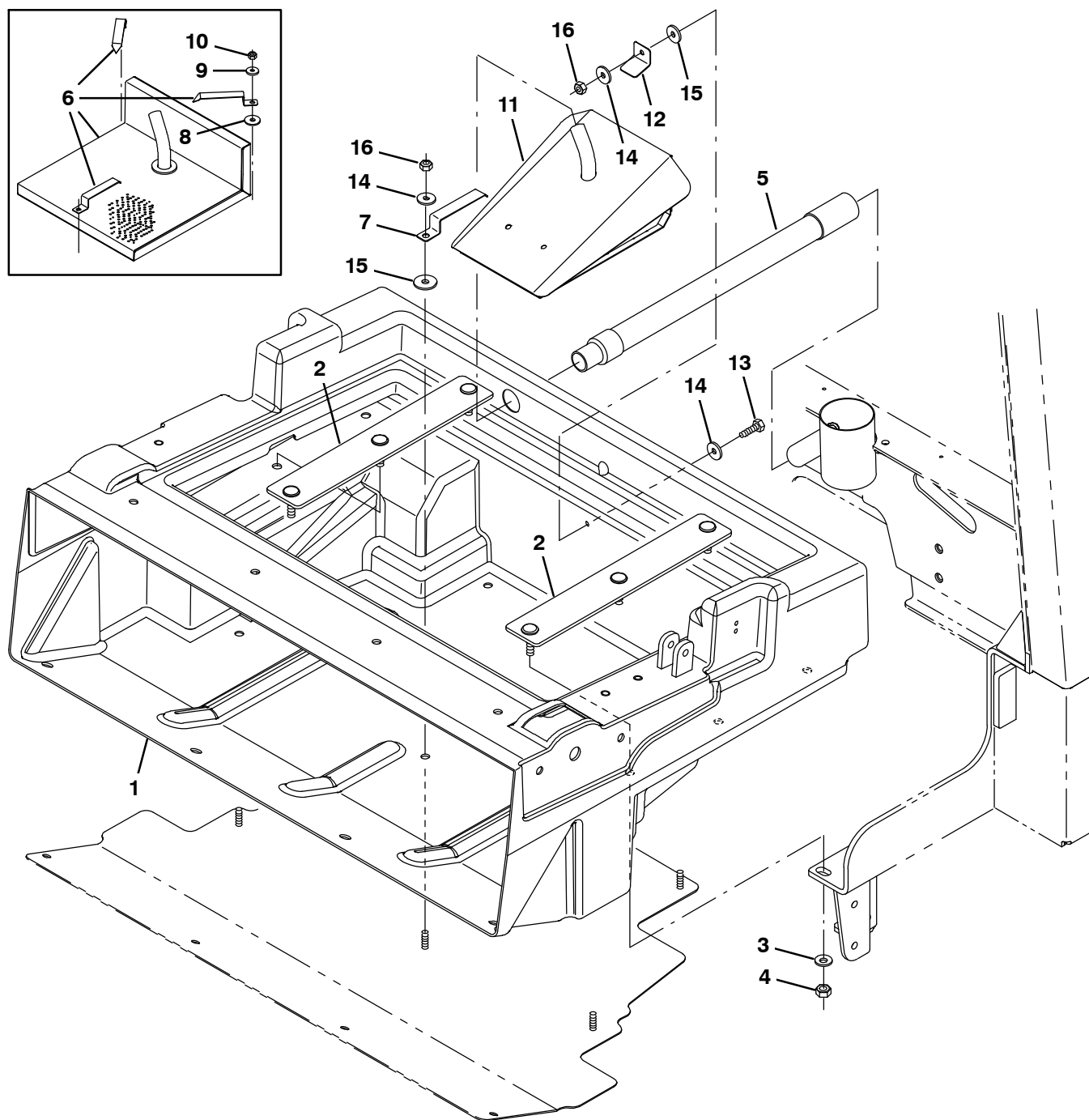


Fig. 28 – Hopper and Debris Screen Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1018300	(0000–	) Hopper, Debris, Rm–Hg, Trimmed	1
2	1018272	(0000–	) Bar, Mtg, Hppr	2
3	763042	(0000–	) Washer, Flat, Belleville, M10	6
4	08714	(0000–	) Nut, Hex, Lock, M10 X 1.5, NI, Ss	6
5	1018239	(0000–	) Hose Assy, W/1cuff, 1.0d 09l 1.0/	1
6	9003774	(0000–0023	) Screen Kit, Hppr, Replmt [M20]	1
7	1044323	(0024–	) Spring, Flat, Retainer, Angled Screen	1
8	222268	(0000–0023	) Washer, Flat, 0.38b 1.25d .12, Neo	3
9	1017218	(0000–0023	) Washer, Flat, 0.32b 1.00d .12, Ss	3
10	08713	(0000–0023	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	3
11	1039163	(0024–	) Screen Wldt, Hppr	1
12	1039215	(0024–	) Angle, Retainer	1
13	09010	(0024–	) Screw, Hex, M8 X 1.25 X 25, Ss	1
14	1017218	(0024–	) Washer, Flat, 0.32b 1.00d .12, Ss	3
15	222268	(0024–	) Washer, Flat, 0.38b 1.25d .12, Neo	2
16	08713	(0024–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	2

Fig. 29 – Hopper Cover and Dust Filter Group

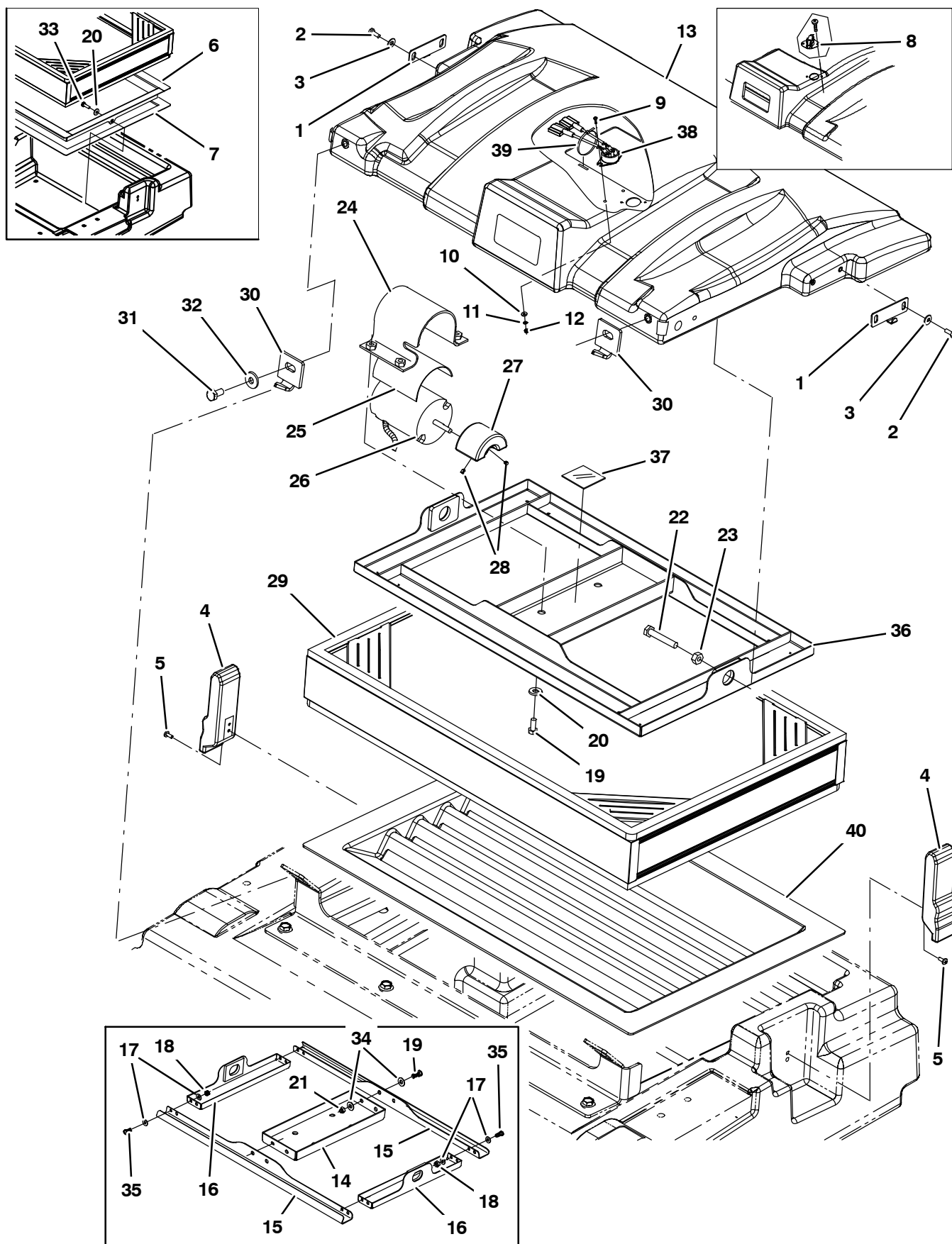


Fig. 29 – Hopper Cover and Dust Filter Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1041984	(0000–	) Bracket, Cover, Hppr	2
2	15678	(0000–	) Screw, Hex, M6 X 1.0 X 16, Ss	4
3	01684	(0000–	) Washer, Flat, 0.25, Ss	4
4	360824	(0000–	) Latch	2
5	09200	(0000–	) Screw, Pan, M5 X 0.8 X 12, Ss	4
6	1033591	(0000–0026	) Tray Wldt, Perma–filter (Replaced By none)	1
7	1015220	(0000–0026	) Seal, Afmkt, Ure, Adh, 0.38, 0.75w 08ft (Replaced By none)	1
8	9003444	(0000–0051	) Sensor Kit, Repair [Thermo–Sentry, M20]	1
9	06922	(0000–	) Screw, Pan, M3 X 0.5 X 20, 4.8	2
10	19064	(0000–	) Washer, Flat, #06	2
11	32975	(0000–	) Washer, Lock, Int, #06	2
12	01754	(0000–	) Nut, Hex, Std, M3 X 0.5, 8	2
13	1041006	(0000–	) Cover, Hppr	1
14	1018203	(0000–0021	) Plate, Shakr	1
15	360952	(0000–0021	) Plate, Shakr, Bar	2
16	1017944	(0000–0021	) Plate Wldt, Shakr, Side	2
17	32483	(0000–0021	) Washer, Flat, 0.25 Sae	16
18	08712	(0000–0021	) Nut, Hex, Lock, M6 X 1.0, Ss, NI	8
19	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	8
20	01685	(0000–	) Washer, Flat, 0.31, Ss	6
21	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	4
22	06957	(0000–0051	) Screw, Hex, M8 X 1.25 X 60, 8.8	2
22	06963	(0052–	) Screw, Hex, M10 X 1.50 X 60, 8.8	2
23	39311	(0000–0051	) Nut, Hex, Std, M8 X 1.25	2
23	39312	(0052–	) Nut, Hex, Std, M10 X 1.50	2
24	1037671	(0000–	) Strap, Mtg, Motor, .124.00W	1
25	36658	(0000–	) Strip, Rbr, 0.06 04.00w 05.0l Neo/60	1
26	1041920	(0000–xxxx	) Motor, Ele [12vdc, Shaker]	1
26	1059542	(xxxx–	) Motor, Ele 12Vdc, Shakr	1
27	1049242	(0000–xxxx	) Weight, Eccentric	1
27	1053320	(xxxx–	) Weight, Eccentric	1
28	20634	(0000–	) Screw, Set, #10–24 X 0.25, NI	2
29	1048295AM	(0000–	) Filter, Panl, Dust, 4.2 X 20.0 X 30.0	1
30	1018207	(0000–	) Bar, Mtg, Hppr Cover	2
31	09291	(0000–	) Screw, Hex, M10 X 1.5 X 20, Ss	2
32	1014563	(0000–	) Washer, Flat, 0.40b 1.12d .12, Ss	2
33	39277	(0000–	) Screw, Hex, M8 X 1.25 X 25, 8.8	2
34	01685	(0000–0021	) Washer, Flat, 0.31, Ss	8
35	15678	(0000–0021	) Screw, Hex, M6 X 1.0 X 16, Ss	8
36	1037235	(0022–	) Shaker Wldt	1
37	36661	(0022–	) Strip, Rbr, 0.06 01.00W 04.0L	1
38	1036611	(0052–xxxx	) Switch, Temp [160F]	1
38	1056298	(xxxx–	) Switch, Temp, Sealed, Nc	1
39	763116	(0052–	) Tie, Cable, Nyl, 15.3L . W 4.5 Max D	1
40	1037947	(0027–	) Tray, Perma–Filter	1

Fig. 30 – Hopper Bumper Group

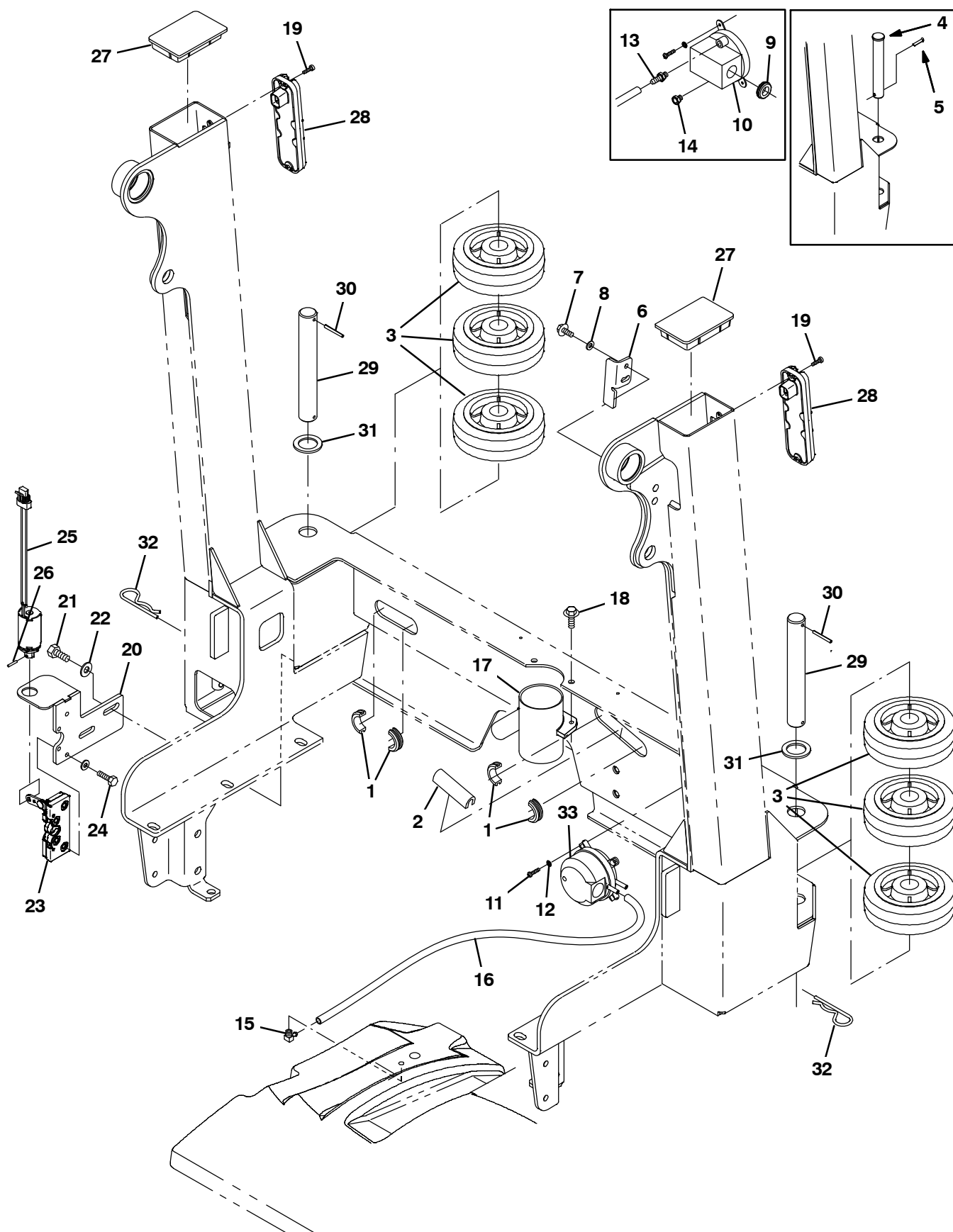


Fig. 30 – Hopper Bumper Group

Ref.	Part No.	Serial Number	Description	Qty.
1	10632-1	(0000-xxxx)	Grommet, Rbr, 1.06id, F/1.4h, .19 Matl	2
1	10632-13	(xxxx-)	Grommet, Rbr, 1.50id, F/1.8h, .19 Matl	2
2	50646	(0000-)	Molding, Trim, Pvc,.18-.31 07.5l	1
3	1021047	(0000-)	Wheel, 06.0d 2.00w 1.19b, Gray Rbr	6
4	9006334	(0000-0206)	Pin Kit, Wheel, Ci [M20/T20/M30]	2
5	08171	(0000-0206)	Pin, Cotter, .156 X 2.00	2
6	1018240	(0000-)	Bracket, Mtg, Switch	1
7	361339	(0000-)	Screw, Hex, M6 X 1.0 X 16, Fmg	2
8	32483	(0000-)	Washer, Flat, 0.25 Sae	2
9	10632-4	(0000-0185)	Grommet, Rbr, 0.62id, F/0.9h, .06 Matl	1
10	39924	(0000-0185)	Switch, Press, Spdt 0008psi	1
11	12323	(0000-)	Screw, Pan, M4 X 0.7 X 20, Ss	2
12	02938	(0000-)	Washer, Lock, Int, #08, Ss	2
13	40607	(0000-0185)	Fitting, Brs, Str, Bm03/Pm02	1
14	82739	(0000-0185)	Fitting, Brs, Breather [02mp]	1
15	32183	(0000-)	Fitting, Brs, E90, Pm02/Bm03	1
16	1031575	(0000-)	Hose, Afmkt, Vacuum, 0.16id, 03ft	1
17	1036240	(0000-)	Tube, Vacuum	1
18	1037346	(0000-)	Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	2
19	06928	(0000-)	Screw, Pan, M4 X 0.7 X 20, 4.8	4
20	1018280	(0000-)	Plate Wldt, Mtg, Solenoid	1
21	09028	(0000-xxxx)	Screw, Hex, M10 X 1.5 X 25, Ss	2
21	12309	(xxxx-)	Screw, Hex, M12 X 1.75 X 30, Ss	2
22	32492	(0000-xxxx)	Washer, Flat, 0.38 Std	2
22	32486	(xxxx-)	Washer, Flat, 0.50, Sae	2
23	21623	(0000-)	Latch	1
24	06944	(0000-)	Screw, Hex, M6 X 1.0 X 25, 8.8	4
25	1018274	(0000-)	Solenoid, Pull, 12vdc, Damper	1
26	20021	(0000-)	Pin, Roll, .125 D X 0.75l, .125/.129	1
27	1018293	(0000-)	Cap, Arm, Lift	2
28	1018208	(0000-)	Light, Tail, 12vdc	2
29	1053838	(0207-)	Pin, 30mmd X 215mml	2
30	23146	(0207-)	Pin, Roll, .187d X 1.62l, .187/.192	2
31	1062566	(0207-)	Washer, Flat, 1.26B 1.88D .13, Stl, Pl	2
32	34411	(0207-)	Pin, Cotter, Hair, 1.00d .178 Wir	2
33	1052885	(0186-)	Switch, Press, Adj [4-16 In Wtr]	1

Fig. 31 – Hopper Door Group (0000–0204)

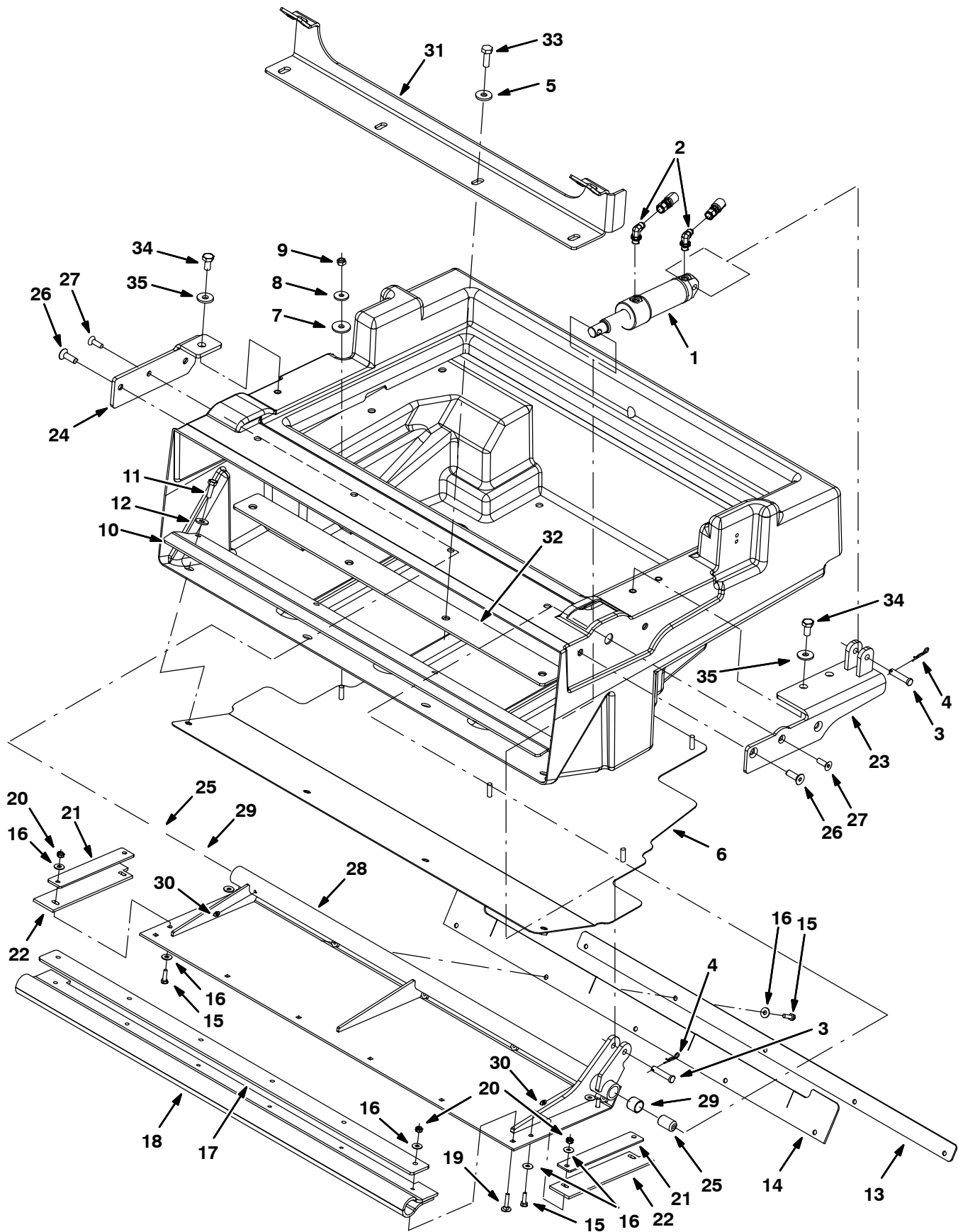


Fig. 31 – Hopper Door Group (0000–0204)

Ref.	Part No.	Serial Number	Description	Qty.
1	1038115	(0000–0204	) Cylinder, Hyd, 1.5b 07.8l 02.75strk 2500	1
2	77097	(0000–0204	) Fitting, Hyd, E90, Jm04/Om04	2
3	17461	(0000–0204	) Pin, Clevis, 0.37d X 1.75l	2
4	08179	(0000–0204	) Pin, Cotter, .094 X 1.00	2
5	1014563	(0000–0204	) Washer, Flat, 0.40b 1.12d .12, Ss	4
6	1018237	(0000–0204	) Plate, Bottom, Hppr	1
7	222268	(0000–0204	) Washer, Flat, 0.38b 1.25d .12, Neo	2
8	1017218	(0000–0204	) Washer, Flat, 0.32b 1.00d .12, Ss	2
9	08713	(0000–0204	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
10	1018236	(0000–0204	) Bracket, Lip, Hppr	1
11	09010	(0000–0204	) Screw, Hex, M8 X 1.25 X 25, Ss	4
12	01685	(0000–0204	) Washer, Flat, 0.31, Ss	4
13	1018244	(0000–0204	) Strap, Door, Dump	1
14	1018245	(0000–0204	) Seal, Door, Dump	1
15	08716	(0000–0204	) Screw, Hex, M6 X 1.0 X 20, Ss	9
16	01684	(0000–0204	) Washer, Flat, 0.25, Ss	19
17	1018196	(0000–0204	) Plate, Retainer, Door, Dump	1
18	1018197	(0000–0204	) Seal, Door, Dump	1
19	379791	(0000–0204	) Bolt, Carriage, M06 X 1.0 X 30	6
20	08712	(0000–0204	) Nut, Hex, Lock, M6 X 1.0, Ss, NI	10
21	1018194	(0000–0204	) Strap, Door, Dump, Side	2
22	1018199	(0000–0204	) Seal, Door, Dump, Side	2
23	1018210	(0000–0204	) Bracket Wldt, Pivot, Hppr Door, Lh	1
24	1018202	(0000–0204	) Bracket, Pivot, Hppr Door, Rh	1
25	1018193	(0000–0204	) Bushing, Pivot, Door	2
26	395825	(0000–0204	) Screw, Flt, M10 X 1.5 X 30, Ss 18–8	4
27	07810	(0000–0204	) Screw, Flt, M8 X 1.25 X 25, 10.9	2
28	1016463	(0000–0204	) Door Wldt, Hppr	1
29	64379	(0000–0204	) Bushing, Sleeve, 0.75b 0.88d 0.75l, Tef	2
30	07259	(0000–0204	) Fitting, Grease, Str Pm04 .47l	2
31	1018206	(0000–0204	) Bracket, Cover	1
32	1018253	(0000–0204	) Bracket, Cover	1
33	12317	(0000–0204	) Screw, Hex, M10 X 1.5 X 30, Ss	4
34	09291	(0000–0204	) Screw, Hex, M10 X 1.5 X 20, Ss	3
35	1014563	(0000–0204	) Washer, Flat, 0.40b 1.12d .12, Ss	3

Fig. 32 – Hopper Door Group (0205–)

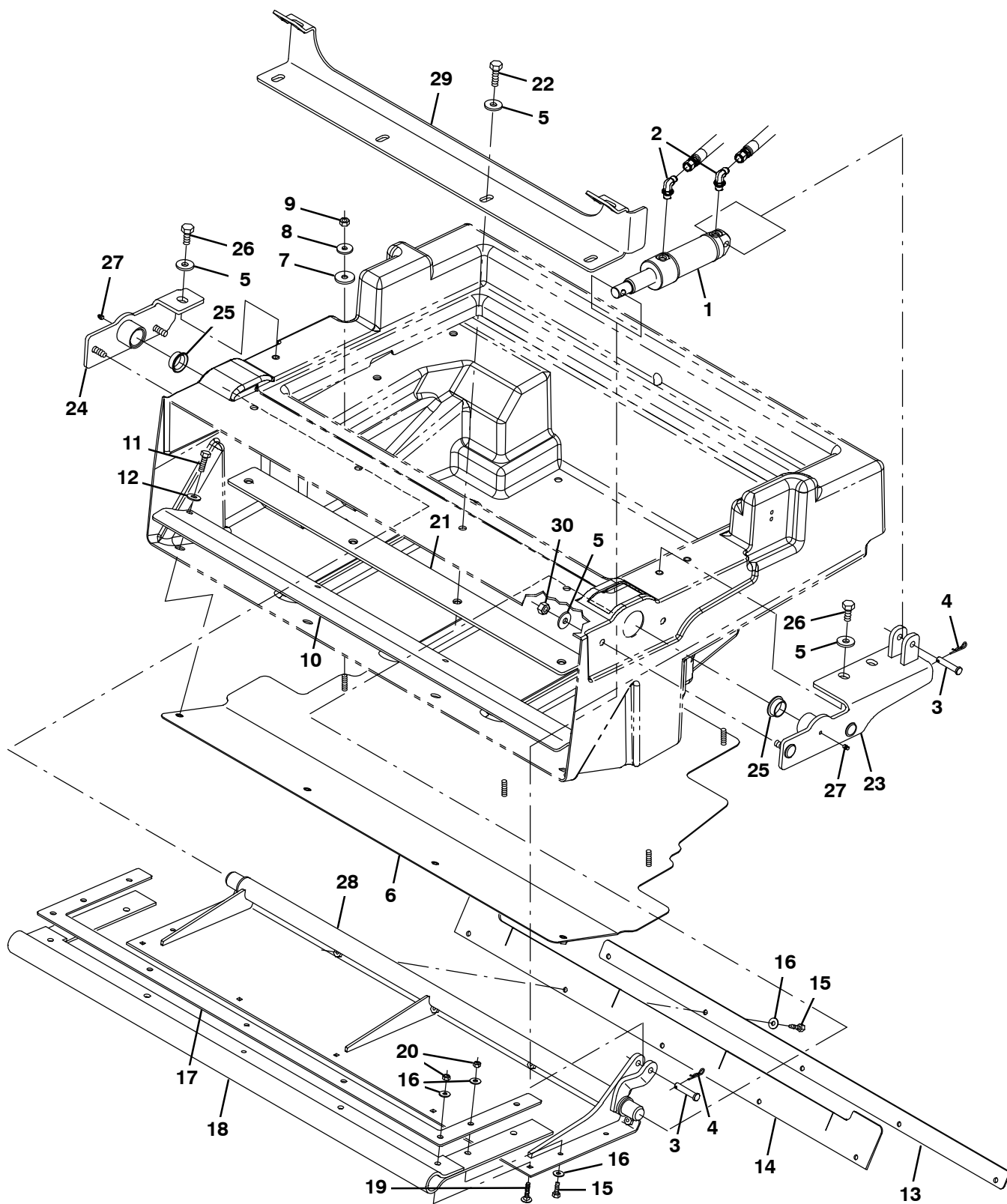


Fig. 32 – Hopper Door Group (0205–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1038115	(0205–)	Cylinder, Hyd, 1.5b 07.8l 02.75strk 2500	1
2	77097	(0205–)	Fitting, Hyd, E90, Jm04/Om04	2
3	17461	(0205–)	Pin, Clevis, 0.37d X 1.75l	2
4	08179	(0205–)	Pin, Cotter, .094 X 1.00	2
5	1014563	(0205–)	Washer, Flat, 0.40b 1.12d .12, Ss	11
6	1018237	(0205–)	Plate, Bottom, Hppr	1
7	222268	(0205–)	Washer, Flat, 0.38b 1.25d .12, Neo	2
8	1017218	(0205–)	Washer, Flat, 0.32b 1.00d .12, Ss	2
9	08713	(0205–)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
10	1018236	(0205–)	Bracket, Lip, Hppr	1
11	09010	(0205–)	Screw, Hex, M8 X 1.25 X 25, Ss	4
12	01685	(0205–)	Washer, Flat, 0.31, Ss	4
13	1039155	(0205–)	Strap, Door, Dump	1
14	1018245	(0205–)	Seal, Door, Dump	1
15	08716	(0205–)	Screw, Hex, M6 X 1.0 X 20, Ss	9
16	01684	(0205–)	Washer, Flat, 0.25, Ss	14
17	1039149	(0205–)	Plate, Retainer, Door, Dump	1
18	1039157	(0205–)	Seal, Door, Dump	1
19	379791	(0205–)	Bolt, Carriage, M06 X 1.0 X 30	5
20	08712	(0205–)	Nut, Hex, Lock, M6 X 1.0, Ss, NI	9
21	1018253	(0205–)	Bracket, Cover	1
22	12317	(0205–)	Screw, Hex, M10 X 1.5 X 30, Ss	4
23	1038123	(0205–)	Bracket Wldt, Pivot, Hppr Door, Lh	1
24	1038134	(0205–)	Bracket Wldt, Pivot, Hppr, Rh	1
25	367313	(0205–)	Bushing, Flng, 1.00b 1.13d 0.50l	2
26	09291	(0205–)	Screw, Hex, M10 X 1.5 X 20, Ss	3
27	07259	(0205–)	Fitting, Grease, Str Pm04 .47l	2
28	1039124	(0205–)	Door Wldt, Hppr	1
29	1044993	(0205–)	Bracket, Cover, Hopper	1
30	08714	(0205–)	Nut, Hex, Lock, M10 X 1.5, NI, Ss	4

Fig. 33 – Brush Drive Group, Left Side

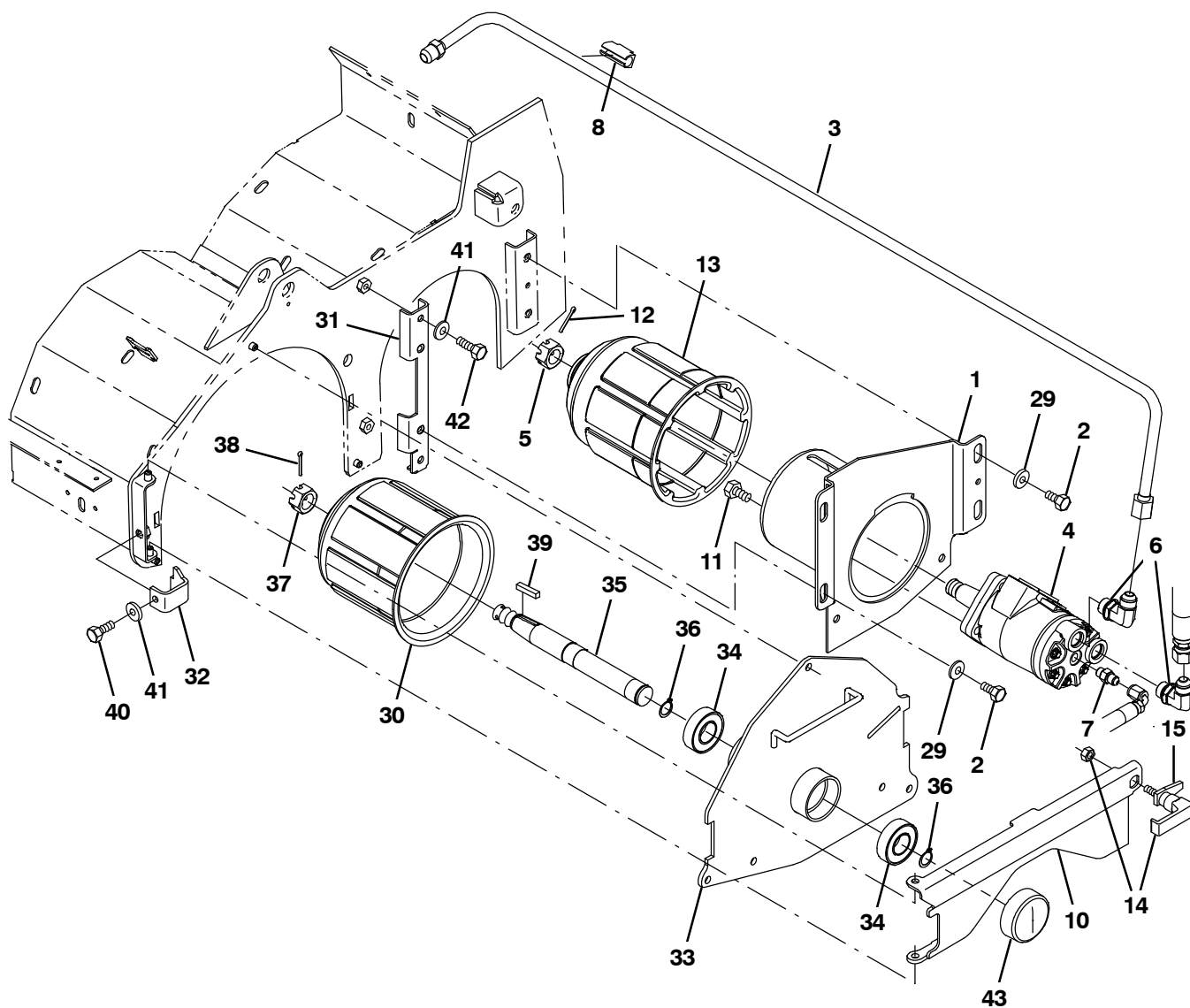
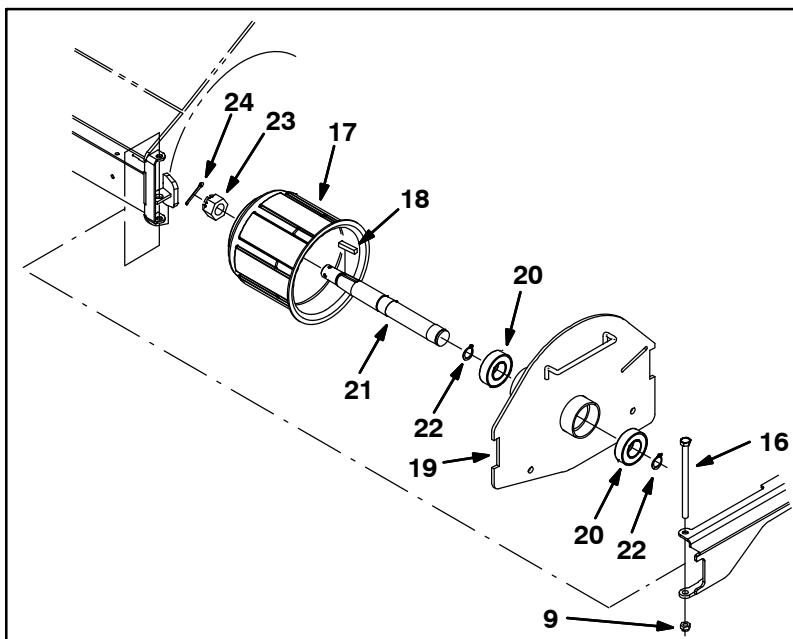
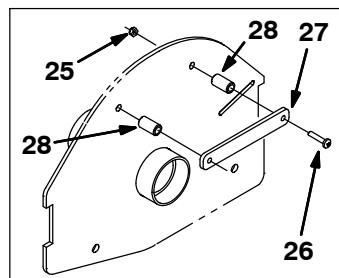


Fig. 33 – Brush Drive Group, Left Side

Ref.	Part No.	Serial Number	Description	Qty.
	1	1021019	(0000–) Housing Wldt, Brush, Drive	1
	2	15675	(0000–) Screw, Hex, M8 X 1.25 X 16, Ss	4
	3	1023617	(0000–) Tube, Hyd, 08 Jf08/Jm08	1
	4	71729	(0000–0447) Motor, Hyd, Gear, Int 04.5 Bi–Dir 1500 (See Breakdowns)	1
▽	4	1068811	(0448–) Motor, Hyd, Gear, Int 04.5 Bi–Dir 1500	1
▲	5	39527	(0000–) Nut, Hex, Sltd, .75–18	1
	6	44868	(0000–) Fitting, Hyd, E90, Jm08/Om08	2
	7	55586	(0000–) Fitting, Hyd, Str, Jm04/Om04	1
	8	1026080	(0000–) Clamp, Hyd, 0.50d	1
	9	08713	(0000–0439) Nut, Hex, Lock, M8 X 1.25, NI, Ss	1
	10	1029964	(0000–) Door Wldt, Brush	1
	11	01762	(0000–) Screw, Hex, .38–16 X 0.75, NI	4
	12	08175	(0000–) Pin, Cotter, .125 X 1.25	1
	13	87631	(0000–0447) Plug Wldt, Drive, Brush, Sweep	1
	13	1057643	(0448–) Plug Wldt, Drive, Brush, Sweep	1
	14	65695	(0000–) Latch	1
	15	1026352	(0000–) Pawl, Str	1
	16	70563	(0000–0439) Screw, Hex, M8 X 1.25 X 130, 8.8	1
▽		9006398	(0000–0439) Idler Assy, Brush, Replmt [M20/T20, M30]	1
▲	17	25686	(0000–0439) Plug Wldt, Drive, Brush	1
▲	18	00927	(0000–0439) Key, Sq, 0.25 X 0.25, 1.25l	1
▲	19	1038258	(0000–0439) Door Wldt, Brush, Idler	1
▲	20	13534	(0000–0439) Bearing, Ball, 0.98b 2.05d 0.59w	2
▲	21	56078	(0000–0439) Shaft, Brush, Idler	1
▲	22	09005	(0000–0439) Ring, Retaining, Ext, 1.00d, Basic	2
▲	23	12295	(0000–0439) Nut, Hex, Sltd, M20 X 2.5, 8	1
▲	24	08175	(0000–0439) Pin, Cotter, .125 X 1.25	1
	25	09739	(0000–xxxx) Nut, Hex, Lock, M5 X 0.8, NI, Ss	2
	26	17185	(0000–xxxx) Screw, Pan, M5 X 0.8 X 40, Ss	2
	27	1032743	(0000–xxxx) Plate, Handle	1
	28	222496	(0000–xxxx) Sleeve, P/M, 0.31b 0.50d 0.9l [430ss]	2
	29	32491	(0000–) Washer, Flat, 0.31, Std	4
	30	1054682	(0440–) Bracket, Retainer, Lh	1
	31	1054575	(0440–) Bracket, Sppt	1
▽		9012832	(0440–) Idler Door Kit, Replmt [M20/T20/M30]	1
▲	32	1054857	(0440–) Door Wldt, Brush, Idler	1
▲	33	25686	(0440–) Plug Wldt, Drive, Brush	1
▲	34	13534	(0440–) Bearing, Ball, 0.98b 2.05d 0.59w	2
▲	35	56078	(0440–) Shaft, Brush, Idler	1
▲	36	09005	(0440–) Ring, Retaining, Ext, 1.00d, Basic	2
▲	37	12295	(0440–) Nut, Hex, Sltd, M20 X 2.5, 8	1
▲	38	08175	(0440–) Pin, Cotter, .125 X 1.25	1
▲	39	00927	(0440–) Key, Sq, 0.25 X 0.25, 1.25l	1
	40	09740	(0440–) Screw, Hex, M8 X 1.25 X 20, Ss	1
	41	32491	(0440–) Washer, Flat, 0.31, Std	3
	42	09010	(0440–) Screw, Hex, M8 X 1.25 X 25, Ss	2
	43	1074807	(0822–) Cap, Vinyl, 57mmid X 23mml	1

Fig. 34 – Brush Drive Group, Right Side

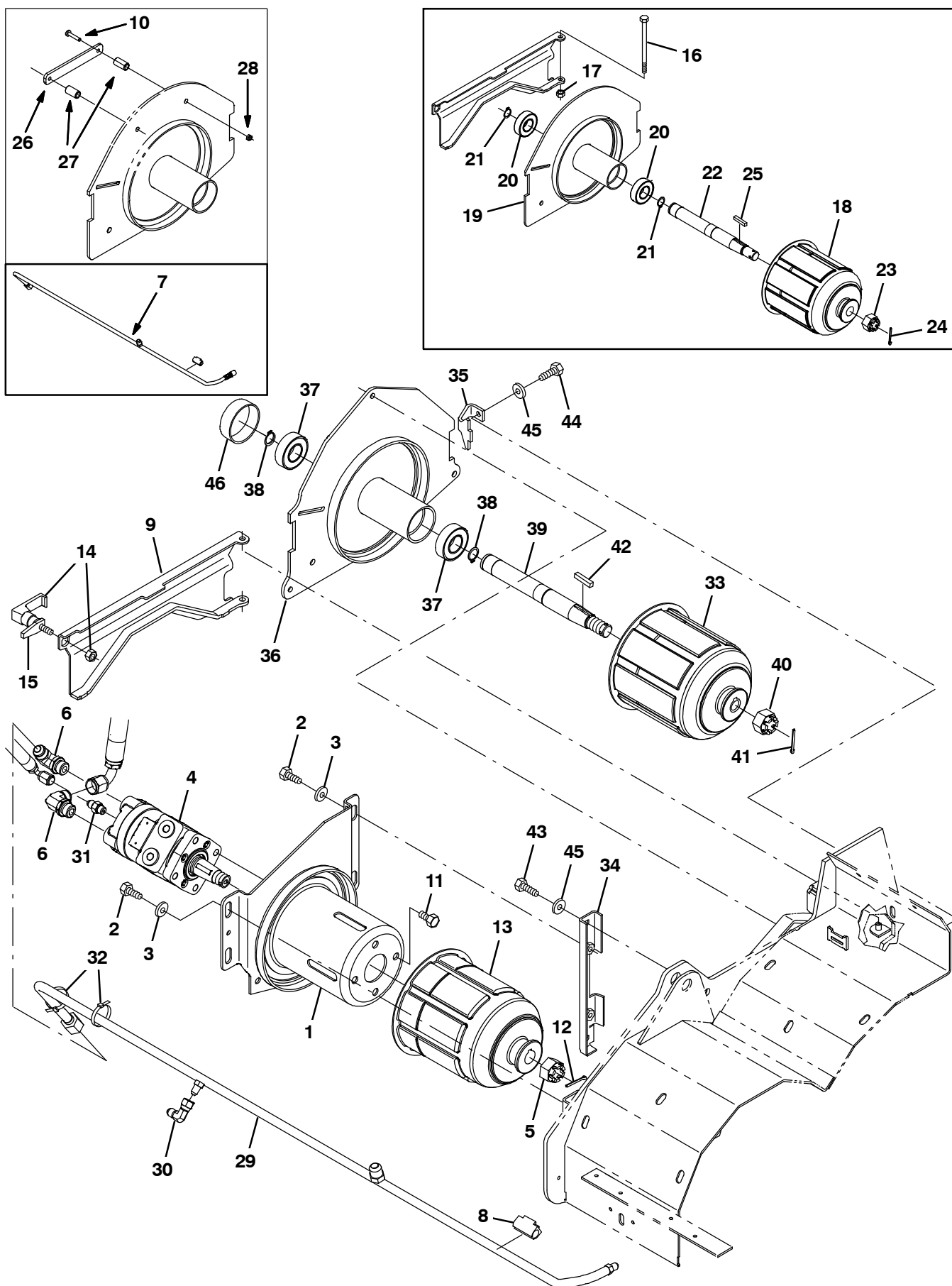


Fig. 34 – Brush Drive Group, Right Side

Ref.	Part No.	Serial Number	Description	Qty.
	1	1021019	(0000–) Housing Wldt, Brush, Drive	1
	2	15675	(0000–) Screw, Hex, M8 X 1.25 X 16, Ss	4
	3	32491	(0000–) Washer, Flat, 0.31, Std	4
	4	71729	(0000–0447) Motor, Hyd, Gear, Int 04.5 Bi–Dir 1500 (See Breakdowns)	1
▽	4	1068811	(0448–) Motor, Hyd, Gear, Int 04.5 Bi–Dir 1500	1
▲	5	39527	(0000–) Nut, Hex, Sltd, .75–18	1
	6	44868	(0000–) Fitting, Hyd, E90, Jm08/Om08	2
	7	9006386	(0000–0201) Tube Kit, Hyd, Case Drain [M20/T20]	1
	8	1026080	(0000–) Clamp, Hyd, 0.50d	1
	9	1029964	(0000–) Door Wldt, Brush	1
	10	17185	(0000–xxxx) Screw, Pan, M5 X 0.8 X 40, Ss	2
	11	01762	(0000–) Screw, Hex, .38–16 X 0.75, NI	4
	12	08175	(0000–) Pin, Cotter, .125 X 1.25	1
	13	87631	(0000–0447) Plug Wldt, Drive, Brush, Sweep	1
	13	1057643	(0448–) Plug Wldt, Drive, Brush, Sweep	1
	14	65695	(0000–) Latch	1
	15	1026352	(0000–) Pawl, Str	1
	16	70563	(0000–0439) Screw, Hex, M8 X 1.25 X 130, 8.8	1
	17	08713	(0000–0439) Nut, Hex, Lock, M8 X 1.25, NI, Ss	1
▽		9006398	(0000–0439) Idler Assy, Brush, Replmt [M20/T20, M30]	1
▲	18	25686	(0000–0439) Plug Wldt, Drive, Brush	1
▲	19	1038258	(0000–0439) Door Wldt, Brush, Idler	1
▲	20	13534	(0000–0439) Bearing, Ball, 0.98b 2.05d 0.59w	2
▲	21	09005	(0000–0439) Ring, Retaining, Ext, 1.00d, Basic	2
▲	22	56078	(0000–0439) Shaft, Brush, Idler	1
▲	23	12295	(0000–0439) Nut, Hex, Sltd, M20 X 2.5, 8	1
▲	24	08175	(0000–0439) Pin, Cotter, .125 X 1.25	1
▲	25	00927	(0000–0439) Key, Sq, 0.25 X 0.25, 1.25l	1
	26	1032743	(0000–xxxx) Plate, Handle	1
	27	222496	(0000–xxxx) Sleeve, P/M, 0.31b 0.50d 0.9l [430ss]	2
	28	09739	(0000–xxxx) Nut, Hex, Lock, M5 X 0.8, NI, Ss	2
	29	1055139	(0202–) Tube, Hyd, Brush Return, W/ Cd [M20/T20]	1
	30	39210	(0202–) Fitting, Hyd, E90, Jf04/Jm04	1
	31	55586	(0202–) Fitting, Hyd, Str, Jm04/Om04	1
	32	49266	(0202–) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	2
	33	1054610	(0440–) Bracket, Retainer, Rh	1
	34	1054575	(0440–) Bracket, Sppt	1
▽		9012832	(0440–) Idler Door Kit, Replmt [M20/T20/M30]	1
▲	35	1054857	(0440–) Door Wldt, Brush, Idler	1
▲	36	25686	(0440–) Plug Wldt, Drive, Brush	1
▲	37	13534	(0440–) Bearing, Ball, 0.98b 2.05d 0.59w	2
▲	38	09005	(0440–) Ring, Retaining, Ext, 1.00d, Basic	2
▲	39	56078	(0440–) Shaft, Brush, Idler	1
▲	40	12295	(0440–) Nut, Hex, Sltd, M20 X 2.5, 8	1
▲	41	08175	(0440–) Pin, Cotter, .125 X 1.25	1
▲	42	00927	(0440–) Key, Sq, 0.25 X 0.25, 1.25l	1
	43	09010	(0440–) Screw, Hex, M8 X 1.25 X 25, Ss	2
	44	09740	(0440–) Screw, Hex, M8 X 1.25 X 20, Ss	1
	45	32491	(0440–) Washer, Flat, 0.31, Std	3
	46	1074807	(0822–) Cap. Vinyl, 57mmid X 23mm	1

Fig. 35 – Brush Head Lift Group

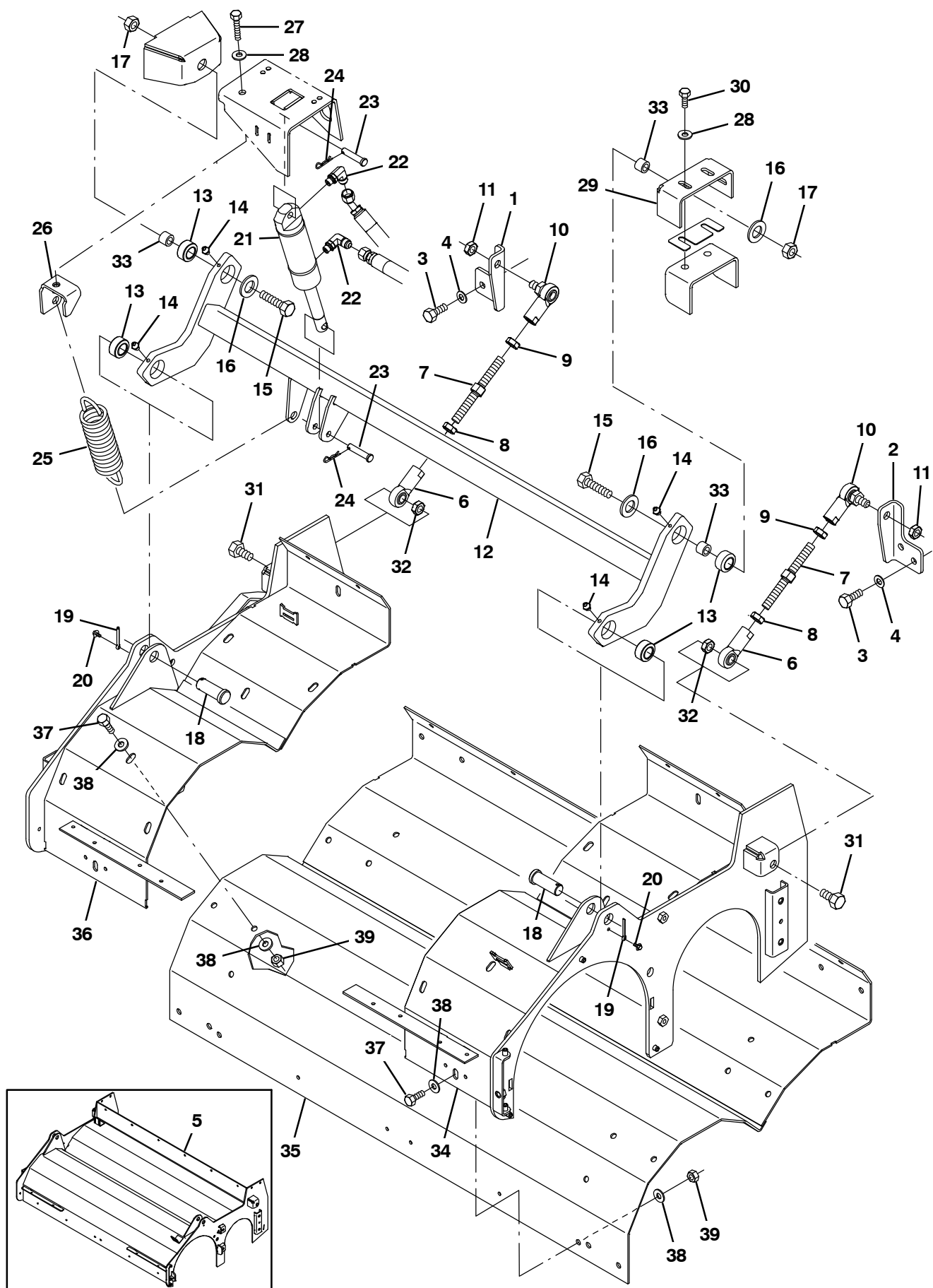


Fig. 35 – Brush Head Lift Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1030910	(0000–	) Bracket, Mtg, Scb Head, Rh	1
2	1030911	(0000–	) Bracket, Mtg, Scb Head, Lh	1
3	09028	(0000–	) Screw, Hex, M10 X 1.5 X 25, Ss	4
4	32485	(0000–	) Washer, Flat, 0.38 Sae	4
5	9010849	(0000–0439	) Scrub Kit, Conversion M20/T20/M30	1
6	67555	(0000–	) Rod–End, .50–20rh Fem 0.50b	2
7	1014705	(0000–	) Rod, Thrd, 2 End, .50–20 04.9l, Rh / Lh	2
8	48985	(0000–	) Nut, Hex, Jam, .50–20	2
9	71369	(0000–	) Nut, Hex, Jam, .50–20, Lh	2
10	382099	(0000–	) Rod–End, .50–20lh Fem 0.50–20stud	2
11	51824	(0000–	) Nut, Hex, Lock, .50–20, NI, Thin	2
12	1020003	(0000–	) Tube Wldt, Torque	1
13	42120	(0000–	) Bearing, Self Align, 0.75b 1.25d	4
14	07259	(0000–	) Fitting, Grease, Str Pm04 .47l	4
15	06969	(0000–	) Screw, Hex, M12 X 1.75 X 40, 8.8	2
16	41619	(0000–	) Washer, Flat, 0.56b 1.38d .11, Ss	2
17	09741	(0000–	) Nut, Hex, Lock, M12 X 1.75, NI, Ss	2
18	04733–12	(0000–	) Pin, Clevis, 0.75d X 2.00l	2
19	08236	(0000–	) Pin, Cotter, .156 X 1.25	2
20	223198	(0000–	) Screw, Hex, M5 X 0.8 X 10, Fmg	2
21	1038137	(0000–	) Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
22	77098	(0000–	) Fitting, Hyd, E90, Jm06/Om04	2
23	17461	(0000–	) Pin, Clevis, 0.37d X 1.75l	2
24	86866	(0000–	) Pin, Cotter, Hair, 0.38d .072 Wir	2
25	1042686	(0000–	) Spring, Extn, 2.00od 0.25wir 07.5l	1
26	1027810	(0000–	) Bracket, Mtg, Spring	1
27	763090	(0000–	) Screw, Hex, M8 X 1.25 X 60, FI	1
28	32491	(0000–	) Washer, Flat, 0.31, Std	4
29	1019146	(0000–	) Bracket, Mtg, Lift, Scb Head	1
30	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	3
31	39811	(0000–	) Screw, Hex, .50–13 X 1.50, 5	2
32	36644	(0000–	) Nut, Hex, Lock, .50–13, NI, Thin	2
33	1025100	(0000–	) Sleeve, P/M, 0.47b 0.75d 0.5l [430ss]	3
34	1052342	(0440–	) Bracket Wldt, Brush Wrap, Lh	1
35	1069562	(0440–	) Plate Wldt, Wrap, Brush	1
36	1052124	(0440–	) Bracket Wldt, Brush Wrap Mtg, Rh	1
37	09740	(0440–	) Screw, Hex, M8 X 1.25 X 20, Ss	10
38	32491	(0440–	) Washer, Flat, 0.31, Std	20
39	08713	(0440–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	10

Fig. 36 – Brush Head Skirt Group

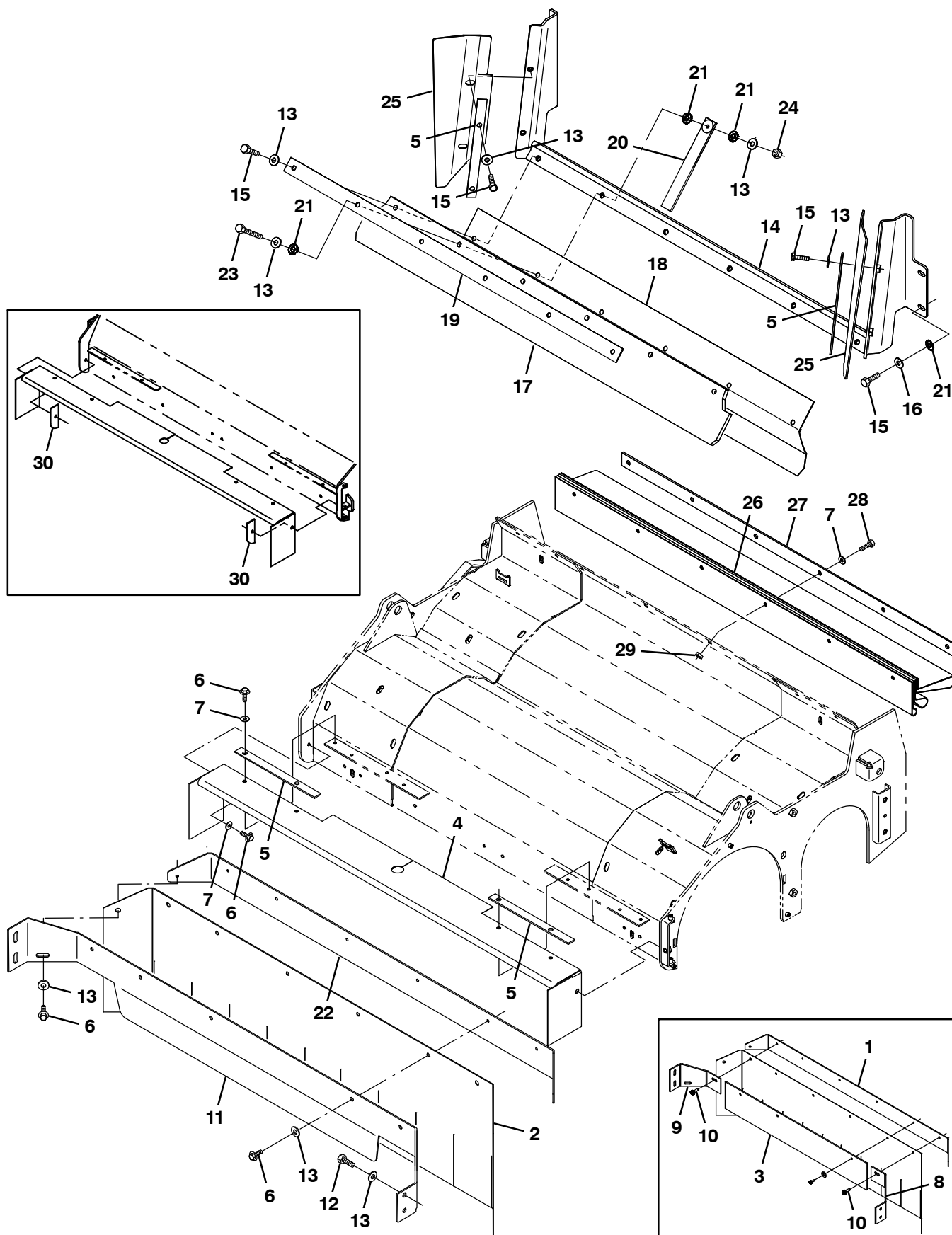


Fig. 36 – Brush Head Skirt Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1020208	(0000-0035)	) Plate, Skirt, Front	1
2	1020166	(0000-)	) Skirt, Neo, .06, 12.00w 45.88l, 07 Hole	1
3	1020207	(0000-0035)	) Retainer, Skirt, Front	1
4	1022363	(0000-)	) Skirt, Neo, .06, 07.63w 51.52l, 11 Hole	1
5	1022003	(0000-)	) Retainer, Skirt	4
6	361339	(0000-)	) Screw, Hex, M6 X 1.0 X 16, Fmg	13
7	01684	(0000-)	) Washer, Flat, 0.25, Ss	12
8	1024570	(0000-0035)	) Bracket, Mtg, Skirt	1
9	1020163	(0000-0035)	) Bracket, Mtg, Skirt	1
10	76099	(0000-0035)	) Screw, Hex, M8 X 1.25 X 25, Fmg	4
11	1039396	(0036-)	) Bracket, Mtg, Skirt	1
12	09740	(0000-)	) Screw, Hex, M8 X 1.25 X 20, Ss	4
13	01685	(0000-)	) Washer, Flat, 0.31, Ss	22
14	1022179	(0000-)	) Bracket Wldt, Flap, Recirculation	1
15	09010	(0000-)	) Screw, Hex, M8 X 1.25 X 25, Ss	13
16	32491	(0000-)	) Washer, Flat, 0.31, Std	4
17	1022007	(0000-)	) Skirt, Rbr, .37, 04.50w 40.94l, 06 Hole	1
18	1022009	(0000-)	) Skirt, Neo, .06, 06.38w 40.86l, 06 Hole	1
19	1020828	(0000-)	) Strip, Flap, Recirculation	1
20	1028852	(0000-)	) Strap, Static, Afmkt	1
21	41141	(0000-)	) Washer, Lock, Int-Ext, 0.31	7
22	1040018	(0036-)	) Plate, Skirt, Front	1
23	33401	(0000-)	) Screw, Hex, M8 X 1.25 X 50, Ss, Fl	1
24	08713	(0000-)	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	1
25	1022165	(0000-)	) Skirt, Neo, .12, 05.39w 14.01l, 02 Sl	2
26	1026108	(0000-)	) Skirt, Neo, .06, 26.99w 40.55l, 36 Hole	1
27	1020828	(0000-)	) Strip, Flap, Recirculation	1
28	07805	(0000-)	) Screw, Hex, M6 X 1.0 X 35, Ss	6
29	08712	(0000-)	) Nut, Hex, Lock, M6 X 1.0, Ss, NI	6
30	1022359	(0000-0003)	) Plate, Mtg, Skirt, Scb Head (Replaced by None)	2

Fig. 37 – Squeegee Lift Group, Rear

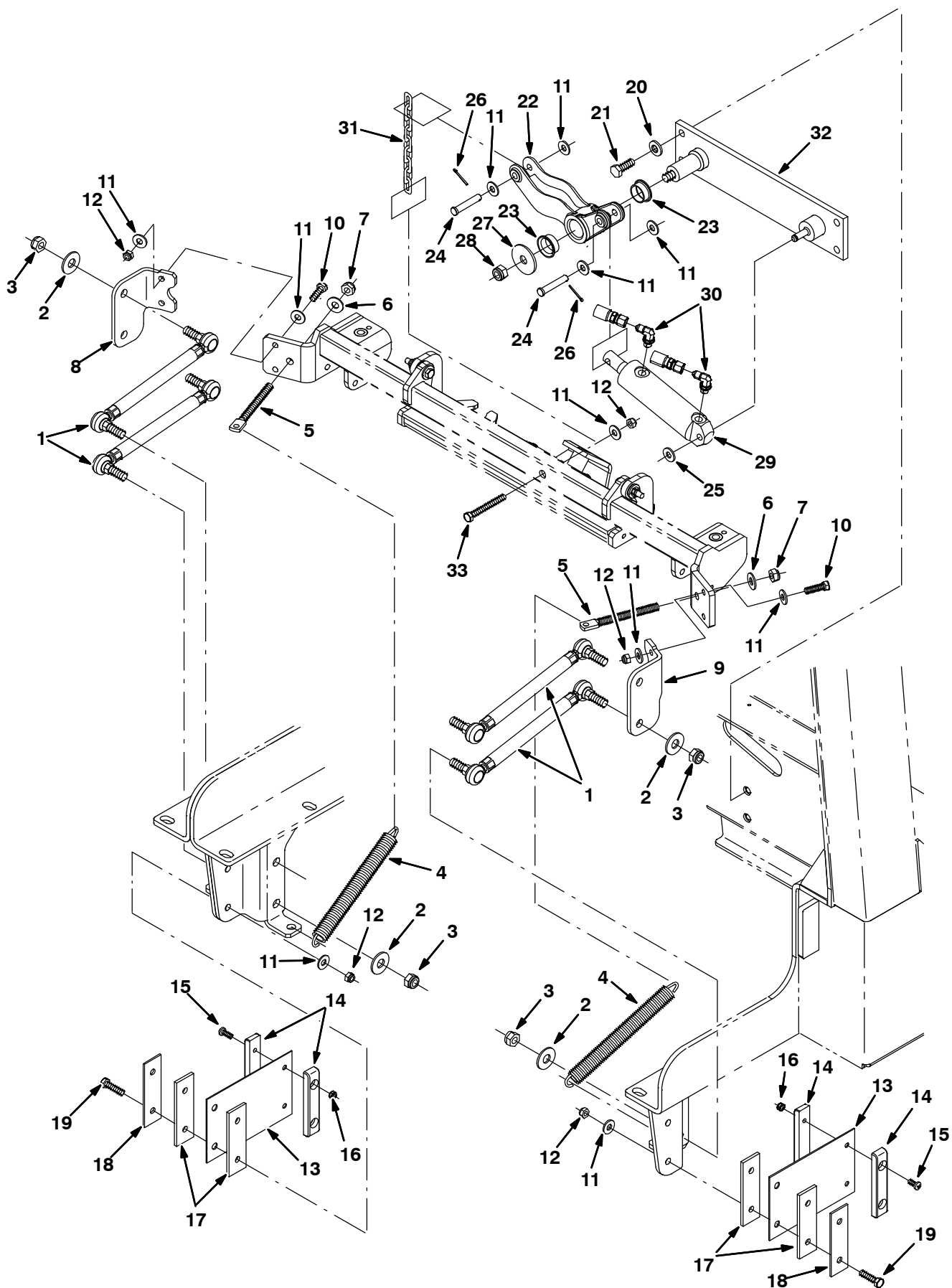


Fig. 37 – Squeegee Lift Group, Rear

Ref.	Part No.	Serial Number	Description	Qty.
1	1026007	(0000–	) Link Assy, Rod–End, M12	4
2	41619	(0000–	) Washer, Flat, 0.56b 1.38d .11, Ss	8
3	09741	(0000–	) Nut, Hex, Lock, M12 X 1.75, NI, Ss	8
4	46785–1	(0000–	) Spring, Extn, 0.88od X 0.14wir, 9.0l	2
5	386847	(0000–	) Bolt, Eye, M10 X 1.50 X 064mm, 07.10 Eye	2
6	01686	(0000–	) Washer, Flat, 0.44b 1.00d .08, Ss	2
7	08714	(0000–	) Nut, Hex, Lock, M10 X 1.5, NI, Ss	2
8	1022372	(0000–	) Angle, Rh	1
9	1022442	(0000–	) Angle, Lh	1
10	09010	(0000–	) Screw, Hex, M8 X 1.25 X 25, Ss	4
11	01685	(0000–	) Washer, Flat, 0.31, Ss	15
12	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	9
13	71204	(0000–	) Spring, Flt, 0.08th, 4.50w X 07.0l	2
14	1024648	(0000–	) Block, Centering	4
15	367770	(0000–	) Screw, Pan, M6 X 1.0 X 16, Ss	4
16	08712	(0000–	) Nut, Hex, Lock, M6 X 1.0, Ss, NI	4
17	1024641	(0000–	) Spacer, Pad, Rbr	4
18	1024703	(0000–	) Retainer, Spring	2
19	09023	(0000–	) Screw, Hex, M8 X 1.25 X 35, Ss, Fl	4
20	41187	(0000–	) Washer, Flat, Belleville, .38	4
21	12317	(0000–	) Screw, Hex, M10 X 1.5 X 30, Ss	4
22	1025680	(0000–	) Bellcrank, Lift, Sqge	1
23	367313	(0000–	) Bushing, Flng, 1.00b 1.13d 0.50l	2
24	29584	(0000–	) Pin, Clevis, 0.37d X 2.00l	2
25	23524–1	(0000–	) Ring, Retaining, Ext, 0.38d, [Selflock]	1
26	08179	(0000–	) Pin, Cotter, .094 X 1.00	2
27	04414	(0000–	) Washer, Flat, 0.53b 1.88d .12, Stl, Pl	1
28	09741	(0000–	) Nut, Hex, Lock, M12 X 1.75, NI, Ss	1
29	1038137	(0000–	) Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
30	77097	(0000–	) Fitting, Hyd, E90, Jm04/Om04	2
31	1023779	(0000–	) Chain, Str, 4/0, 08 Link	1
32	1021609	(0000–	) Plate Wldt, Lift, Sqge	1
33	06957	(0041–	) Screw, Hex, M8 X 1.25 X 60, 8.8	1

Fig. 38 – Squeegee Group, Rear

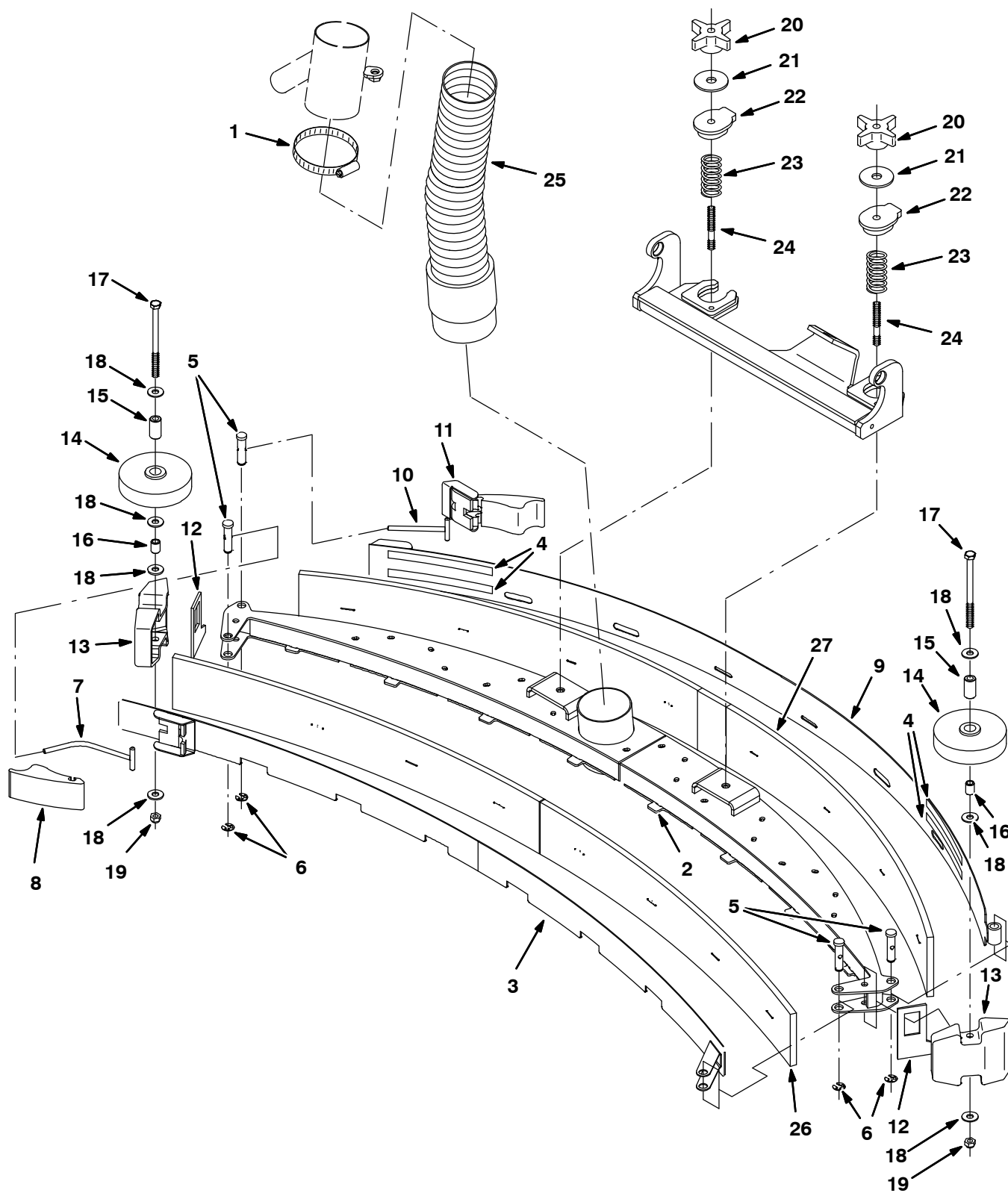


Fig. 38 – Squeegee Group, Rear

Ref.	Part No.	Serial Number	Description	Qty.
1	43555	(0000–	) Clamp, Hose, Wormdrive, 2.50–3.50d, .50w	1
▽	9004493	(0000–	) Squeegee Kit, Rear, Replmt [M20/T20]	1
▲	2 1022831	(0000–	) Squeegee Wldt, Rear	1
▲	3 1023239	(0000–	) Clamp Wldt, Front	1
▲	4 03495	(0000–	) Strip, Non–Slip, 0.50w 06.0l	4
▲	5 21603	(0000–	) Pin, Grvd, 0.43d 01.8l [303ss]	4
▲	6 24555	(0000–	) Ring, Retaining, Ext, 0.38d, [E–Ring]	4
▲	7 386298	(0000–	) Pin Wldt, Front	1
▲	8 21601	(0000–	) Cam	1
▲	9 1028374	(0000–	) Clamp Wldt, Rear	1
▲	10 21606	(0000–	) Bar Wldt, Retainer, Sqge, Rear	1
▲	11 21602	(0000–	) Cam, Rear	1
▲	12 83874	(0000–	) Gasket, Sqge	2
▲	13 386264	(0000–	) Bumper, Sqge	2
▲	14 363162	(0000–	) Wheel, 4.0d 0.89w 0.64b	2
▲	15 363301	(0000–	) Sleeve, P/M, 0.34b 0.63d 1.2l, Bnz	2
▲	16 80395	(0000–	) Sleeve, P/M, 0.31b 0.50d 0.7l [430ss]	2
▲	17 364441	(0000–	) Screw, Hex, M8 X 1.25 X 110, Ss	2
▲	18 01685	(0000–	) Washer, Flat, 0.31, Ss	10
▲	19 08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
20	370100	(0000–	) Knob, Star, 2.80d 4ear 1.1l .31–18 Pyp	2
21	04414	(0000–	) Washer, Flat, 0.53b 1.88d .12, Stl, Pl	2
22	387433	(0000–	) Ring, Mtg, Sqge, .50l	2
23	387500	(0000–	) Spring, Cmpr, 0.90d .042wir 02.0l	2
24	387237	(0000–	) Stud, .31–18 2.75l M8 X 1.25, Ss	2
25	1021511	(0000–	) Hose, Vacuum, 19.0l	1
26	1017868	(0000–	) Blade, Sqge, Front, 49.58l [Linard]	1
26	1027719	(0000–	) Blade, Sqge, Front, 49.58l Ure (Option)	1
27	1031331	(0000–	) Blade, Sqge, Rear, Linatex	1
27	1031945	(0000–	) Blade, Sqge, Rear, 53.78l Ure (Option)	1

Fig. 39 - Squeegee Linkage Group, Rear

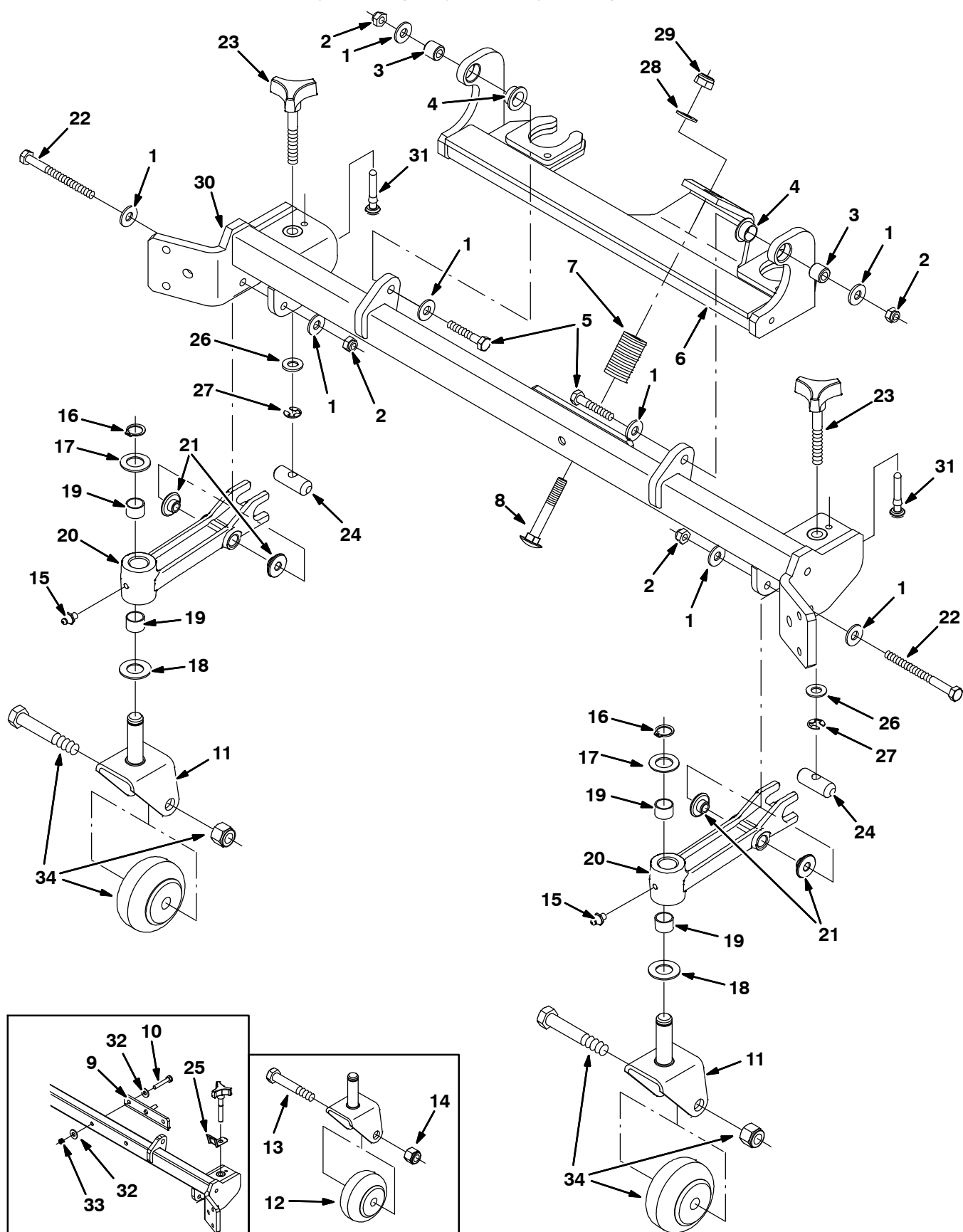


Fig. 39 – Squeegee Linkage Group, Rear

Ref.	Part No.	Serial Number	Description	Qty.
1	01685	(0000–	) Washer, Flat, 0.31, Ss	6
2	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	4
3	80409	(0000–	) Sleeve, P/M, 0.34b 0.63d 0.6l, Bnz	2
4	25735	(0000–	) Bushing, Flng, 0.63b 0.75d 0.38l	2
5	222505	(0000–	) Screw, Hex, M8 X 1.25 X 45, Ss	2
6	1023476	(0000–	) Bracket Wldt, Mtg, Sqge	1
7	65180	(0000–	) Spring, Dsl, 1.00od 0.50id 1.7l	1
8	1025601	(0000–	) Bolt, Carriage, M10 X 1.5 X 70	1
9	1034147	(0000–xxxx	) Pin Wldt, Lift (Replaced by 9003478)	1
10	222505	(0000–xxxx	) Screw, Hex, M8 X 1.25 X 45, Ss	2
11	1021404	(0000–	) Bracket Wldt, Mtg, Caster	2
12	20833	(0000–0807	) Wheel, 3.0d 1.38w 0.50b	2
13	81952	(0000–0807	) Screw, Hex, .50–13 X 3.00, Ss18–8	2
14	02931	(0000–0807	) Nut, Hex, Lock, .50–13, NI, Ss	2
15	07259	(0000–	) Fitting, Grease, Str Pm04 .47l	2
16	33373	(0000–	) Ring, Retaining, Ext, 0.62d, Hd	2
17	63468	(0000–	) Washer, Flat, 0.69b 1.19d .06, Stl, Pl	2
18	64425	(0000–	) Washer, Thrust, 0.61b 1.25d .06, Fgl	2
19	07449	(0000–	) Bushing, Sleeve, 0.62b 0.72d 0.50l, Fgl	4
20	1025460	(0000–	) Caster, Pivot	2
21	80950	(0000–	) Bushing, Flng, 0.32b 0.50d 0.24l, Bnz	4
22	39281	(0000–	) Screw, Hex, M8 X 1.25 X 90, 8.8	2
23	1021546	(0000–	) Knob Assy, Star, 1.12d 3ear M10	2
24	1021497	(0000–	) Pin, 0.63d 01.8l, 1/M10h, 2cham	2
25	1022545	(0000–0040	) Spring, Keeper	2
26	32485	(0000–	) Washer, Flat, 0.38 Sae	2
27	24555	(0000–	) Ring, Retaining, Ext, 0.38d, [E–Ring]	2
28	1014563	(0000–	) Washer, Flat, 0.40b 1.12d .12, Ss	1
29	08714	(0000–	) Nut, Hex, Lock, M10 X 1.5, NI, Ss	1
30	1034149	(0000–	) Crossmember Wldt [M20]	1
31	1035727	(0041–	) Stop, Rotation	2
32	01685	(0000–xxxx	) Washer, Flat, 0.31, Ss	4
33	08713	(0000–xxxx	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
34	9014285	(0808–	) Caster Kit, Rear Squeegee, Am	2

Fig. 40 – Squeegee Group, Right Side

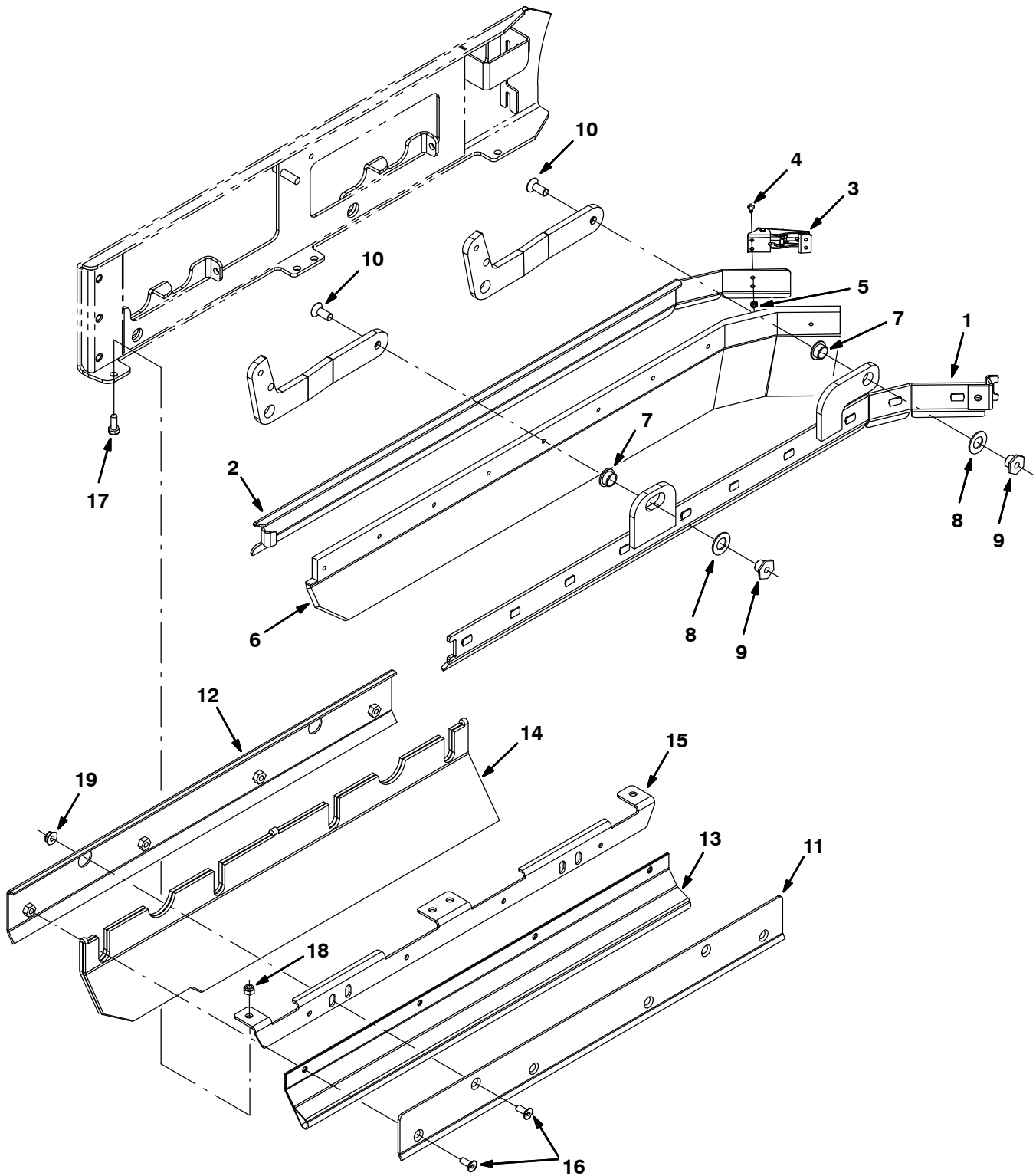


Fig. 40 – Squeegee Group, Right Side

Ref.	Part No.	Serial Number	Description	Qty.
1	1029132	(0000–	) Frame Wldt, Sqge, Rh	1
2	1029128	(0000–	) Retainer, Sqge, Side, Rh	1
3	384418	(0000–	) Latch, Door [Southco 91–562–07]	1
4	49697	(0000–	) Screw, Pan, M4 X 0.7 X 10, Ss	2
5	33932	(0000–	) Nut, Hex, Lock, M4 X 0.7, NI, Ss	2
6	1031011	(0000–	) Blade, Sqge, .38 3.55w 038.3l, Linatex	1
6	1031823	(0000–	) Blade, Sqge, .38 3.55w 038.3l, Ure (Option)	1
7	25735	(0000–	) Bushing, Fling, 0.63b 0.75d 0.38l	2
8	64425	(0000–	) Washer, Thrust, 0.61b 1.25d .06, Fgl	2
9	1070222	(0000–	) Nut, T, M10 X 1.50 X 15.8od X 13.5l	2
10	09081	(0000–	) Screw, Flt, M10 X 1.5 X 25, 10.9	2
11	1024584	(0000–	) Bracket, Mtg, Skirt, Brush Door	1
12	1024651	(0000–	) Bracket, Mtg, Skirt, Door	1
13	1024586	(0000–	) Skirt, Neo, .06, 06.85w 27.95l, 08 Hole	1
14	1019295	(0000–	) Skirt, Neo, .18, 10.37w 27.95l, 12 H&S	1
15	1025151	(0000–	) Bracket, Mtg, Skirt, Door, Brush	1
16	222463	(0000–	) Screw, Flt, M8 X 1.25 X 20, Blk	6
17	393135	(0000–	) Screw, Btn, M8 X 1.25 X 20, Blk	4
18	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	4
19	07791	(0000–	) Nut, Hex, Fling, M8 X 1.25	2

Fig. 41 – Squeegee Lift Group, Right Side

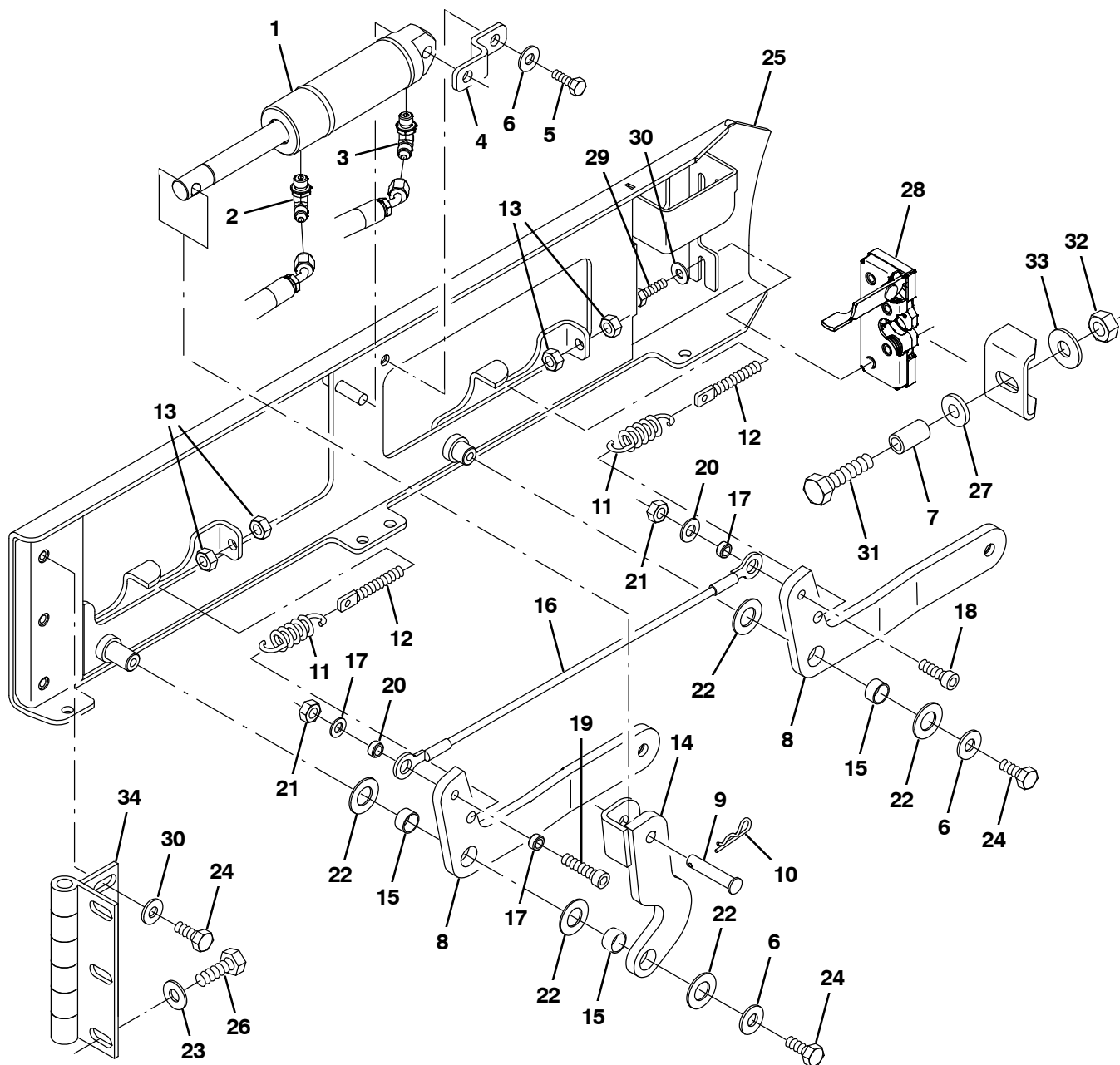


Fig. 41 – Squeegee Lift Group, Right Side

Ref.	Part No.	Serial Number	Description	Qty.
1	1038137	(0000–	) Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
2	77097	(0000–	) Fitting, Hyd, E90, Jm04/Om04	1
3	1028635	(0000–	) Fitting, Hyd, Rst, Spcl	1
4	1022825	(0000–	) Bracket, Mtg, Cyl	1
5	08716	(0000–	) Screw, Hex, M6 X 1.00 X 20, Ss	1
6	01685	(0000–	) Washer, Flat, 0.31, Ss	3
7	1039348	(0000–	) Sleeve, 0.49b 0.68d 1.2l [304ss]	1
8	1020548	(0000–	) Arm, Sqge, Side, Rh	2
9	17461	(0000–	) Pin, Clevis, 0.37D X 1.75L	1
10	08182	(0000–	) Pin, Cotter, .125 X 1.00	1
11	87816	(0000–	) Spring, Extn, 0.75od X 0.09wir, 2.5l	2
12	386088	(0000–	) Bolt, Eye, M08 X 1.25 X 070mm, 05.50 Eye	2
13	07786	(0000–	) Nut, Hex, Std, M8 X 1.25, Ss	4
14	1023306	(0000–	) Arm Wldt, Sqge, Lift, Rh	1
15	71607	(0000–	) Bushing, Sleeve, 0.63b 0.72d 0.38l	3
16	81784	(0000–	) Cable, Glv .13d 015.8l .50eye /.50eye	1
17	360801	(0000–	) Sleeve, 0.31b 0.50d 0.3l, Ss	3
18	39308	(0000–	) Screw, Soc, M8 X 1.25 X 25, 12.9	1
19	41445	(0000–	) Screw, Soc, M8 X 1.25 X 35, 12.9	1
20	39349	(0000–	) Washer, Flat, 0.31 Sae	2
21	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	2
22	64425	(0000–	) Washer, Thrust, 0.61b 1.25d .06, Fgl	5
23	41187	(0000–	) Washer, Flat, Belleville, .38	3
24	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	5
25	1019031	(0000–	) Door Wldt, Brush, Rh	1
26	09028	(0000–	) Screw, Hex, M10 X 1.5 X 25, Ss	3
27	36328	(0000–	) Washer, Flat, Belleville, .50	1
28	59194	(0000–	) Latch, Hook	1
29	09007	(0000–	) Screw, Hex, M6 X 1.0 X 25, Ss	2
30	41185	(0000–	) Washer, Flat, Belleville, .25	5
31	379870	(0000–	) Screw, Hex, M12 X 1.75 X 55, Ss	1
32	07788	(0000–	) Nut, Hex, Std, M12 X 1.75, Ss	1
33	41619	(0000–	) Washer, Flat, 0.56b 1.38d .11, Ss	1
34	1024576	(0000–	) Hinge, .50pin .19 4.0w 06.0l 3/0.44sl	1

Fig. 42 – Squeegee Group, Left Side

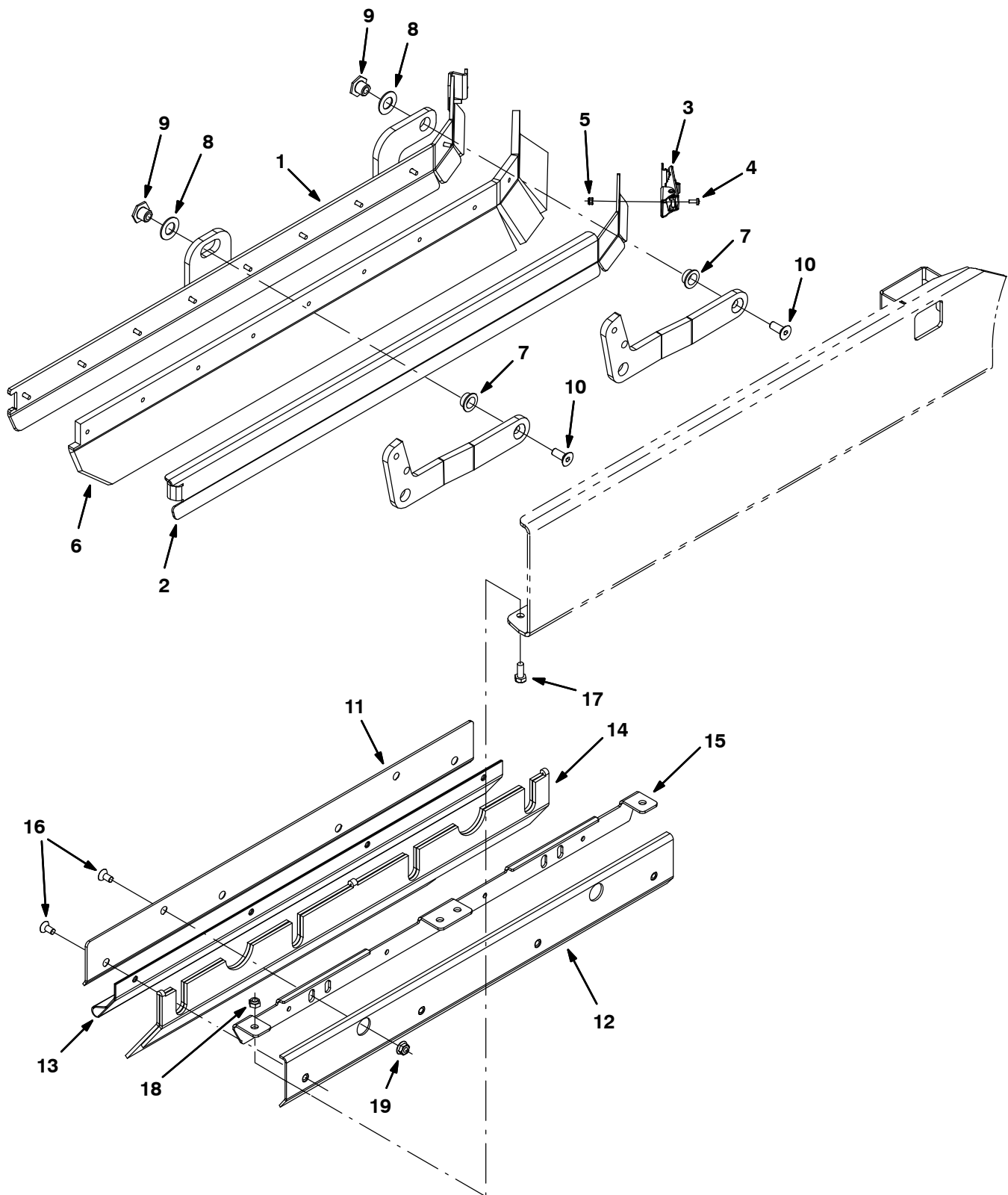


Fig. 42 – Squeegee Group, Left Side

Ref.	Part No.	Serial Number	Description	Qty.
1	1028972	(0000–	) Frame Wldt, Sqge, Lh	1
2	1028979	(0000–	) Retainer, Sqge, Side, Lh	1
3	384418	(0000–	) Latch, Door [Southco 91–562–07]	1
4	49697	(0000–	) Screw, Pan, M4 X 0.7 X 10, Ss	2
5	33932	(0000–	) Nut, Hex, Lock, M4 X 0.7, NI, Ss	2
6	1031011	(0000–	) Blade, Sqge, .38 3.55w 038.3l, Linatex	1
6	1031823	(0000–	) Blade, Sqge, .38 3.55w 038.3l, Ure (Option)	1
7	25735	(0000–	) Bushing, Fling, 0.63b 0.75d 0.38l	2
8	64425	(0000–	) Washer, Thrust, 0.61b 1.25d .06, Fgl	2
9	1070222	(0000–	) Nut, T, M10 X 1.50 X 15.8od X 13.5l	2
10	09081	(0000–	) Screw, Flt, M10 X 1.5 X 25, 10.9	2
11	1024584	(0000–	) Bracket, Mtg, Skirt, Brush Door	1
12	1024651	(0000–	) Bracket, Mtg, Skirt, Door	1
13	1024586	(0000–	) Skirt, Neo, .06, 06.85w 27.95l, 08 Hole	1
14	1019295	(0000–	) Skirt, Neo, .18, 10.37w 27.95l, 12 H&S	1
15	1025151	(0000–	) Bracket, Mtg, Skirt, Door, Brush	1
16	222463	(0000–	) Screw, Flt, M8 X 1.25 X 20, Blk	6
17	393135	(0000–	) Screw, Btn, M8 X 1.25 X 20, Blk	4
18	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	4
19	07791	(0000–	) Nut, Hex, Fling, M8 X 1.25	2

Fig. 43 – Squeegee Lift Group, Left Side

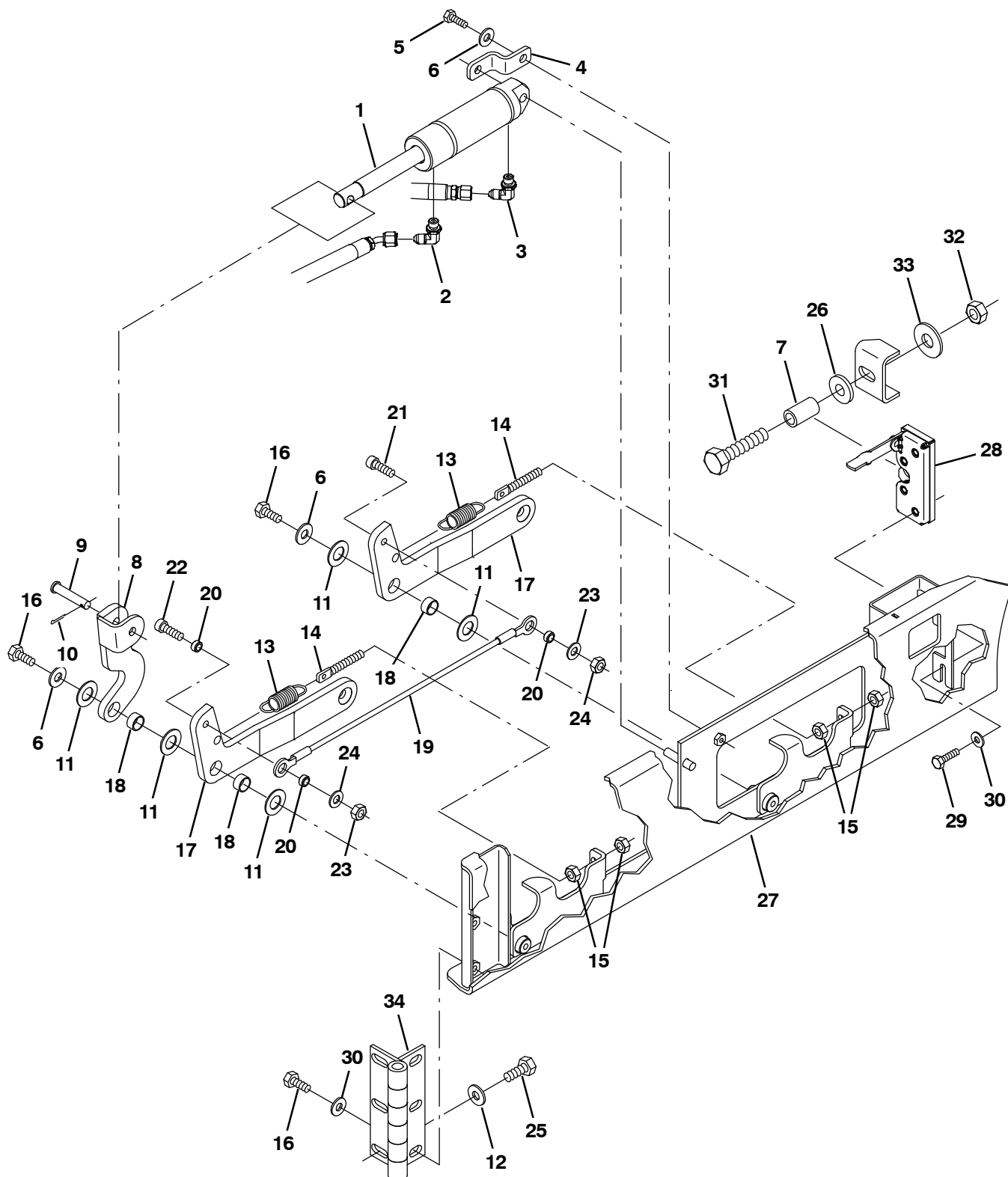


Fig. 43 – Squeegee Lift Group, Left Side

Ref.	Part No.	Serial Number	Description	Qty.
1	1038137	(0000–	) Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
2	77097	(0000–	) Fitting, Hyd, E90, Jm04/Om04	1
3	1028635	(0000–	) Fitting, Hyd, Rst, Spcl	1
4	1022825	(0000–	) Bracket, Mtg, Cyl	1
5	08716	(0000–	) Screw, Hex, M6 X 1.00 X 20, Ss	1
6	01685	(0000–	) Washer, Flat, 0.31, Ss	3
7	1039348	(0000–	) Sleeve, 0.49b 0.68d 1.2l [304ss]	1
8	1022978	(0000–	) Arm Wldt, Lift, Sqge, Lh	1
9	17461	(0000–	) Pin, Clevis, 0.37D X 1.75L	1
10	08182	(0000–	) Pin, Cotter, .125 X 1.00	1
11	64425	(0000–	) Washer, Thrust, 0.61b 1.25d .06, Fgl	5
12	41187	(0000–	) Washer, Flat, Belleville, .38	3
13	87816	(0000–	) Spring, Extn, 0.75od X 0.09wir, 2.5l	2
14	386088	(0000–	) Bolt, Eye, M08 X 1.25 X 070mm, 05.50 Eye	2
15	07786	(0000–	) Nut, Hex, Std, M8 X 1.25, Ss	4
16	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	5
17	1023307	(0000–	) Arm, Sqge, Side, Lh	2
18	71607	(0000–	) Bushing, Sleeve, 0.63b 0.72d 0.38l	3
19	81784	(0000–	) Cable, Glv .13d 015.8l .50eye /.50eye	1
20	360801	(0000–	) Sleeve, 0.31b 0.50d 0.3l, Ss	3
21	39308	(0000–	) Screw, Soc, M8 X 1.25 X 25, 12.9	1
22	41445	(0000–	) Screw, Soc, M8 X 1.25 X 35, 12.9	1
23	39349	(0000–	) Washer, Flat, 0.31 Sae	2
24	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	2
25	09028	(0000–	) Screw, Hex, M10 X 1.5 X 25, Ss	3
26	36328	(0000–	) Washer, Flat, Belleville, .50	1
27	1023314	(0000–	) Door Wldt, Brush, Lh	1
28	59195	(0000–	) Latch, Hook	1
29	09007	(0000–	) Screw, Hex, M6 X 1.0 X 25, Ss	2
30	41185	(0000–	) Washer, Flat, Belleville, .25	5
31	379870	(0000–	) Screw, Hex, M12 X 1.75 X 55, Ss	1
32	07788	(0000–	) Nut, Hex, Std, M12 X 1.75, Ss	1
33	41619	(0000–	) Washer, Flat, 0.56b 1.38d .11, Ss	1
34	1024576	(0000–	) Hinge, .50pin .19 4.0w 06.0l 3/0.44sl	1

Fig. 44 – Solution Tank Group

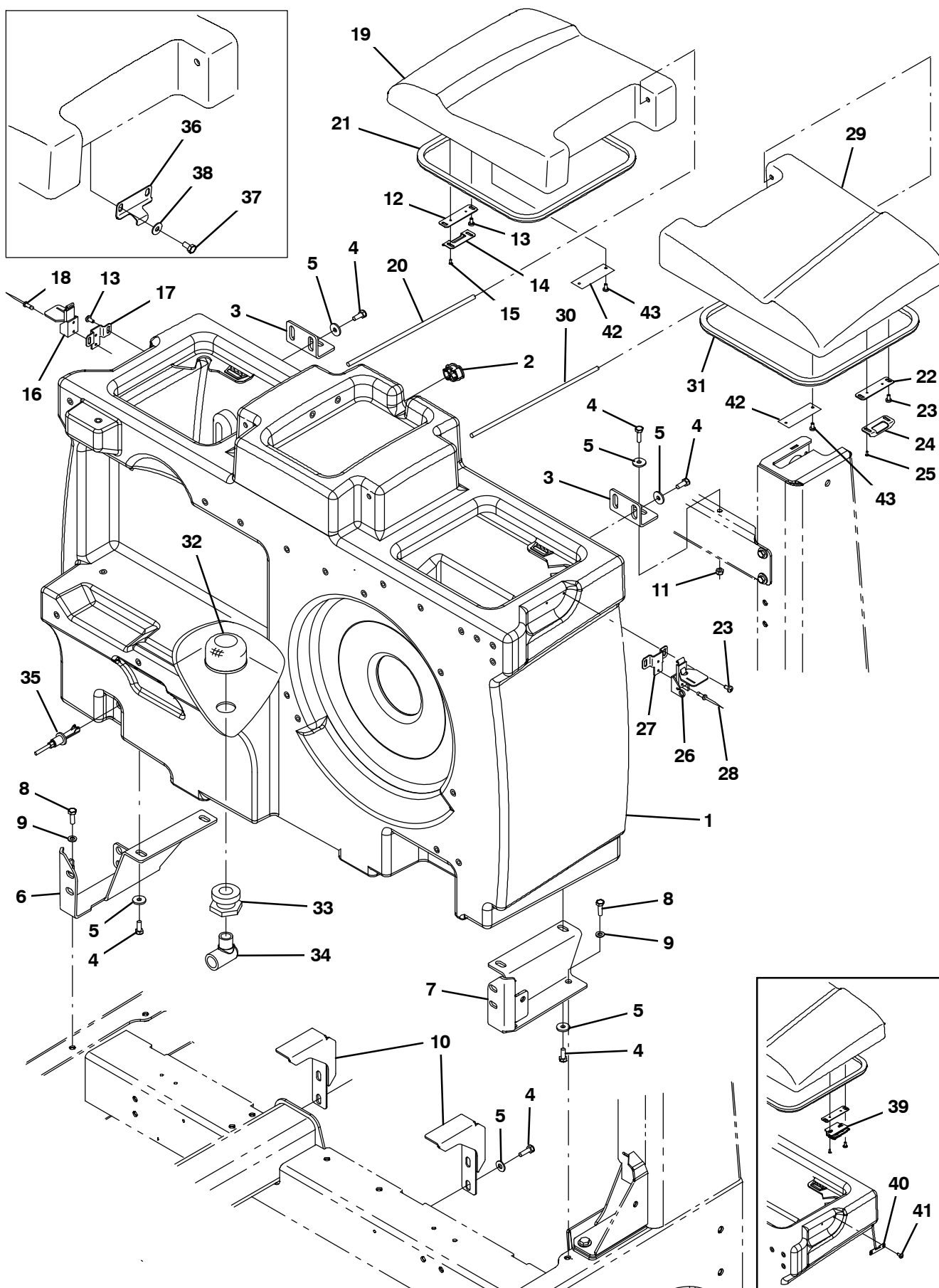


Fig. 44 – Solution Tank Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1027381	(xxxx–	) Tank, Soltn, W/ Label [M20]	1
1	9004117	(0000–xxxx	) Tank Kit, Soltn, W/ Bracket, Replmt	1
2	390994	(0000–	) Plug, Hole, Soltn Tank, Blk Pyu	1
3	1020209	(0000–	) Angle, Sppt, Tank, Rear	2
4	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	12
5	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	12
6	1040306	(0000–	) Bracket Wldt, Tank, Soltn, Rh	1
7	1024591	(0000–	) Bracket, Tank, Soltn, Lh	1
8	09010	(0000–	) Screw, Hex, M8 X 1.25 X 25, Ss	4
9	39349	(0000–	) Washer, Flat, 0.31 Sae	4
10	1024389	(0000–	) Bracket, Soltn, Tank, Cntr	2
11	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
▽	9003071	(0000–	) Cover Kit, Tank, Soltn, Rh, Replmt, Ce	1
▲▽	9005165	(0000–	) Latch Kit, Cover, Soltn, Replmt[M20/T20]	1
▲▲	12 1039757	(0070–	) Plate, Mtg, Latch	1
▲▲	13 382320	(0000–	) Screw, Pan, Phl, 12–16 X 0.50, F/ Plstc	4
▲▲	14 1048474	(0146–	) Catch, Latch, Tank Cover	1
▲▲	15 222267	(0146–	) Screw, Pan, Phl, 06–20 X 0.50, Fmg/Ab	2
▲▲	16 367949	(0146–	) Latch	1
▲▲	17 1048512	(0146–	) Bracket, Mtg, Latch, Tank Cover	1
▲▲	18 08875	(0146–	) Rivet, Blind, .125d X 0.54 X .25d, Alm	2
▲	19 1031233	(0000–	) Cover, Tank, Soltn, Rh, Trimmed, Ce	1
▲	20 1047098	(0000–	) Bar, Rnd, Plstc, 0.31d 12.5l	1
▲	21 1038805	(0000–	) Seal, Bulb, Str, .50Hi .50W 047.2L, Adh	1
▽	9003070	(0000–	) Cover Kit, Tank, Soltn, Lh, Replmt, Ce	1
▲▽	9005165	(0000–	) Latch Kit, Cover, Soltn, Replmt[M20/T20]	1
▲▲	22 1039757	(0070–	) Plate, Mtg, Latch	1
▲▲	23 382320	(0000–	) Screw, Pan, Phl, 12–16 X 0.50, F/ Plstc	4
▲▲	24 1048474	(0146–	) Catch, Latch, Tank Cover	1
▲▲	25 222267	(0146–	) Screw, Pan, Phl, 06–20 X 0.50, Fmg/Ab	2
▲▲	26 367949	(0146–	) Latch	1
▲▲	27 1048512	(0146–	) Bracket, Mtg, Latch, Tank Cover	1
▲▲	28 08875	(0146–	) Rivet, Blind, .125d X 0.54 X .25d, Alm	2
▲	29 1031235	(0000–	) Cover, Tank, Soltn, Lh, Trimmed, Ce	1
▲	30 1047098	(0000–	) Bar, Rnd, Plstc, 0.31d 12.5l	1
▲	31 1038805	(0000–	) Seal, Bulb, Str, .50Hi .50W 047.2L, Adh	1
	32 1027290	(0000–	) Filter, Soltn, 20mesh, Pm12 3.1d 02.6l	1
	33 377349	(0000–	) Fitting, Plstc, Pf12/Pf12, Bh	1
	34 69785	(0000–	) Fitting, Plstc, E90, Pf12/Pm12	1
	35 385685	(0000–	) Sensor, Level, Liq, 14vdc 01a .62–11	1
	36 1020428	(0000–0069	) Bracket, Latch, Cover	2
	37 09744	(0000–0069	) Screw, Hex, M6 X 1.00 X 12, Ss	4
	38 01684	(0000–0069	) Washer, Flat, 0.27b 0.69d .05, Ss	4
	39 1030617	(0070–0145	) Latch, Cover	2
	40 1029748	(0070–0145	) Bracket, Keeper, Latch	2
	41 382320	(0070–0145	) Screw, Pan, Phl, 12–16 X 0.50, F/ Plstc	4
	42 1017101	(0000–	) Plate, Label, Soltn Tank (ec–H20 only)	2
	43 360973	(0000–	) Screw, Pan, 12–16 X 0.50, F/ Plstc (ec–H20 only)	4

Fig. 45 – Solution Tank Drain Group

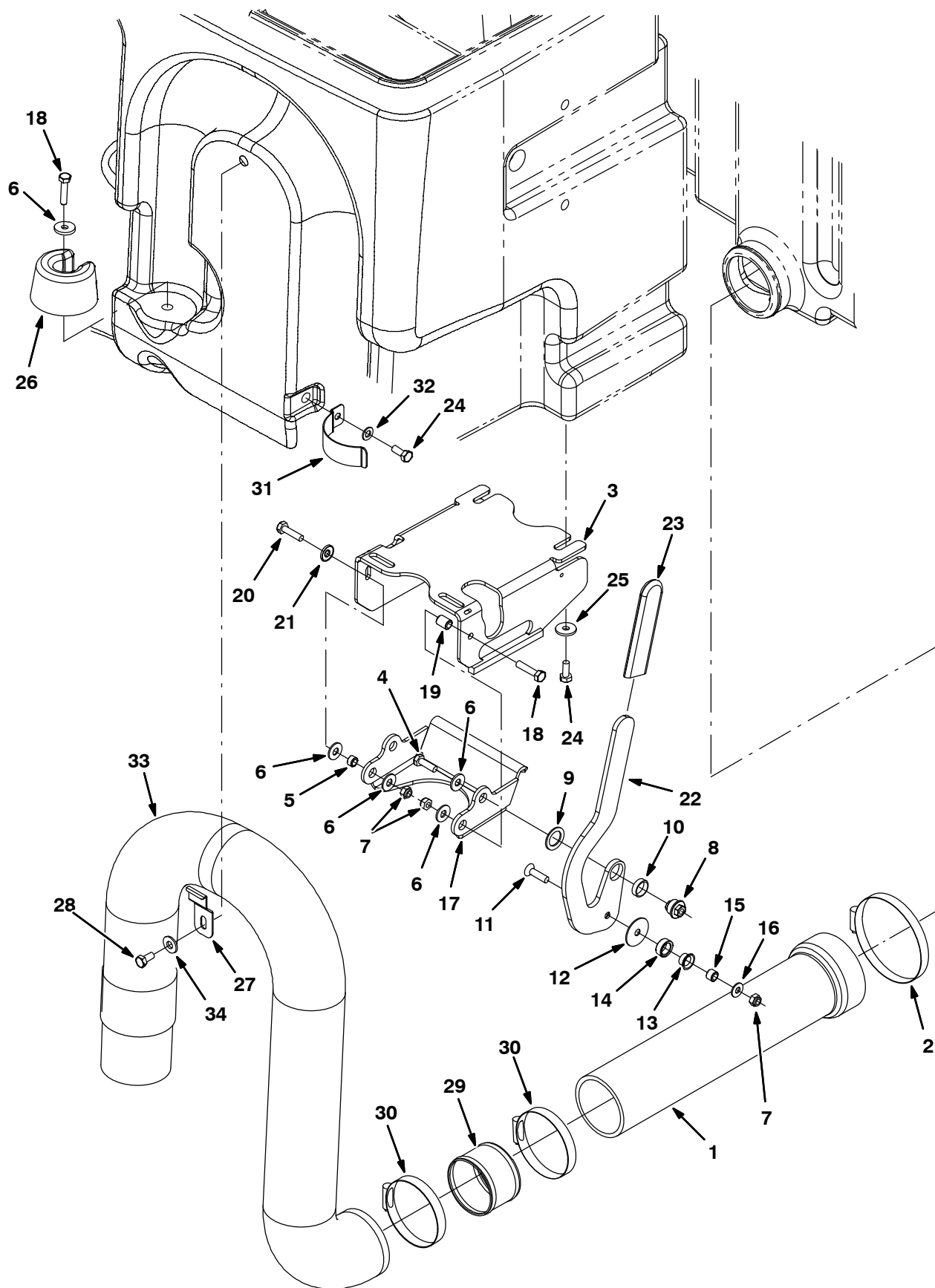


Fig. 45 – Solution Tank Drain Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9003793	(0000–	) Tube Kit, Tank, Soltn, Replmt	1
2	23498	(0000–	) Clamp, Hose, Wormdrive, 3.56–4.50d, .50w	1
3	1042003	(0000–	) Mount Wldt, Valve, Pinch, Rh	1
4	39277	(0000–	) Screw, Hex, M8 X 1.25 X 25, 8.8	1
5	222516	(0000–	) Sleeve, P/M, 0.31b 0.50d 0.3l [430ss]	1
6	32491	(0000–	) Washer, Flat, 0.31, Std	5
7	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	3
8	1024599	(0000–	) Bushing, Eccentric, Adj	1
9	1026051	(0000–	) Washer, Flat, 0.79b 1.18d .06, Nyl	1
10	74090	(0000–	) Bushing, Sleeve, 0.75b 0.88d 0.25l	1
11	79506	(0000–	) Screw, Flt, M8 X 1.25 X 30, Ss	1
12	1028701	(0000–	) Washer, Thrust, 0.34b 1.50d .06	1
13	15648	(0000–	) Bushing, Flng, 0.50b 0.59d 0.38l	1
14	1028691	(0000–	) Roller, Brg	1
15	1028690	(0000–	) Tube, 0.50d 0.32b 00.4l, Ss	1
16	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	1
17	1024535	(0000–	) Arm, Pinch	1
18	06955	(0000–	) Screw, Hex, M8 X 1.25 X 35, 8.8	2
19	80395	(0000–	) Sleeve, P/M, 0.31b 0.50d 0.7l [430ss]	1
20	76570	(0000–	) Screw, Hex, M8 X 1.25 X 30, 8.8	1
21	41186	(0000–	) Washer, Flat, Belleville, .31	1
22	1026727	(0000–	) Handle, Valve, Pinch, Rh	1
23	1023502	(0000–	) Grip, Handle	1
24	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	5
25	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	4
26	1022137	(0000–	) Plug, Hose, Pyu	1
27	1025480	(0000–	) Bracket, Retaining, Hose	1
28	15675	(0000–	) Screw, Hex, M8 X 1.25 X 16, Ss	1
29	1041953	(0000–	) Tube, 2.90id 3.00od 02.4l, Ss	2
30	43555	(0000–	) Clamp, Hose, Wormdrive, 2.50–3.50d, .50w	2
31	1024558	(0000–	) Strap, Retaining, Hose	1
32	39349	(0000–	) Washer, Flat, 0.31 Sae	1
33	1019424	(0000–	) Hose, Drain, 3.00id X 48.0l	1
34	01685	(0000–	) Washer, Flat, 0.31, Ss	2

Fig. 46 – Solution Control Group

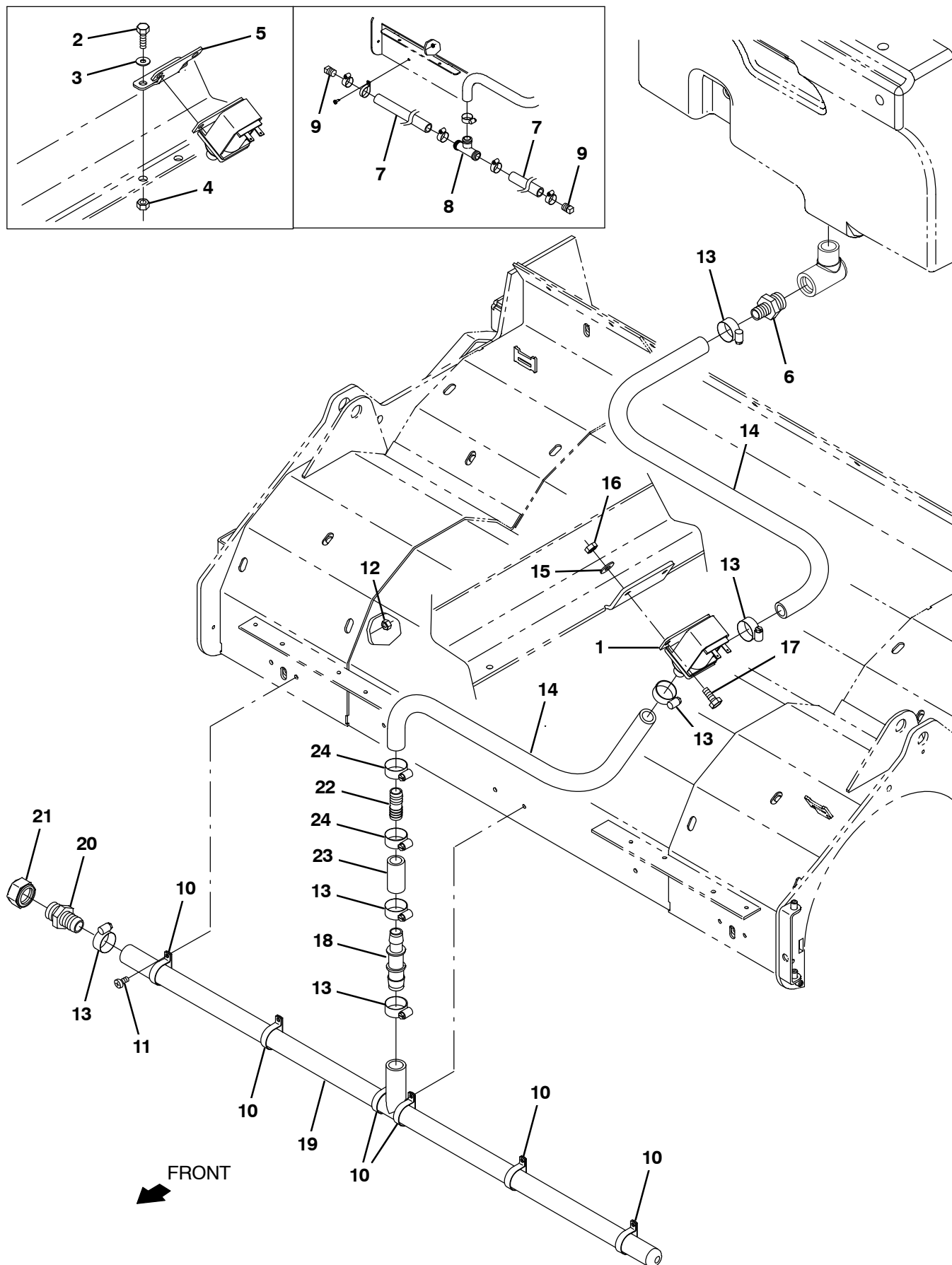


Fig. 46 – Solution Control Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1067700	(0000–	) Valve Assy, Water, Solenoid , 12vdc	1
2	08716	(0000–xxxx	) Screw, Hex, M6 X 1.0 X 20, Ss	2
3	01684	(0000–xxxx	) Washer, Flat, 0.25, Ss	2
4	08712	(0000–xxxx	) Nut, Hex, Lock, M6 X 1.0, Ss, NI	2
5	1028074	(0000–xxxx	) Bracket, Mtg, Valve	1
6	79273–2	(0000–0821	) Fitting, Plstc, Str, Bm12/Pm12	1
6	365095	(0822–	) Fitting, Plstc, Str, Bm10/Pm12	1
7	1029185	(0000–0056	) Tube, Distribution, Water	2
8	41315	(0000–0056	) Fitting, Plstc, Tee, Bm12/Bm12/Bm12	1
9	17521	(0000–0056	) Fitting, Pipe, Plug, Pm08, Sq Head	2
10	50544	(0000–	) Clamp, Cable, Ss, 1.12d X 0.38w, 1h	6
11	09200	(0000–	) Screw, Pan, M5 X 0.8 X 12, Ss	6
12	09739	(0000–	) Nut, Hex, Lock, M5 X 0.8, NI, Ss	6
13	63810	(0000–	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	8
14	1015045	(0000–0821	) Hose, Afmkt, Pvc, Brd 0.75id 08ft	1
14	1015032	(0822–	) Hose, Afmkt, Pvc, Brd, 0.62id, 08ft, Clr	1
15	01684	(0000–	) Washer, Flat, 0.25, Ss	2
16	08712	(0000–	) Nut, Hex, Lock, M6 X 1.0, Ss, NI	2
17	08716	(0000–	) Screw, Hex, M6 X 1.0 X 20, Ss	2
18	1038074	(0057–0821	) Fitting, Plstc, Str, Bm12/Bm12	1
18	363543	(0822–	) Fitting, Plstc, Str, Bm10/Bm12	1
19	1036997	(0057–	) Manifold, Bar, Spray, 37.5inch	1
20	79273–2	(0057–	) Fitting, Plstc, Str, Bm12/Pm12	1
21	1039064	(0057–	) Fitting, Plstc, Cap, Pf12 Hex	1
22	365164	(0822–	) Fitting, Plstc, Str, Bm10/Bm10	1
23	1015033	(0822–	) Hose, Afmkt, Pvc, Brd, 0.62id, 01ft, Clr	1
24	63810	(0822–	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2

Fig. 47 – Recovery Tank Group

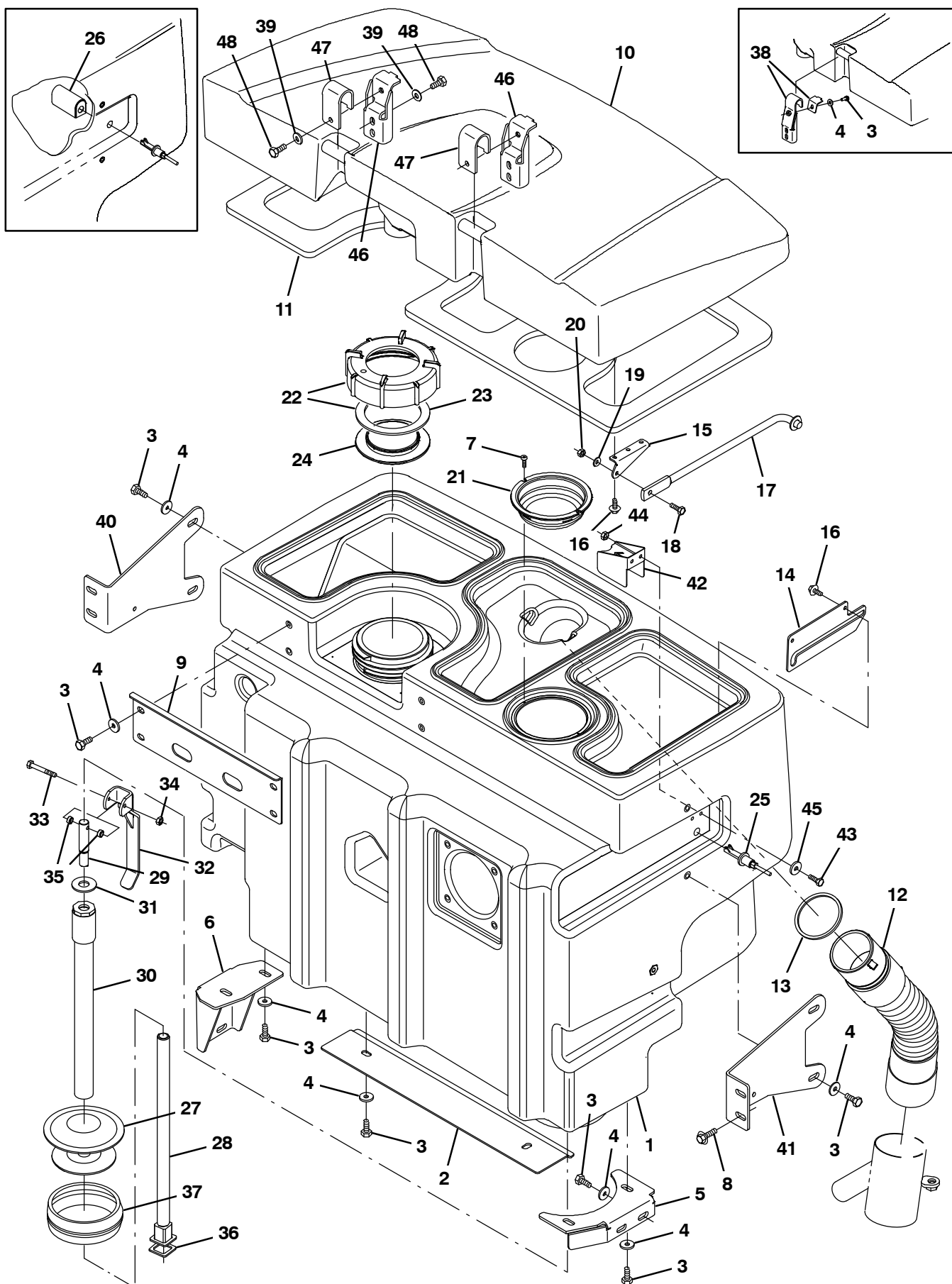


Fig. 47 – Recovery Tank Group

Ref.	Part No.	Serial Number	Description	Qty.
	1	1021419	(0000–) Tank, Recvy, Trimmed	1
	2	1024403	(0000–) Plate, Tank, Bottom	1
	3	09740	(0000–) Screw, Hex, M8 X 1.25 X 20, Ss	17
	4	1017218	(0000–) Washer, Flat, 0.32b 1.00d .12, Ss	15
	5	1020335	(0000–) Bracket, Sppt, Tank, Lh	1
	6	1020331	(0000–) Bracket, Sppt, Tank, Rh	1
	7	382320	(0000–) Screw, Pan, #12–16 X 0.50, F/ Plstc	2
	8	1037346	(0000–) Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	4
	9	1021090	(0000–) Plate, Sppt, Tank	1
	10	1022167	(0000–) Cover, Tank, Recvy, Trimmed	1
	11	1021879	(0000–) Gasket, Cover, Recvy Tank	1
	12	1031610	(0000–) Hose Assy, Sqge	1
	13	1021920	(0000–) Gasket, 3.23id 3.63od .16th, Ure	1
	14	1025620	(0000–) Plate, Mtg, Prop Rod	1
	15	1025619	(0000–) Bracket, Mtg, Prop Rod	1
	16	1046798	(0000–) Screw, Hex, .25–14 X 0.75, Fmg/Ab, Ss	4
	17	54615	(0000–) Arm Wldt, Safety, Sppt, Seat, .38d 10.1l	1
	18	08716	(0000–) Screw, Hex, M6 X 1.0 X 20, Ss	1
	19	01684	(0000–) Washer, Flat, 0.25, Ss	1
	20	08712	(0000–) Nut, Hex, Lock, M6 X 1.0, Ss, NI	1
	21	1026014	(0000–) Screen, Vacuum	1
▽	22	24358	(0000–) Cap Assy, Tank, Drain	1
▲	23	1031699	(0000–) Gasket, 4.05id 5.29od .19 [Buna]	1
	24	86636	(0000–) Cover, Tank	1
	25	385685	(0000–) Sensor, Level, Liq, 14vdc 01a .62–11	1
	26	9003449	(0000–0052) Cover Kit, Switch, Float, Repair	1
▽		9003313	(0000–) Plug Kit, Drain, Recvy, Ci [M20 & T20]	1
▲	27	1022370	(0000–) Plug, Drain, Expandable, 4.75–6.00	1
▲	28	1028328	(0000–) Tube Wldt, Plug, Drain	1
▲	29	1028173	(0000–) Pin, Lift, Drain	1
▲	30	1072885	(0000–) Tube Assy, Plug, Drain	1
▲	31	1028522	(0000–) Washer, Flat, .78b 1.75d .18, Ss	1
▲	32	1028211	(0000–) Handle Wldt, Drain	1
▲	33	58979	(0000–) Screw, Hex, M6 X 1.0 X 55, Ss	1
▲	34	08712	(0000–) Nut, Hex, Lock, M6 X 1.0, Ss, NI	1
▲	35	360801	(0000–) Sleeve, 0.31b 0.50d 0.3l, Ss	2
▲	36	1035044	(0000–) Seal, Shaft, Drain Plug	1
▲	37	1039652	(0000–) Seal, Plug, Drain, Nitrile	1
	38	9003893	(0000–xxxx) Hinge Kit, Cover, Tank, Recvy, Replmt	2
	39	32491	(xxxx–) Washer, Flat, 0.31, Std	6
	40	1038941	(0000–) Bracket, Sppt, Tank, Rh	1
	41	1038927	(0000–) Bracket, Sppt, Tank, Lh	1
	42	1037816	(0053–) Bracket, Protector, Float Switch	1
	43	09007	(0053–) Screw, Hex, M6 X 1.00 X 25, Ss	2
	44	08712	(0053–) Nut, Hex, Lock, M6 X 1.00, Ss, NI	2
	45	76426	(0053–) Washer, Sealing, 0.28b 0.75d Ss, Neo	2
	46	1039072	(xxxx–) Bracket, Sppt, Cover, Tank, Recvy	2
	47	1039049	(xxxx–) Bracket, Mtg, Cover, Recvy Tank	2
	48	16735	(xxxx–) Screw, Hex, M8 X 1.25 X 16, 8.8	6

Fig. 48 – Recovery Tank Drain Group

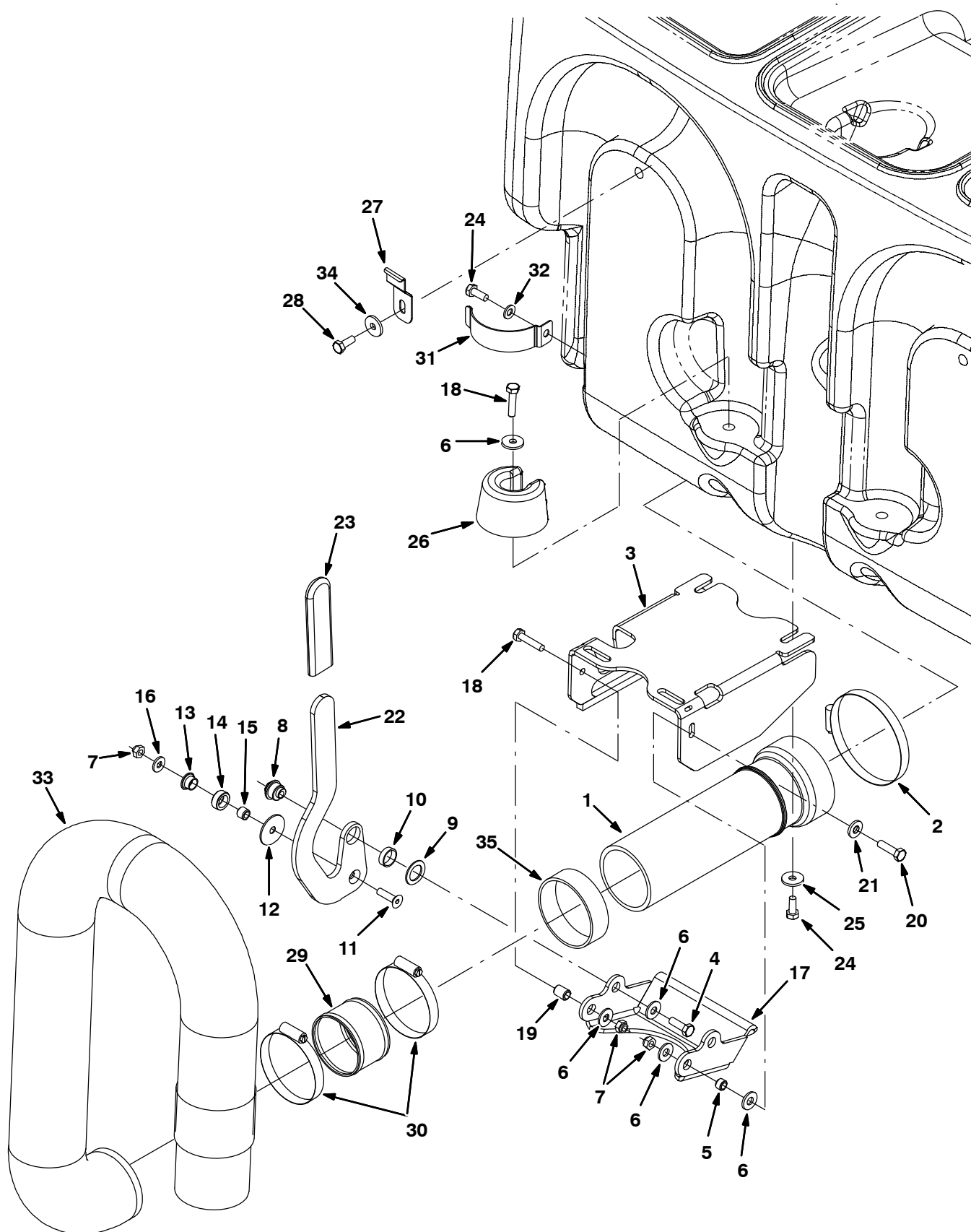


Fig. 48 – Recovery Tank Drain Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9003794	(0000–	) Tube Kit, Tank, Recvy, Replmt	1
2	23498	(0000–	) Clamp, Hose, Wormdrive, 3.56–4.50d, .50w	1
3	1042010	(0000–	) Mount Wldt, Valve, Pinch, Lh	1
4	39277	(0000–	) Screw, Hex, M8 X 1.25 X 25, 8.8	1
5	222516	(0000–	) Sleeve, P/M, 0.31b 0.50d 0.3l [430ss]	1
6	32491	(0000–	) Washer, Flat, 0.31, Std	5
7	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	3
8	1024599	(0000–	) Bushing, Eccentric, Adj	1
9	1026051	(0000–	) Washer, Flat, 0.79b 1.18d .06, Nyl	1
10	74090	(0000–	) Bushing, Sleeve, 0.75b 0.88d 0.25l	1
11	79506	(0000–	) Screw, Flt, M8 X 1.25 X 30, Ss	1
12	1028701	(0000–	) Washer, Thrust, 0.34b 1.50d .06	1
13	15648	(0000–	) Bushing, Flng, 0.50b 0.59d 0.38l	1
14	1028691	(0000–	) Roller, Brg	1
15	1028690	(0000–	) Tube, 0.50d 0.32b 00.4l, Ss	1
16	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	1
17	1024535	(0000–	) Arm, Pinch	1
18	06955	(0000–	) Screw, Hex, M8 X 1.25 X 35, 8.8	2
19	80395	(0000–	) Sleeve, P/M, 0.31b 0.50d 0.7l [430ss]	1
20	76570	(0000–	) Screw, Hex, M8 X 1.25 X 30, 8.8	1
21	41186	(0000–	) Washer, Flat, Belleville, .31	1
22	1027039	(0000–	) Handle, Valve, Pinch, Lh	1
23	1023502	(0000–	) Grip, Handle	1
24	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	5
25	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	2
26	1022137	(0000–	) Plug, Hose, Pyu	2
27	1025480	(0000–	) Bracket, Retaining, Hose	1
28	15675	(0000–	) Screw, Hex, M8 X 1.25 X 16, Ss	1
29	1041953	(0000–	) Tube, 2.90id 3.00od 02.4l, Ss	1
30	43555	(0000–	) Clamp, Hose, Wormdrive, 2.50–3.50d, .50w	2
31	1024558	(0000–	) Strap, Retaining, Hose	1
32	39349	(0000–	) Washer, Flat, 0.31 Sae	1
33	1019424	(0000–	) Hose, Drain, 3.00id X 48.0l	1
34	01685	(0000–	) Washer, Flat, 0.31, Ss	2
35	1031309	(0000–	) Tube, Acrylic, Hose, Pinch	1

Fig. 49 – Vacuum Fan Group, Scrubbing (0000-0781)

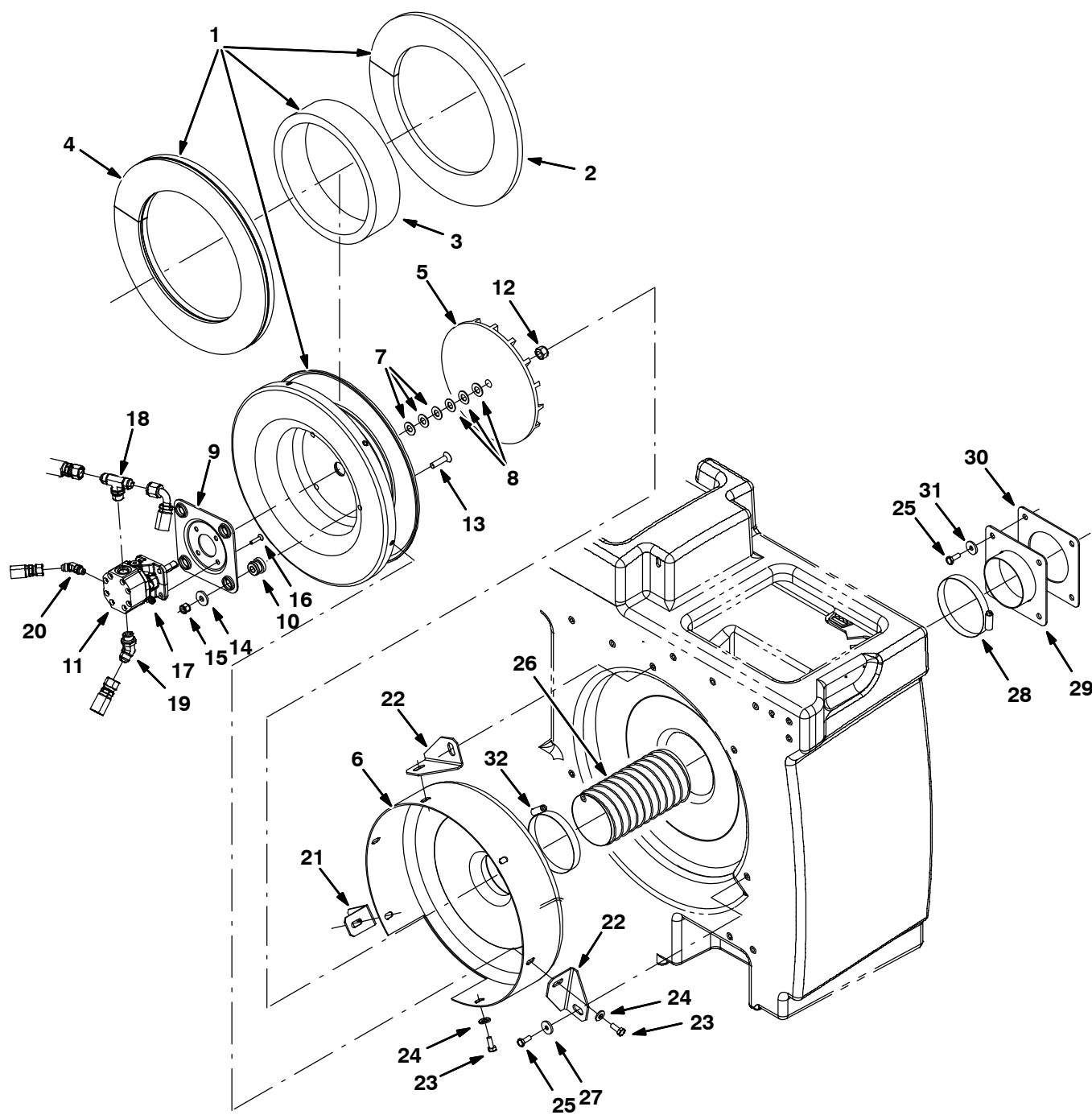


Fig. 49 – Vacuum Fan Group, Scrubbing (0000–0781)

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9003455	(0000–0781)	) Fan Kit, Scrub, Replmt [M20/T20]	1
▲▽	1	9002684	(0000–0781)	) Housing Assy, Vacfan, Scrbr	1
▲▲	2	1025888	(0000–0781)	) Insulation, Flame–Retardant, 0.50	1
▲▲	3	1025887	(0000–0781)	) Insulation, Flame–Retardant, 0.75–0.88	1
▲▲	4	1025872	(0000–0781)	) Insulation, Flame–Retardant, 0.75–0.88	1
▲	5	03922	(0000–0781)	) Impeller, 9.5d, 18 Bl	1
▲	6	57189	(0000–0781)	) Housing Wldt, Vacfan, Front [528]	1
▲	7	75456–3	(0000–0781)	) Shim, Washer, 0.88d 0.51b .020	3
▲	8	75456–4	(0000–0781)	) Shim, Washer, 0.88d 0.51b .060	3
▲	9	54275A	(0000–0781)	) Bracket, Mtg, Motor	1
▲	10	54274	(0000–0781)	) Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	4
▲▽	11	9003461	(0000–0781)	) Motor Kit, Replmt [M20&T20]	1
▲▲		00954	(0000–0781)	) Key, Sq, 0.12 X 0.12, 1.00l (Included With Motor)	1
▲▲		74233	(0000–0781)	) Kit, Seal, Motor, Hyd, Gear[Barns]	1
▲▲	12	41130	(0000–0781)	) Nut, Low Crown, .50–20	1
▲▲	13	54861	(0000–0781)	) Screw, Flt, .38–16 X 1.50, Al	4
▲▲	14	1014563	(0000–0781)	) Washer, Flat, 0.40b 1.12d .12, Ss	4
▲▲	15	36643	(0000–0781)	) Nut, Hex, Lock, .38–16, NI, Thin	4
▲▲	16	39534	(0000–0781)	) Screw, Flt, .25–20 X 1.00, Al	4
▲▲	17	32981	(0000–0781)	) Nut, Hex, Lock, .25–20, NI	4
▲▲	18	49933	(0000–0781)	) Fitting, Hyd, Tee, Jm08/Jm08/Om08, Br	1
▲▲	19	42226	(0000–0781)	) Fitting, Hyd, E45, Jm08/Om08	1
▲▲	20	392609	(0000–0781)	) Fitting, Hyd, E45, Jm06/Om04	1
▲	21	1020320	(0000–0781)	) Angle, Sppt, Fan	1
▲	22	1024891	(0000–0781)	) Bracket, Mtg, Fan	2
▲	23	16931	(0000–0781)	) Screw, Hex, M8 X 1.25 X 20, 8.8	6
▲	24	41186	(0000–0781)	) Washer, Flat, Belleville, .31	6
	25	09740	(0000–0781)	) Screw, Hex, M8 X 1.25 X 20, Ss	7
	26	1022377	(0000–0781)	) Hose, Flex, 4.00d, 24.0l	1
	27	1014563	(0000–0781)	) Washer, Flat, 0.40b 1.12d .12, Ss	3
	28	79380	(0000–0781)	) Clamp, Hose, Wormdrive, 3.75–4.62d, .62w	1
	29	1023754	(0000–0781)	) Plate Wldt, Hose, Vacuum	1
	30	1024853	(0000–0781)	) Gasket, Plt, Hose, Vacuum	1
	31	1017218	(0000–0781)	) Washer, Flat, 0.32b 1.00d .12, Ss	4
	32	23498	(0000–0781)	) Clamp, Hose, Wormdrive, 3.56–4.50D, .50W	1

Fig. 50 – Vacuum Fan Group, Scrubbing (0782–)

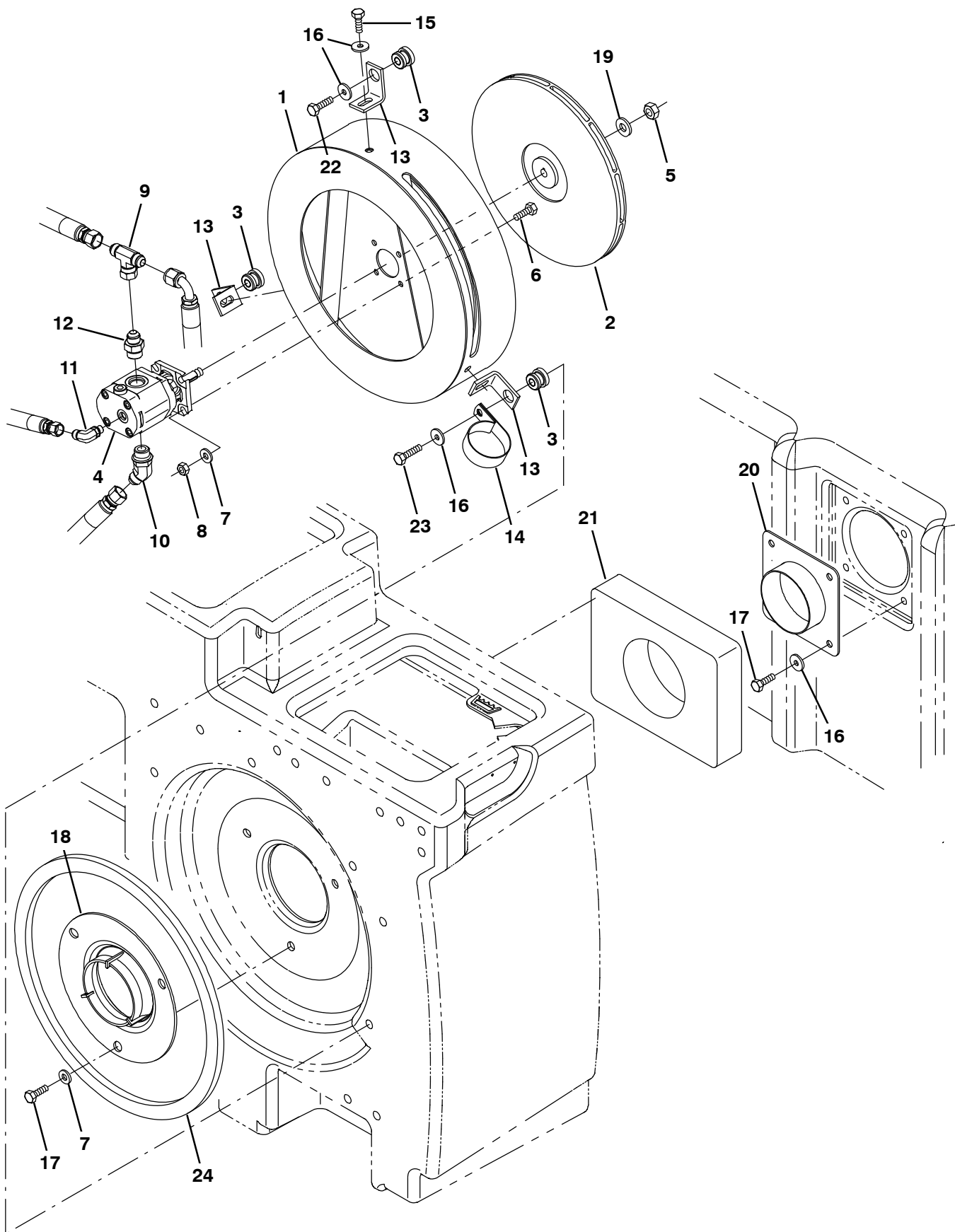


Fig. 50 – Vacuum Fan Group, Scrubbing (0782–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1068611	(0782–)	Plate Wldt, Mtg, Fan	1
2	1062033	(0782–)	Impeller, 11.81d X 0.500b	1
3	54274	(0782–)	Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	3
4	1071253	(0782–)	Motor, Hyd, Gear, Ext 0.17 Lh 3000	1
5	07788	(0782–)	Nut, Hex, Std, M12 X 1.75, Ss	1
6	09010	(0782–)	Screw, Hex, M8 X 1.25 X 25, Ss	4
7	01685	(0782–)	Washer, Flat, 0.38b 0.88d .08, Ss	7
8	08713	(0782–)	Nut, Hex, Lock, M8 X 1.25, NI, Ss	4
9	76315	(0782–)	Fitting, Hyd, Tee, Jf08/Jm08/Jm08, Br	1
10	47513	(0782–)	Fitting, Hyd, E45, Jm08/Om10	1
11	77098	(0782–)	Fitting, Hyd, E90, Jm06/Om04	1
12	56692	(0782–)	Fitting, Hyd, Str, Jm08/Om10	1
13	1068644	(0782–)	Angle, Sppt, Fan	3
14	70157	(0782–)	Clamp, Cable, Ss, 2.50d X 1.00w, 1hole	1
15	39277	(0782–)	Screw, Hex, M8 X 1.25 X 25, 8.8	3
16	1017218	(0782–)	Washer, Flat, 0.32b 1.00d .12, Ss	10
17	09740	(0782–)	Screw, Hex, M8 X 1.25 X 20, Ss	7
18	1059100	(0782–)	Housing, Fan, Radial Discharge, Sq Inlet	1
19	36328	(0782–)	Washer, Flat, Belleville, .50	1
20	1023754	(0782–)	Plate Wldt, Hose, Vacuum	1
21	1060716	(0782–)	Gasket, 2.00, 07.87w 10.24l, Adh	1
22	09011	(0782–)	Screw, Hex, M8 X 1.25 X 30, Ss	2
23	09023	(0782–)	Screw, Hex, M8 X 1.25 X 35, FI, Ss	1
24	1068613	(0782–)	Gasket, Foam, .50, 14.76id 16.54od, Adh	1

Fig. 51 – Vacuum Fan Group, Sweeping

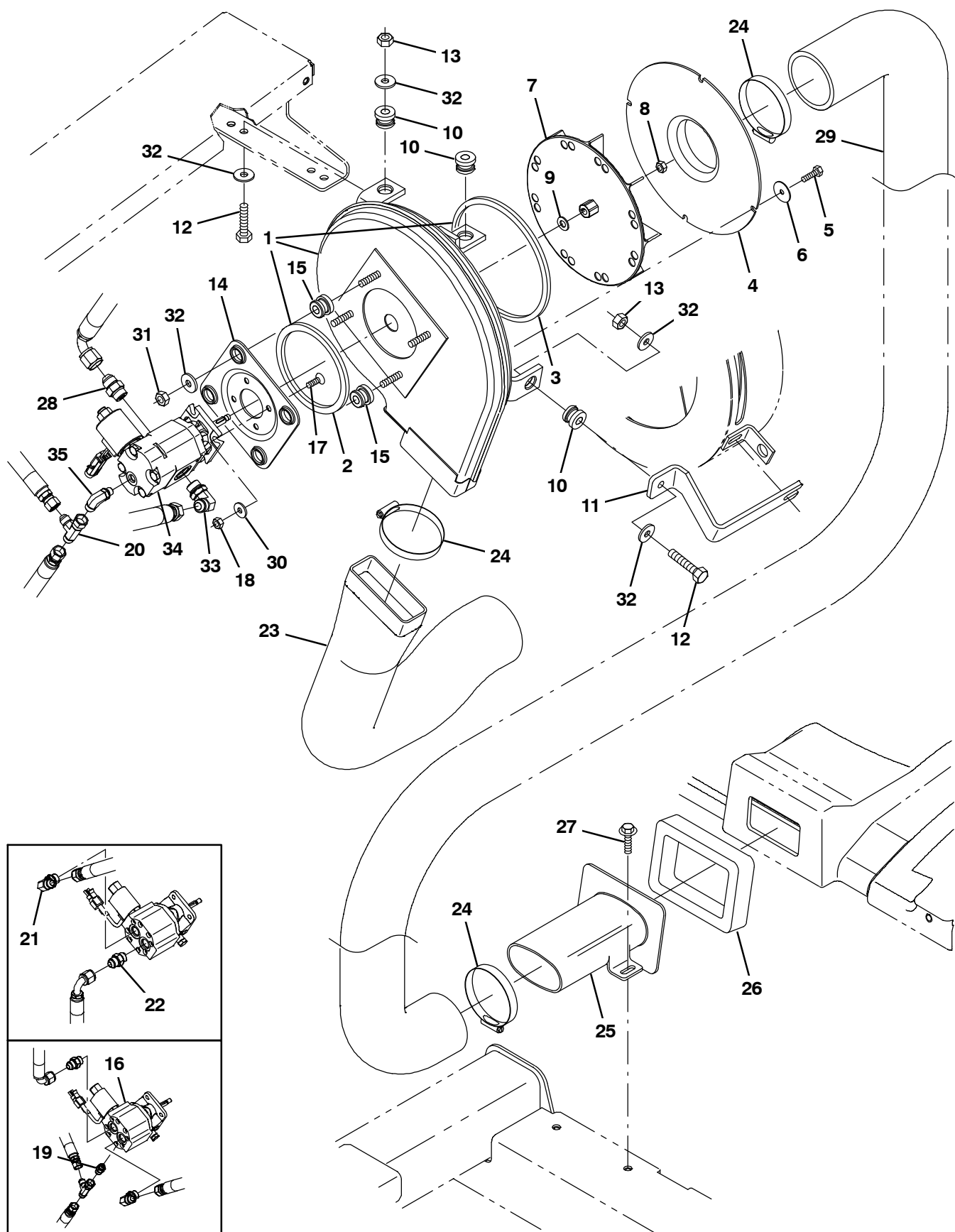


Fig. 51 – Vacuum Fan Group, Sweeping

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9002683	(0000–	) Housing Assy, Vacfan, Swpr	1
▲	2	59967	(0000–	) Seal, Ure, 0.38 0.75w 13.2l Adh	1
▲	3	59735	(0000–	) Seal, Ure, 0.38 0.75w 33.0l Adh	1
	4	1018216	(0000–	) Fan Wldt, Vac, Inlet	1
	5	34323	(0000–	) Screw, Hex, .25–20 X 0.75, NI	4
	6	41178	(0000–	) Washer, Flat, 0.25 Fender	4
	7	74454	(0000–	) Impeller, 9.00d X 1.40w X 0.376b	1
	8	31241	(0000–	) Nut, Hex, Lock, .31–24, NI, Thin	1
	9	32485	(0000–	) Washer, Flat, 0.38 Sae	1
	10	59649	(0000–	) Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	3
	11	1034388	(0000–0776	) Bar, Isolator, Vacfan [M20 2007]	1
	11	1074010	(0777–	) Bar, Isolator, Vacfan [M20]	1
	12	39285	(0000–	) Screw, Hex, M10 X 1.5 X 40, 8.8	3
	13	41430	(0000–	) Nut, Hex, Lock, M10 X 1.5, NI	3
	14	54275A	(0000–	) Bracket, Mtg, Motor	1
	15	54274	(0000–	) Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h	4
	16	53485	(0000–0776	) Motor, Hyd, Gear, [Ex] .194 R 3000 (See Breakdowns)	1
	17	39534	(0000–	) Screw, Flt, Soc, .25–20 X 1.00, Al	4
	18	32981	(0000–	) Nut, Hex, Lock, .25–20, NI	4
	19	50960	(0000–0776	) Fitting, Hyd, Str, Jm06/Om04	1
	20	42215	(0000–	) Fitting, Hyd, Tee, Jf06/Jm06/Jm06, Run	1
	21	44868	(0000–0037	) Fitting, Hyd, E90, Jm08/Om08	1
	22	44869	(0000–0037	) Fitting, Hyd, Str, Jm08/Om08	1
	23	1025756	(0000–	) Muffler, Vacfan, 4.0id	1
	24	23498	(0000–	) Clamp, Hose, Wormdrive, 3.56–4.50d, .50w	3
	25	1025841	(0000–	) Tube, Transition, Casting	1
	26	1018209	(0000–	) Gasket, Hppr, Transition	1
	27	1037346	(0000–	) Screw, Hex, M8 X 1.25 X 25, 9.8, Sems	2
	28	44869	(0038–	) Fitting, Hyd, Str, Jm08/Om08	1
	29	1018252	(0000–	) Hose, Flex, Vacuum, 3.5d 32.0l	1
	30	32483	(0777–	) Washer, Flat, 0.25, Sae	4
	31	36643	(0000–	) Nut, Hex, Lock, .38–16, NI, Thin	4
	32	1014563	(0000–	) Washer, Flat, 0.40b 1.12d .12, Ss	10
	33	44868	(0038–	) Fitting, Hyd, E90, Jm08/Om08	1
	34	1071240	(0777–	) Motor, Hyd, Gear, Ext 0.17 Lh 3000	1
	35	77098	(0777–	) Fitting, Hyd, E90, Jm06/Om04	1

Fig. 52 – Hydraulic Schematic (0000–0131)

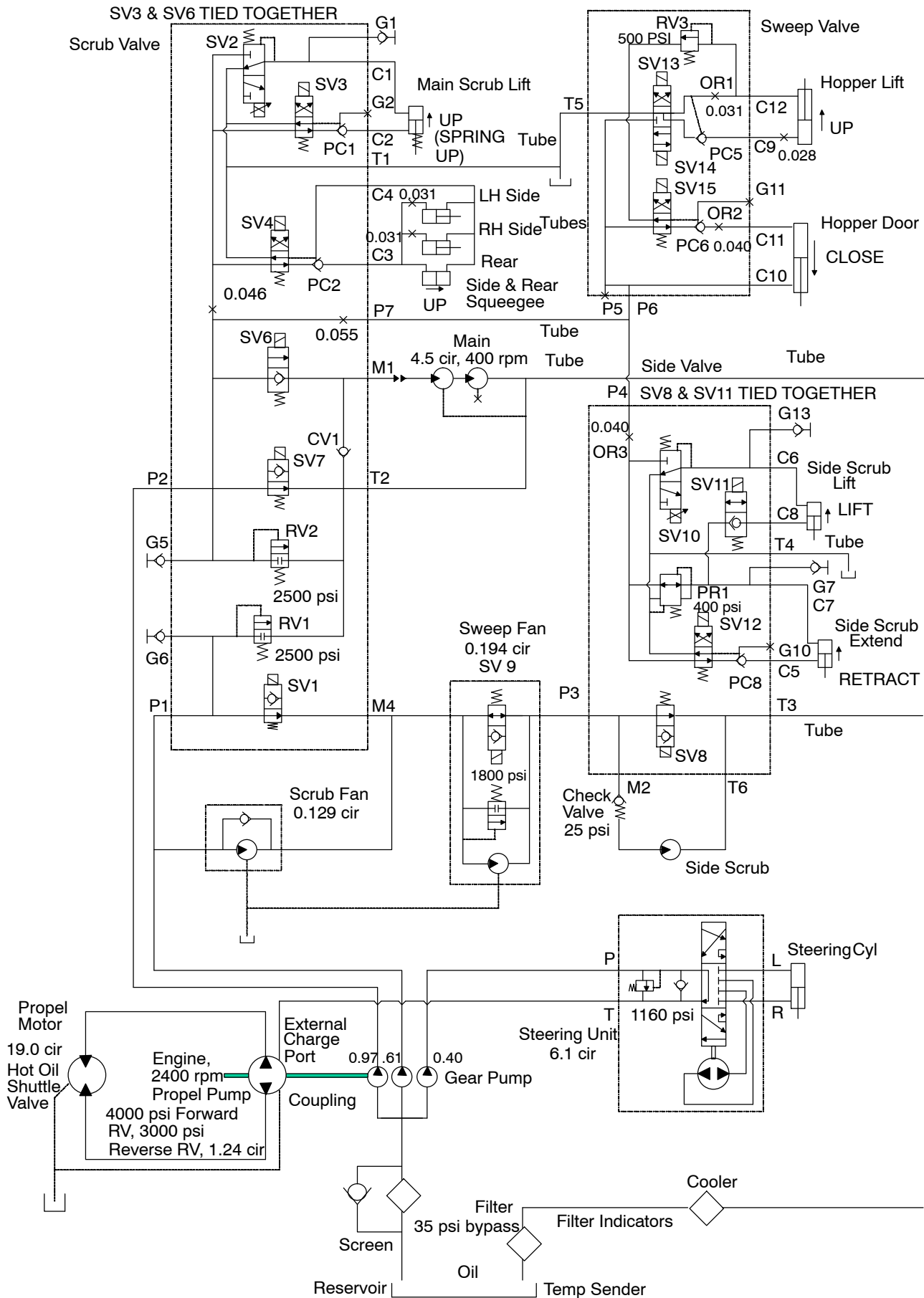
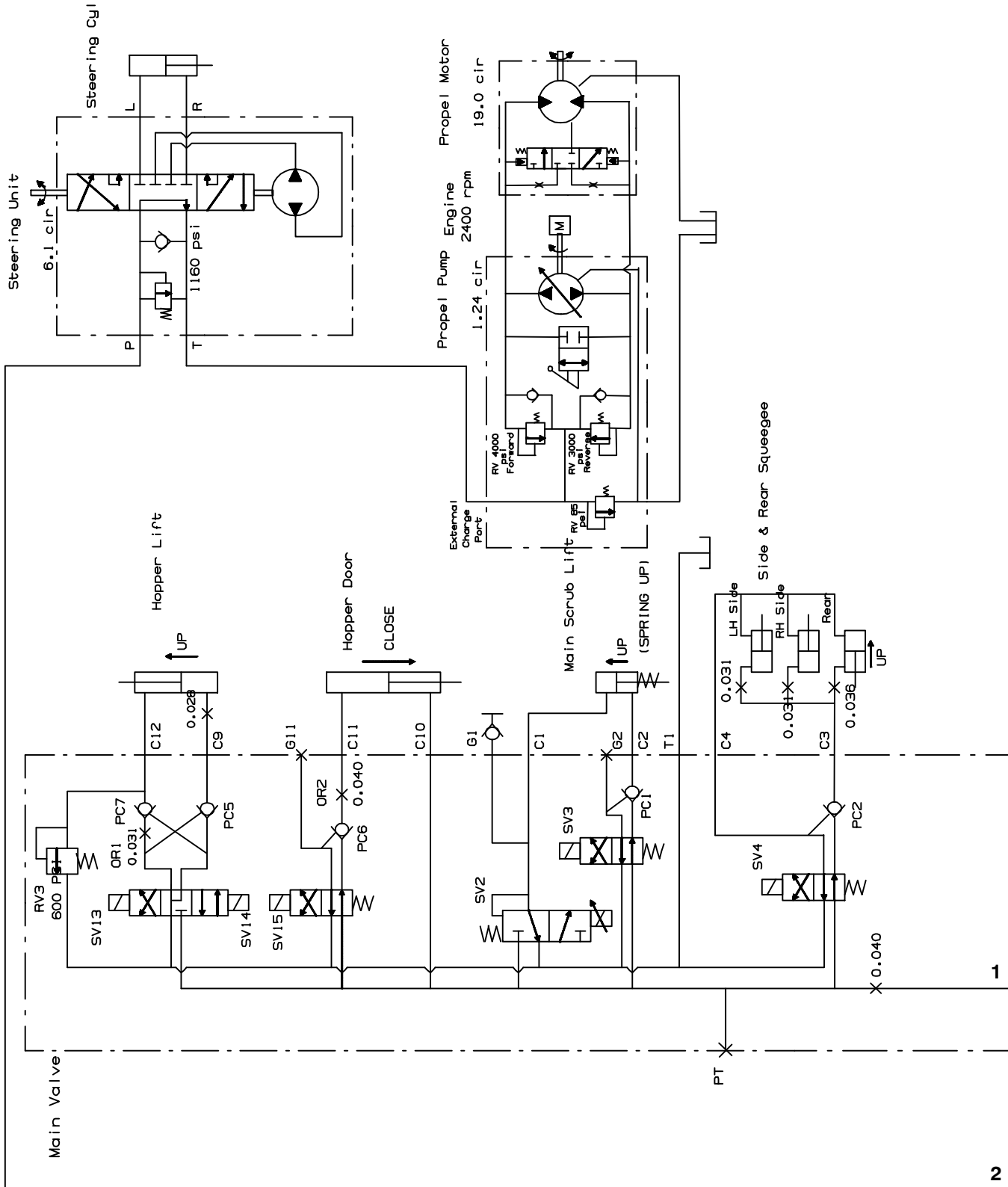
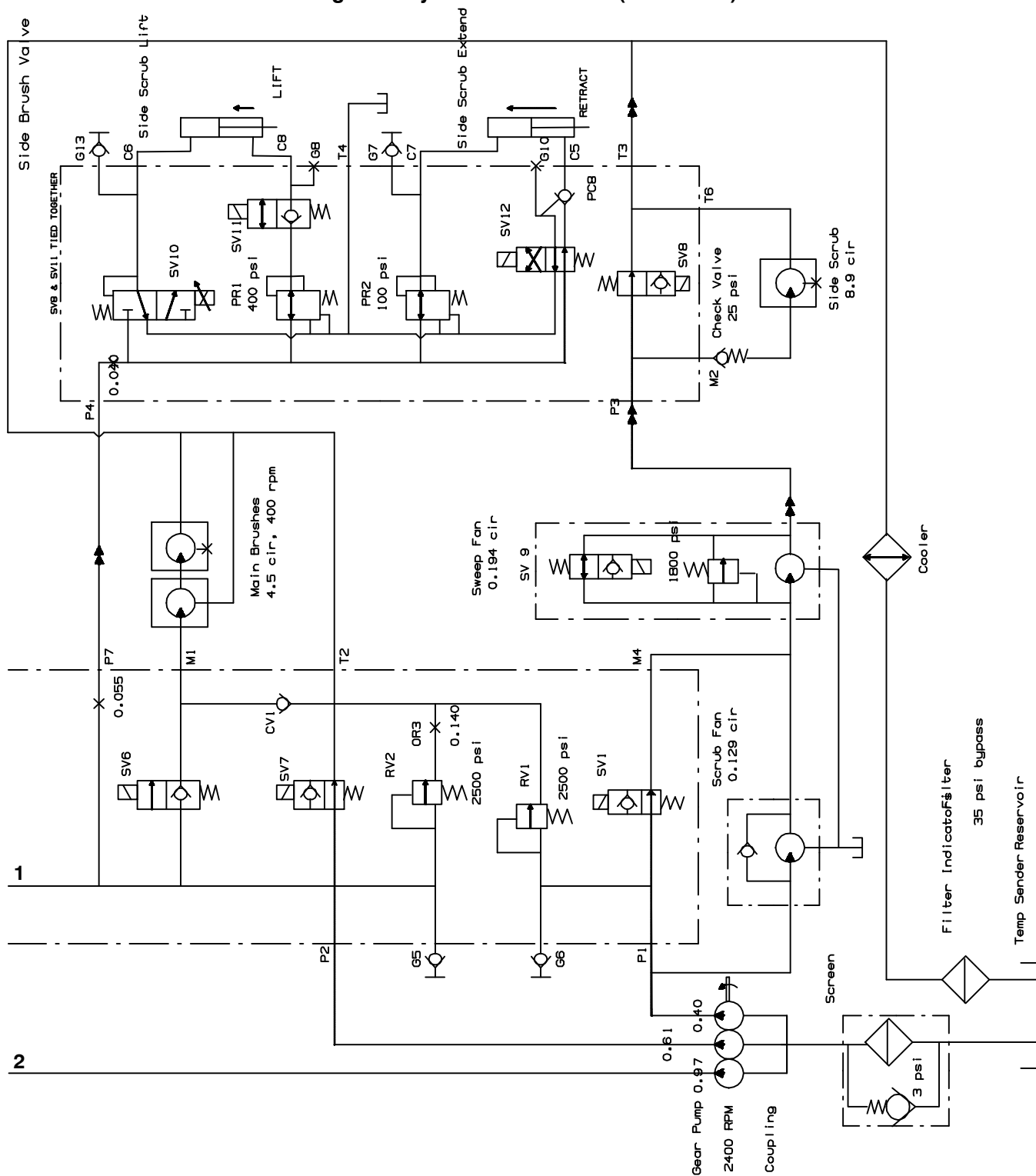


Fig. 53 – Hydraulic Schematic (0132–0270)



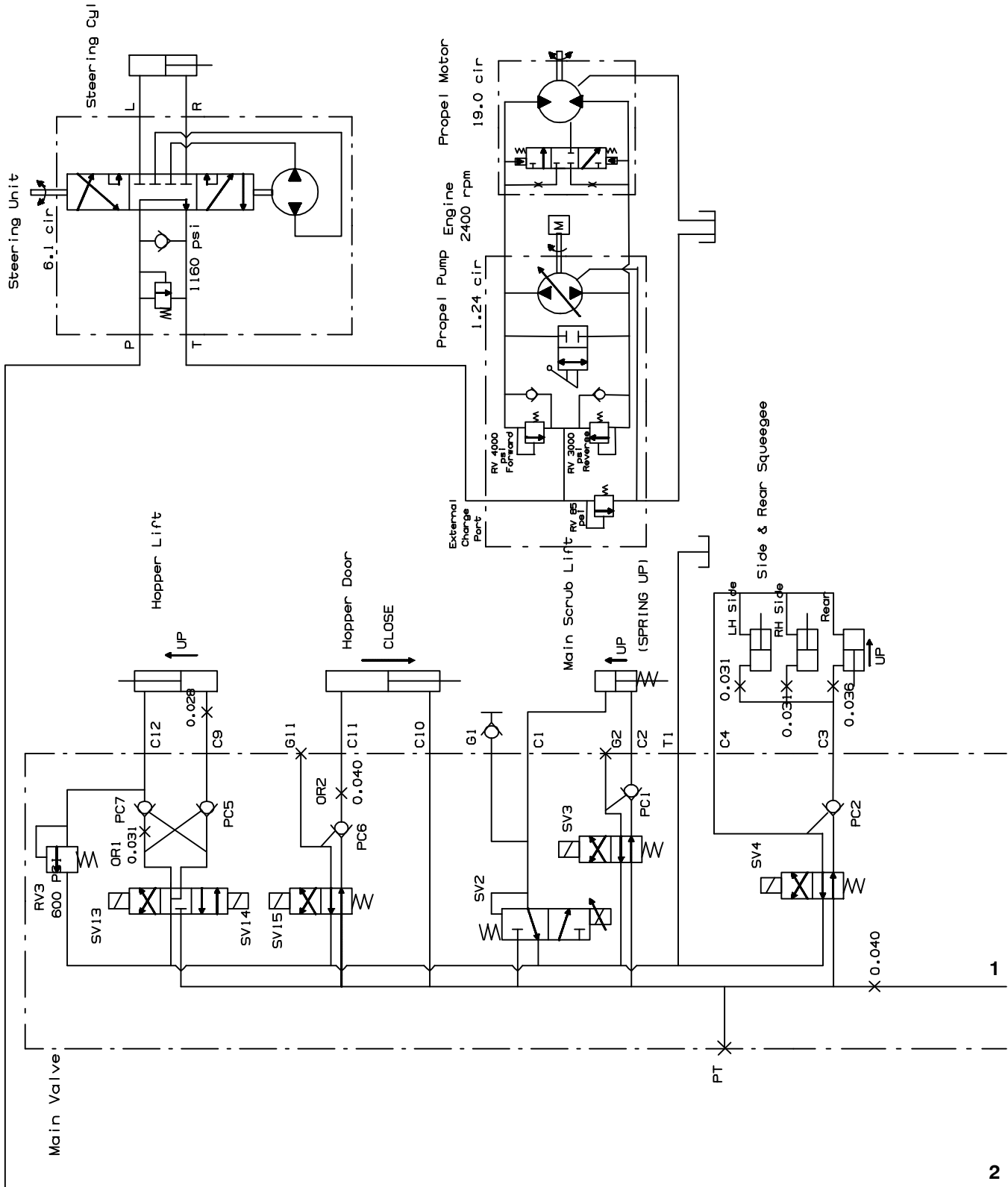
354453, 1018547 – M20

Fig. 53 – Hydraulic Schematic (0132-0270)



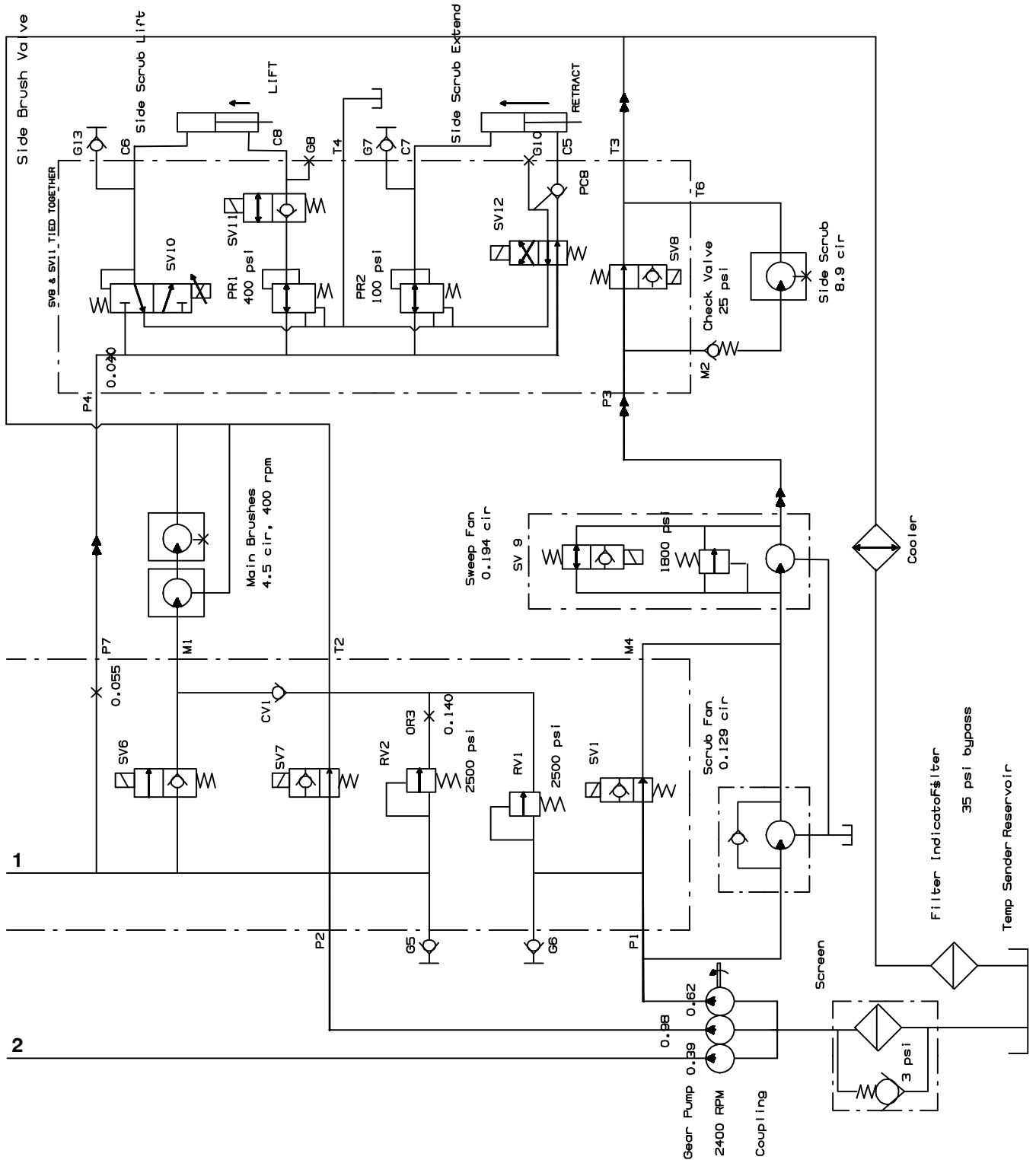
354453, 1018547 – M20

Fig. 54 – Hydraulic Schematic (0271–)



354453, 1018547 – M20

Fig. 54 – Hydraulic Schematic (0271–)



354453, 1018547 – M20

Fig. 55 – Hydraulic Hose Group, Steering and Propel

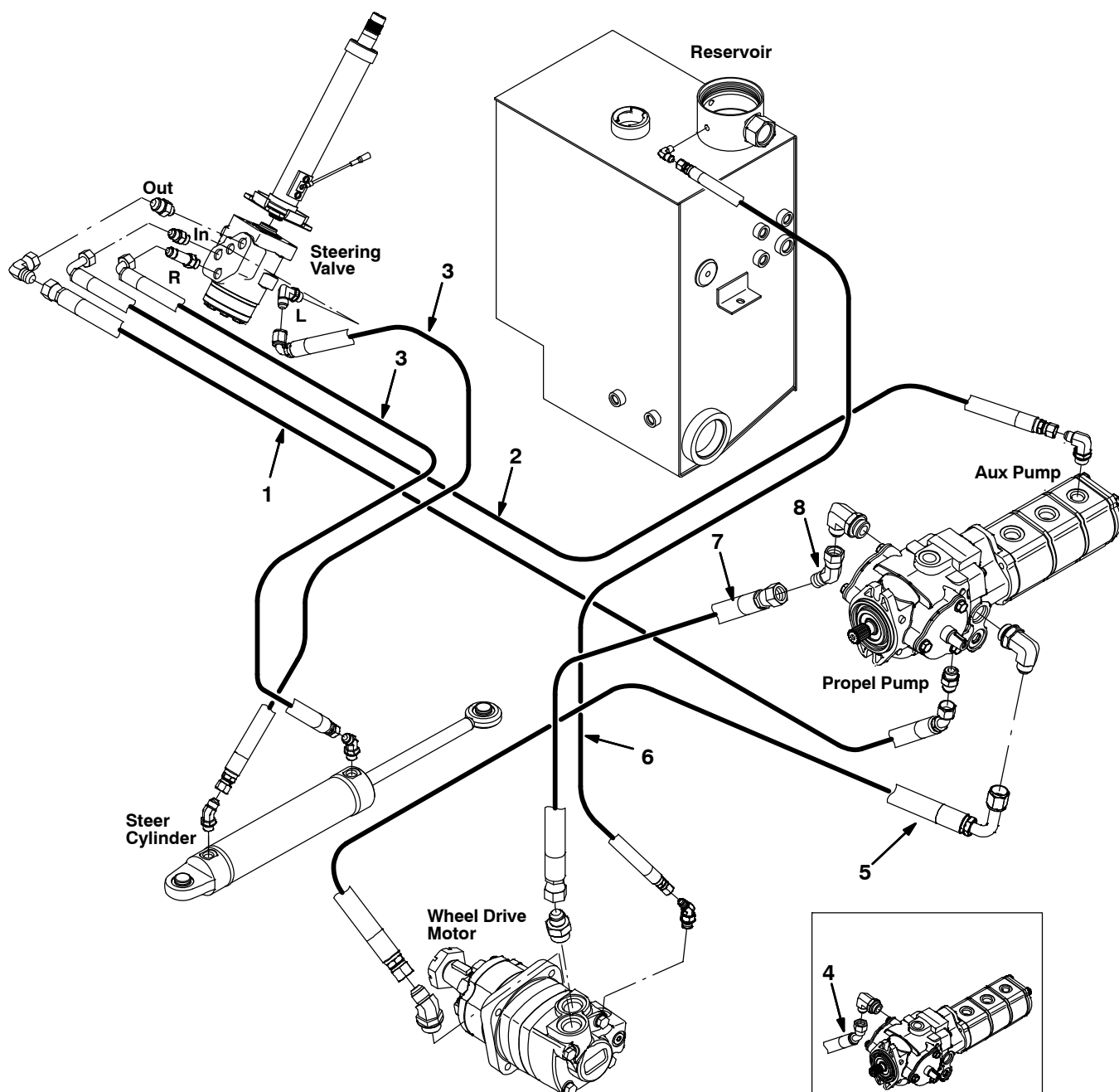


Fig. 55 – Hydraulic Hose Group, Steering and Propel

Ref.	Part No.	Serial Number	Description	Qty.
1	1023609	(0000–	) Hose, Hyd, Tc08, Jf08e45/Jf08str, 96.0	1
2	1023608	(0000–	) Hose, Hyd, Tc06, Jf06e90/Jf06str, 104.0	1
3	396221	(0000–	) Hose, Hyd, Tc06, Jf06e90/Jf06str, 040.0	2
4	1039148	(0000–0060	) Hose Kit, Hyd, Propel, Ci [M20/T20]	1
5	1023488	(0000–	) Hose, Hyd, Spcl, Jf10e90/Jf10str, 63.0	1
6	1030404	(0000–	) Hose, Hyd, Med04, Jf04str/Jf04str, 066.0	1
7	1038569	(0061–	) Hose, Hyd, Spcl, Jf10str/Jf10str, 56.5	1
8	54017	(0061–	) Fitting, Hyd, E45, Jf10/Jm10	1

Fig. 56 – Hydraulic Hose Group, Pump and Vacuum Fans (0000-0776)

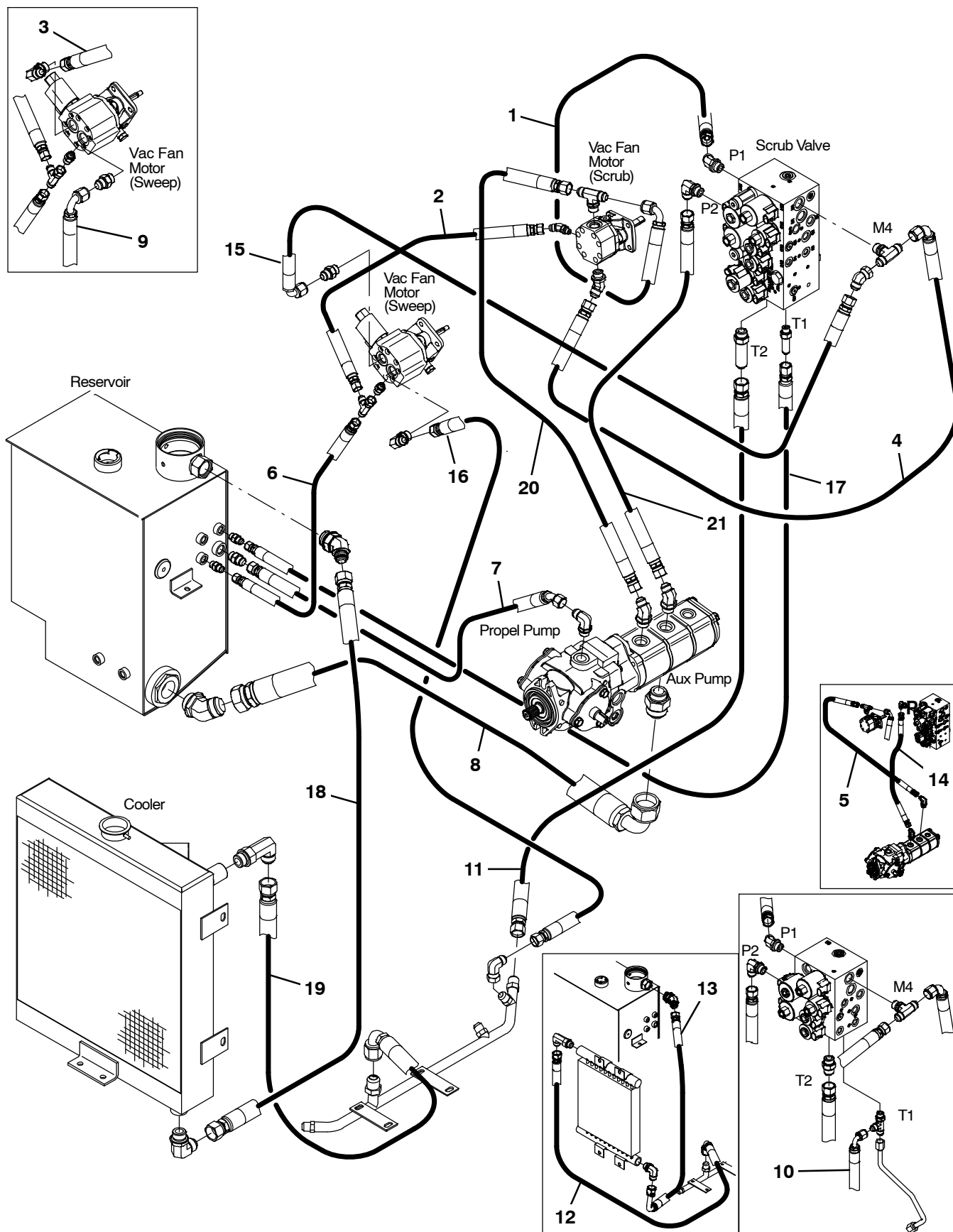


Fig. 56 – Hydraulic Hose Group, Pump and Vacuum Fans (0000–0776)

Ref.	Part No.	Serial Number	Description	Qty.
1	71741	(0000–0776	) Hose, Hyd, Tc08, Jf08e90/Jf08str, 046.0	1
2	361044	(0000–0776	) Hose, Hyd, Med06, Jf06str/Jf06str, 018.0	1
3	381862	(0000–0039	) Hose, Hyd, Tc08, Jf08str/Jf08str, 024.0	1
4	396255	(0000–0776	) Hose, Hyd, Tc08, Jf08str/Jf08e90, 031.0	1
5	1026645	(0000–0270	) Hose, Hyd, Tc08, Jf08e45/Jf08str, 26.0	1
6	16431	(0000–0776	) Hose, Hyd, Med06, Jf06str/Jf06str, 022.0	1
7	1023607	(0000–0776	) Hose, Hyd, Med08, Jf08str /Jf08e45, 21.0	1
8	1036710	(0000–0776	) Hose, Hyd, Suc20, Jf20str/Jf20e90, 030.0	1
9	396266	(0000–0039	) Hose, Hyd, Med08, Jf08e90/Jf08str, 031.0	1
10	71735	(0000–0131	) Hose, Hyd, Med06, Jf06e90/Jf06str, 042.0	1
11	1025547	(0000–0131	) Hose, Hyd, Med10, Jf10str/Jf10str, 41.0	1
11	1040655	(0132–0776	) Hose, Hyd, Med10, Jf10str/Jf10str, 36.0	1
12	396438	(0000–0195	) Hose, Hyd, Tc12, Jf12e90/Jf12str, 044.0	1
13	1028145	(0000–0195	) Hose, Hyd, Med12, Jf12e90/Jf12str, 66.0	1
14	1023606	(0000–0270	) Hose, Hyd, Tc08, Jf08str/Jf08str, 21.0	1
15	381858	(0040–0131	) Hose, Hyd, Tc08, Jf08e90/Jf08str, 024.0	1
15	1040216	(0132–0776	) Hose, Hyd, Tc08, Jf08e90/Jf08str, 029.0	1
16	1036945	(0040–0776	) Hose, Hyd, Tc08, Jf08str/Jf08str, 031.0	1
17	71556	(0132–0776	) Hose, Hyd, Med06, Jf06str/Jf06str, 042.0	1
18	1052834	(0196–0776	) Hose, Hyd, Med12, Jf12str/Jf12str, 060.0	1
19	1050436	(0196–0776	) Hose, Hyd, Med12, Jf12e90/Jf12str, 029.0	1
20	1026645	(0271–0776	) Hose, Hyd, Tc08, Jf08E45/Jf08Str, 026.0	1
21	1023606	(0271–0776	) Hose, Hyd, Tc08, Jf08Str/Jf08Str, 021.0	1

Fig. 57 – Hydraulic Hose Group, Pump and Vacuum Fans (0777–)

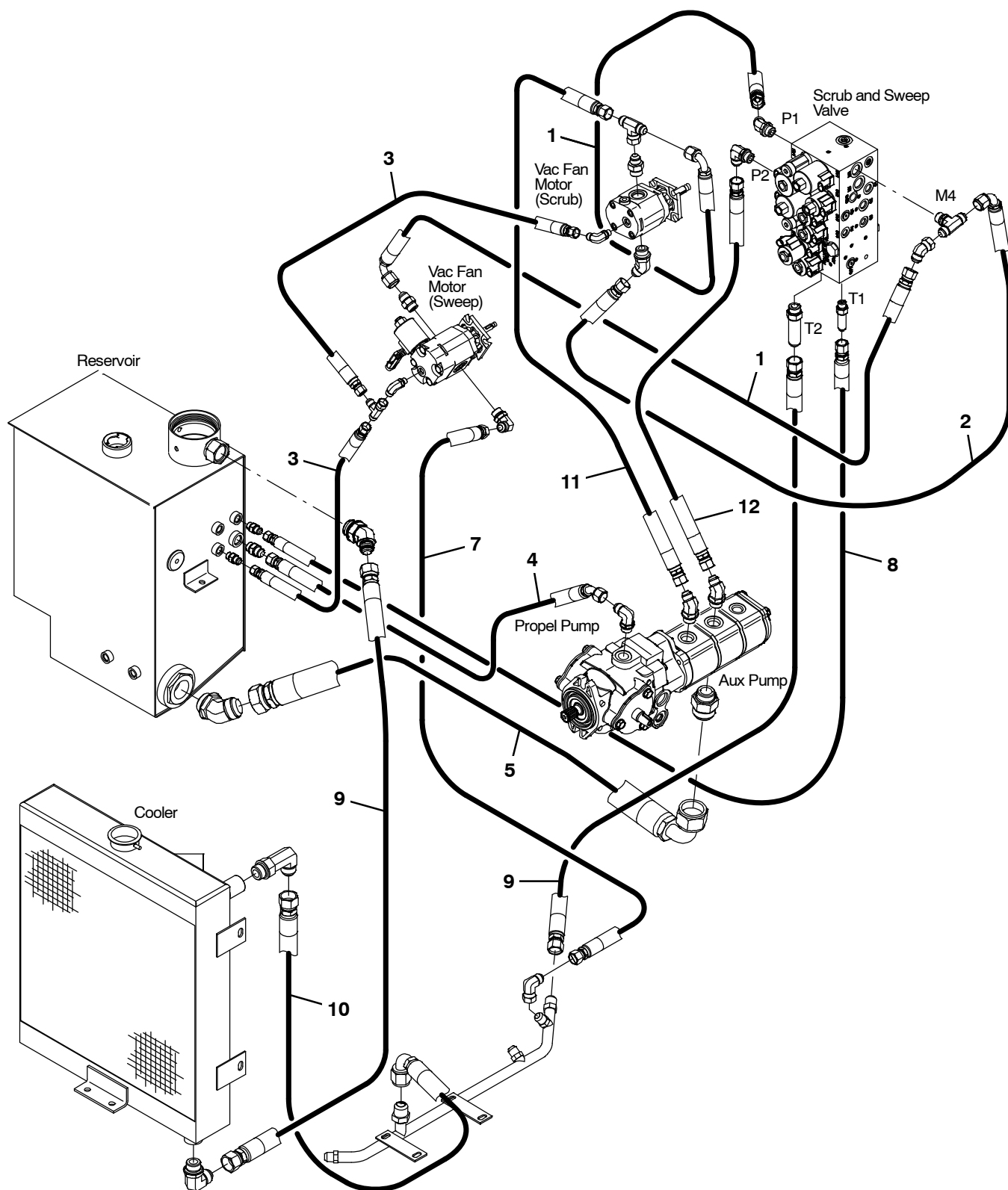


Fig. 57 – Hydraulic Hose Group, Pump and Vacuum Fans (0777–)

Ref.	Part No.	Serial Number	Description	Qty.
1	71741	(0777–	) Hose, Hyd, Tc08, Jf08e90/Jf08str, 046.0	2
2	396255	(0777–	) Hose, Hyd, Tc08, Jf08str/Jf08e90, 031.0	1
3	16431	(0777–	) Hose, Hyd, Med06, Jf06str/Jf06str, 022.0	1
4	1023607	(0777–	) Hose, Hyd, Med08, Jf08str /Jf08e45, 21.0	1
5	1036710	(0777–	) Hose, Hyd, Suc20, Jf20str /Jf20e90, 30.0	1
6	1040655	(0777–	) Hose, Hyd, Med10, Jf10Str/Jf10Str, 036.0	1
7	1036945	(0777–	) Hose, Hyd, Tc08, Jf08str/Jf08str, 031.0	1
8	71556	(0777–	) Hose, Hyd, Med06, Jf06Str/Jf06Str, 042.0	1
9	1052834	(0777–	) Hose, Hyd, Med12, Jf12str/Jf12str, 060.0	1
10	1050436	(0777–	) Hose, Hyd, Med12, Jf12e90/Jf12str, 029.0	1
11	1026645	(0777–	) Hose, Hyd, Tc08, Jf08E45/Jf08Str, 026.0	1
12	1023606	(0777–	) Hose, Hyd, Tc08, Jf08Str/Jf08Str, 021.0	1

Fig. 58 – Hydraulic Hose Group, Brush and Hopper

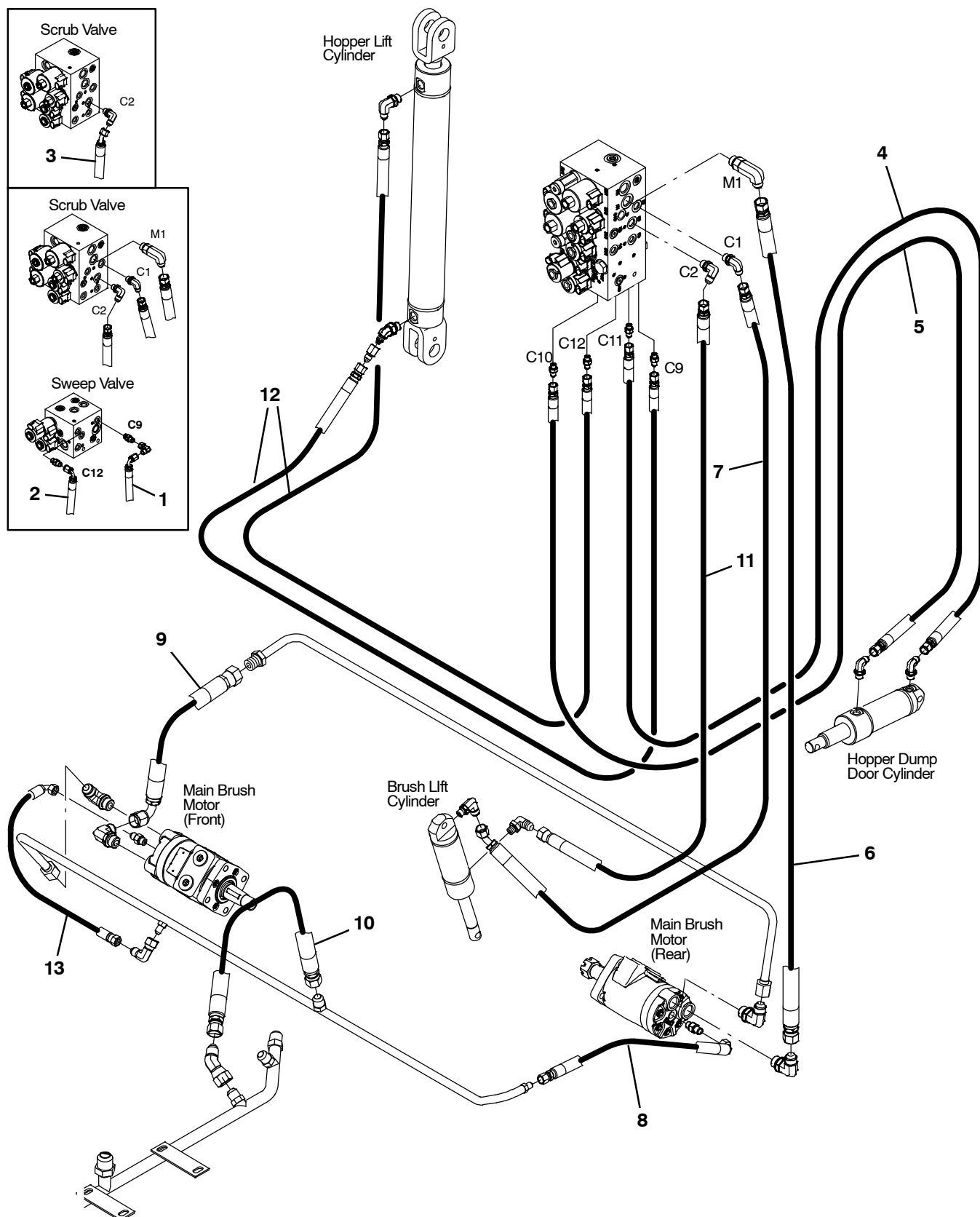


Fig. 58 – Hydraulic Hose Group, Brush and Hopper

Ref.	Part No.	Serial Number	Description	Qty.
1	1027320	(0000–0131	) Hose, Hyd, Tc04, Jf04str /Jf04e90, 88.0	1
2	1027321	(0000–0131	) Hose, Hyd, Tc04, Jf04str /Jf04e90, 70.0	1
3	1025548	(0000–0039	) Hose, Hyd, Tc06, Jf06str /Jf06e45, 54.0	1
4	1026733	(0000–0131	) Hose, Hyd, Spcl, Jf04str/Jf04str, 115.0	1
4	1042775	(0132–	) Hose, Hyd, Spcl, Jf04str/Jf04str, 133.0	1
5	1024688	(0000–0131	) Hose, Hyd, Spcl, Jf04str/Jf04str, 121.0	1
5	1042776	(0132–	) Hose, Hyd, Spcl, Jf04str/Jf04str, 127.0	1
6	1024764	(0000–	) Hose, Hyd, Tc08, Jf08str/Jf08str, 48.0	1
7	1023769	(0000–	) Hose, Hyd, Tc 06, Jf06str /Jf06e45, 56.0	1
8	57946	(0000–	) Hose, Hyd, Med04, Jf04e90/Jf04str, 016.0	1
9	1025544	(0000–	) Hose, Hyd, Tc08, Jf08e90/Jf08str, 13.0	1
10	51754	(0000–	) Hose, Hyd, Med08, Jf08str/Jf08str, 022.0	1
11	1036939	(0040–	) Hose, Hyd, Tc06, Jf06str/Jf06str, 054.0	1
12	1040628	(0132–	) Hose, Hyd, Tc04, Jf04str/Jf04str, 096.0	2
13	387281	(0202–	) Hose, Hyd, Tc04, Jf04e90/Jf04str, 020.0	1

Fig. 59 – Hydraulic Hose Group, Squeegee Lift

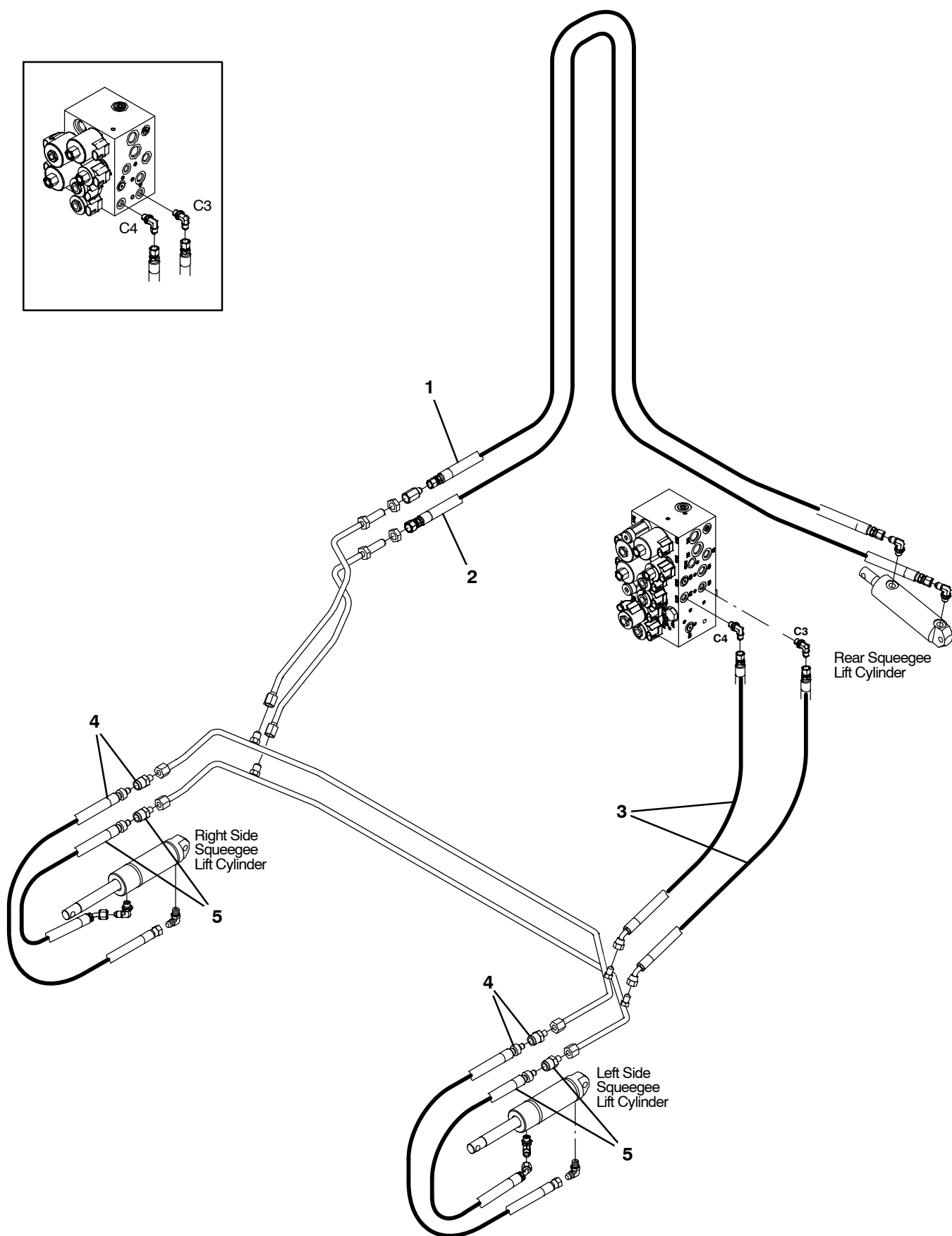


Fig. 59 – Hydraulic Hose Group, Squeegee Lift

Ref.	Part No.	Serial Number	Description	Qty.
1	1024688	(0000–	) Hose, Hyd, Spcl, Jf04str/Jf04str, 121.0	1
2	1025551	(0000–	) Hose, Hyd, Spcl, Jf04str/Jf06str, 125.0	1
3	1030709	(0000–	) Hose, Hyd, Tc 04, Jf04str /Jf04e45 , 35.0	2
4	1045759	(xxxx–	) Hose, Hyd, Tco4, Jf04Str/Qm06, 028.0	2
4	1037042	(0000–xxxx	) Hose, Hyd, Tc04, Jf04e45/Qm06, 028.0	2
5	1037053	(0000–	) Hose, Hyd, Tc04, Jf04e45/Qm06, 026.0	2

Fig. 60 – Hydraulic Pumps Group

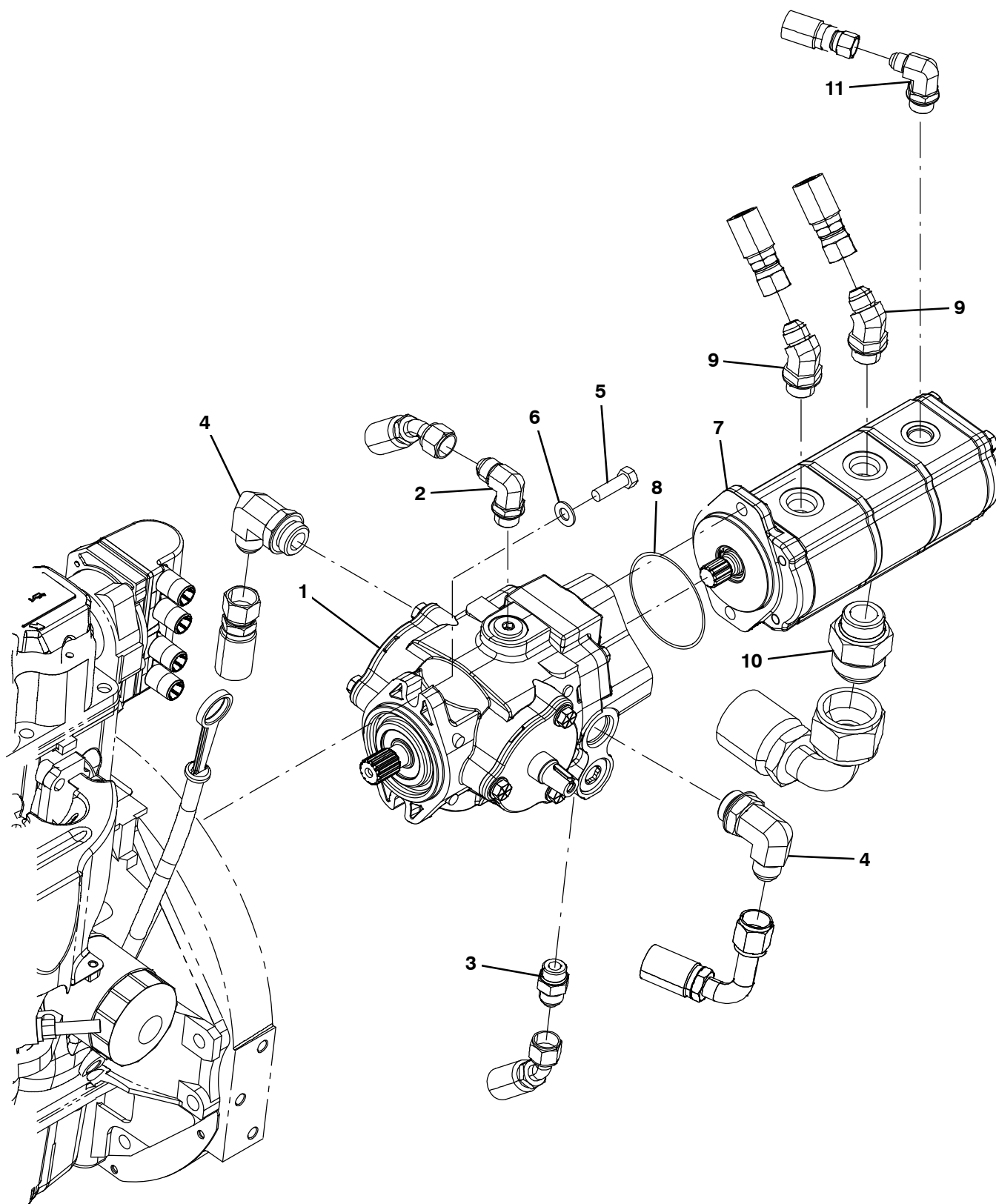


Fig. 60 – Hydraulic Pumps Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1024251	(0000–	) Pump, Hyd, Piston, Var, 1.24 4000, Cw (See Breakdowns)	1
2	44868	(0000–	) Fitting, Hyd, E90, Jm08/Om08	1
3	44869	(0000–	) Fitting, Hyd, Str, Jm08/Om08	1
4	53076	(0000–	) Fitting, Hyd, E90, Jm10/Om12	2
5	21198	(0000–	) Screw, Hex, .38–16 X 1.25, 5	2
6	32485	(0000–	) Washer, Flat, 0.38 Sae	2
7	9007142	(0000–	) Pump Kit, Mtg, Aux, Ci [M20 & T20]	1
8	65145–1	(0000–	) Seal, Org, .069 X 3.06id	1
9	47513	(0000–	) Fitting, Hyd, E45, Jm08/Om10	2
10	67811	(0000–	) Fitting, Hyd, Str, Jm20/Om16	1
11	47512	(0000–	) Fitting, Hyd, E90, Jm06/Om08	1

Fig. 61 – Hydraulic Cooler and Tubes Group

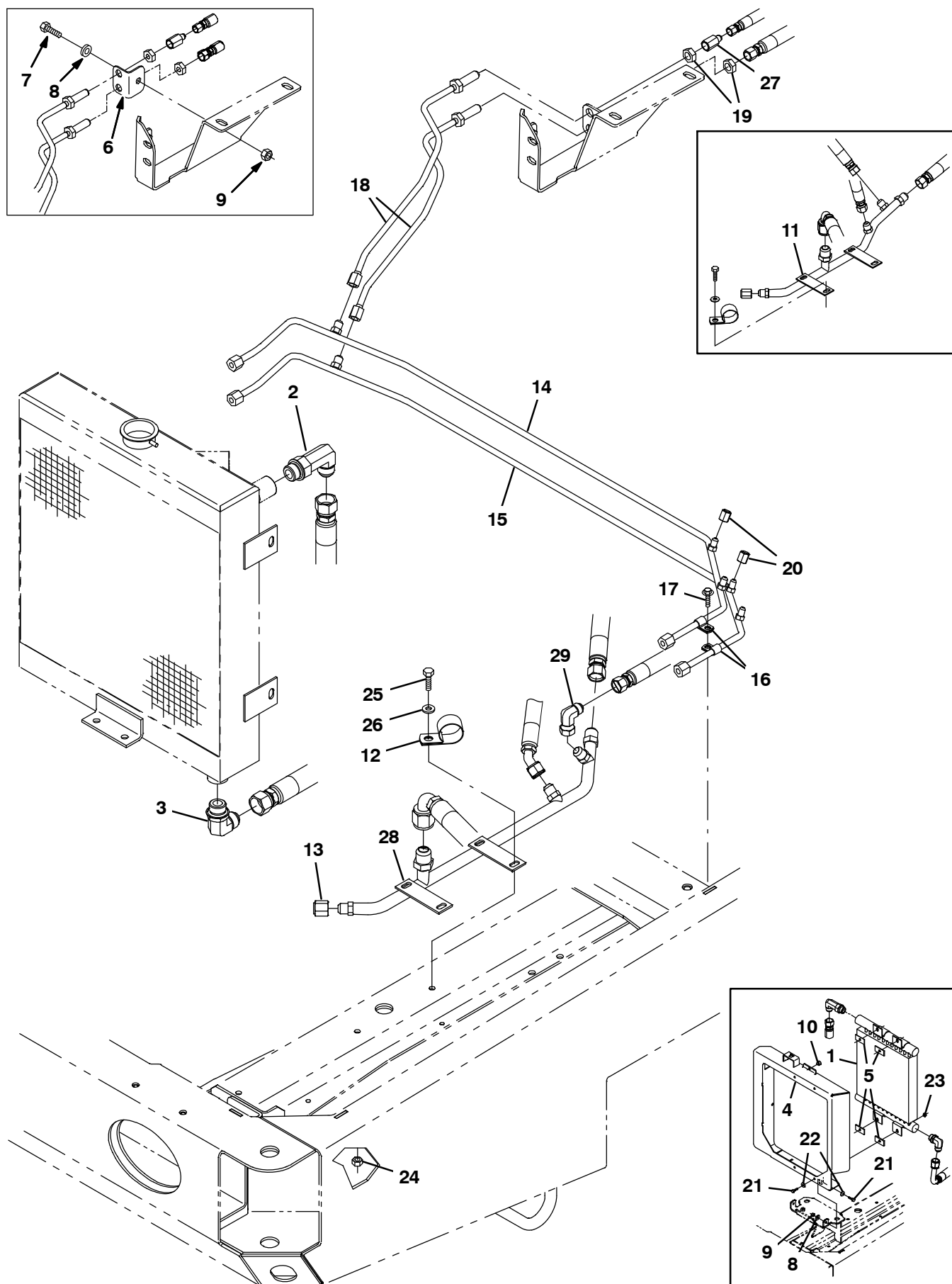


Fig. 61 – Hydraulic Cooler and Tubes Group

Ref.	Part No.	Serial Number	Description	Qty.
1	13698	(0000-0195	) Cooler, Hyd, 25gpm 325btu Of12 13x12x2	1
2	46481	(0000-	) Fitting, Hyd, E90, Jm12/Om12	1
3	62471	(0000-	) Fitting, Hyd, E90, Jm12/Om12, L	1
4	1026319	(0000-0195	) Bracket Wldt, Cooler, Hyd Fluid	1
5	1040318	(0000-0195	) Pad, Tank, Hyd [W/Psa]	4
6	1026647	(0000-xxxx	) Angle, Mtg, Stl, .12 1.6 1.6 02.2l	1
7	39283	(0000-xxxx	) Screw, Hex, M10 X 1.5 X 25, 8.8	1
8	32492	(0000-xxxx	) Washer, Flat, 0.38 Std	1
9	41430	(0000-xxxx	) Nut, Hex, Lock, M10 X 1.5, NI	1
10	51787	(0000-0195	) Bumper, Rbr, 0.6d 0.34t .3d Tip	1
11	1036959	(0000-0499	) Tube, Hyd, Main Return	1
12	53466	(0000-	) Clamp, Cable, Stl, 1.50d X 1.00w, 1h	1
13	60090	(0000-	) Fitting, Hyd, Cap, Jf08	1
14	1028821	(0000-	) Tube, Hyd, Sqge	1
15	1028822	(0000-	) Tube, Hyd, Sqge	1
16	40678	(0000-	) Clamp, Cable, Stl, 0.44d X 0.62w, 1h	2
17	74455	(0000-	) Screw, Hex, M6 X 1.0 X 12, Fmg	1
18	1028823	(0000-	) Tube, Hyd, Rear Sqge [M20]	2
19	35904	(0000-	) Nut, Ftg, Hyd, 0.56-18	2
20	50161	(0000-	) Fitting, Hyd, Cap, Jf04	2
21	39277	(0000-0195	) Screw, Hex, M8 X 1.25 X 25, 8.8	8
22	32491	(0000-0195	) Washer, Flat, 0.31, Std	8
23	07791	(0000-0195	) Nut, Hex, Fng, M8 X 1.25	8
24	41430	(0000-	) Nut, Hex, Lock, M10 X 1.5, NI	2
25	39277	(0000-	) Screw, Hex, M8 X 1.25 X 25, 8.8	2
26	32491	(0000-	) Washer, Flat, 0.31, Std	2
27	47752	(0000-	) Fitting, Hyd, Str, Jf06/Jm04	1
28	1071173	(0500-	) Tube, Hyd, Main Return [G/Lp Mit2013]	1
29	17980	(0500-	) Fitting, Hyd, E90, Jf08/Jm08	1

Fig. 62 – Hydraulic Reservoir Group

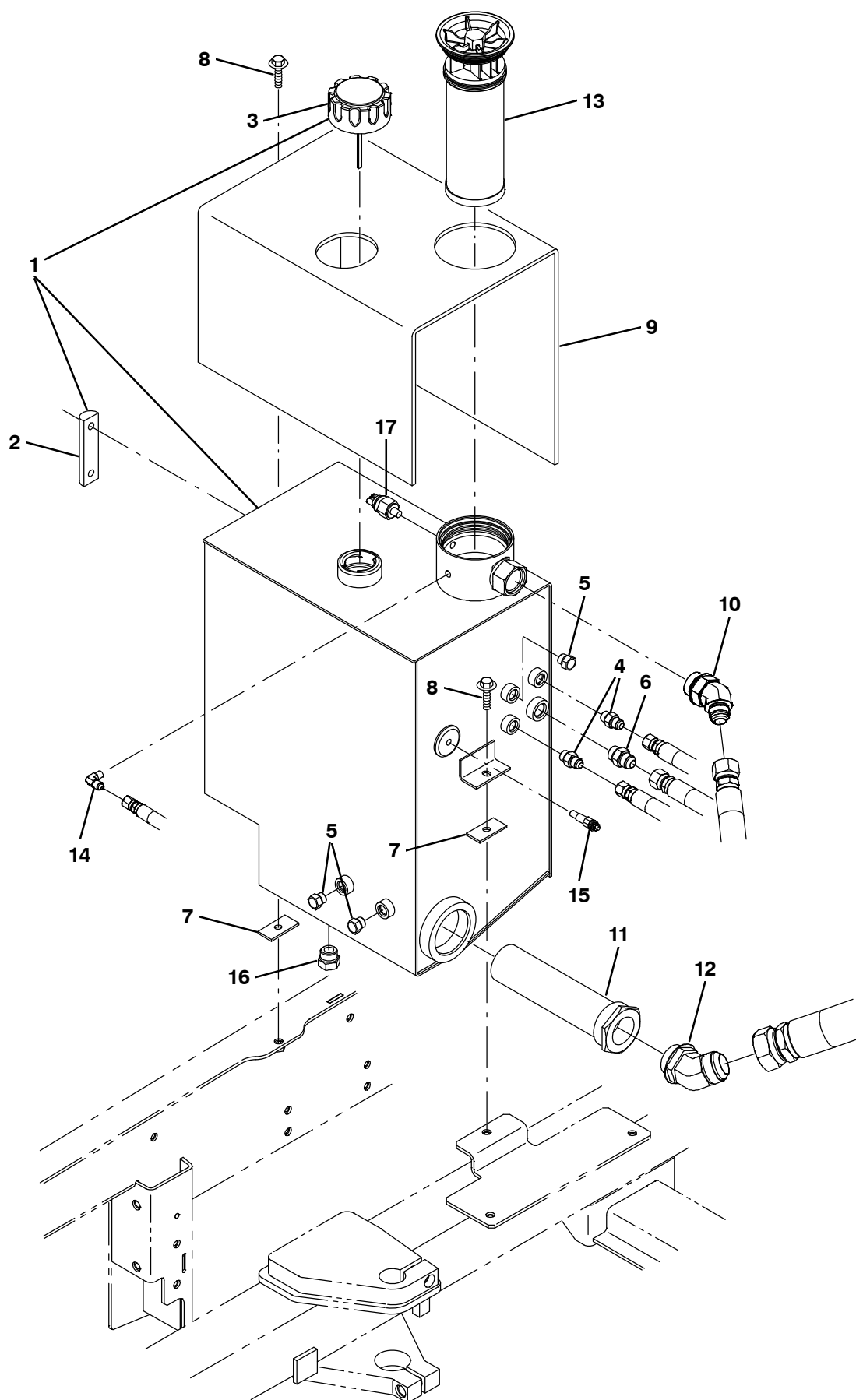


Fig. 62 – Hydraulic Reservoir Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	9002398	(0000–	) Reservoir, Hyd, 10.0Gal, Replmt	1
▲	2	65215	(0000–	) Gauge, Sensing, Level	1
▲	3	1018289	(0000–	) Cap, Breather, Hyd	1
	4	56690	(0000–	) Fitting, Hyd, Str, Jm06/Om06	2
	5	46482	(0000–	) Fitting, Hyd, Plug, Om06	3
	6	44869	(0000–	) Fitting, Hyd, Str, Jm08/Om08	1
	7	1040318	(0000–	) Pad, Tank, Hyd [W/Psa]	2
	8	1037354	(0000–	) Screw, Hex, M8 X 1.25 X 30, 9.8, Sems	2
	9	1034878	(0000–	) Insulation, Thermal, Hydraulic Blanket	1
	10	1023545	(0000–	) Fitting, Hyd, E45, Jm12/Om16	1
	11	31613	(0000–	) Strainer, Hyd, 25gpm 100mesh Psi	1
	12	71726	(0000–	) Fitting, Hyd, E45, Jm20/Om20	1
	13	1021579	(0000–	) Filter Assy, Hyd, 10mic	1
	14	55455	(0000–	) Fitting, Hyd, E90, Jm04/Pm02	1
	15	58592	(0000–	) Send-Unit, Water, Temp, 04npt 113oh/195d	1
	16	40362	(0000–	) Fitting, Hyd, Plug, Om10	1
	17	1025133	(0000–	) Switch, Press, hyd, 18–24psi, Spst, No	1

Fig. 63 – Hydraulic Valves Group (0000-0131)

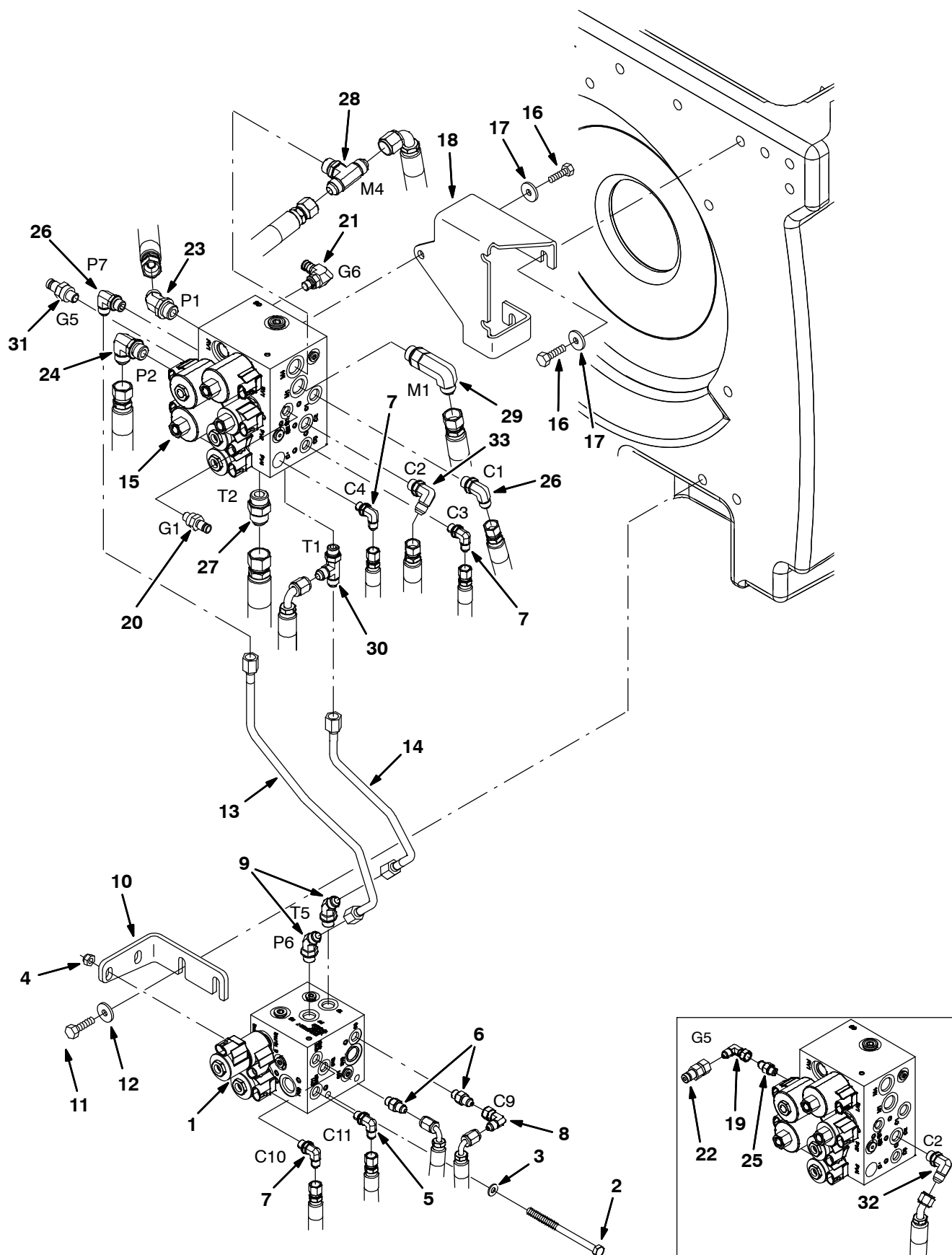


Fig. 63 – Hydraulic Valves Group (0000–0131)

Ref.	Part No.	Serial Number	Description	Qty.
1	1018936	(0000–0131	) Valve, Cntrl, Hyd [M20] (See Breakdowns)	1
2	49883	(0000–0131	) Screw, Hex, M8 X 1.25 X 120, 8.8, FI	2
3	32491	(0000–0131	) Washer, Flat, 0.31, Std	2
4	08709	(0000–0131	) Nut, Hex, Lock, M8 X 1.25, NI	2
5	77097	(0000–0131	) Fitting, Hyd, E90, Jm04/Om04	2
6	55586	(0000–0131	) Fitting, Hyd, Str, Jm04/Om04	2
7	77097	(0000–0131	) Fitting, Hyd, E90, Jm04/Om04	2
8	39210	(0000–0131	) Fitting, Hyd, E90, Jf04/Jm04	1
9	47522	(0000–0131	) Fitting, Hyd, E45, Jm06/Om06	2
10	1020708	(0000–0131	) Bracket, Mtg, Valve, Hyd, Swp	1
11	09740	(0000–0131	) Screw, Hex, M8 X 1.25 X 20, Ss	2
12	1017218	(0000–0131	) Washer, Flat, 0.32b 1.00d .12, Ss	2
13	1022482	(0000–0131	) Tube, Hyd, Swp	1
14	1022484	(0000–0131	) Tube, Hyd, Swp	1
15	1020394	(0000–0131	) Valve, Cntrl, Hyd (See Breakdowns)	1
16	09740	(0000–0131	) Screw, Hex, M8 X 1.25 X 20, Ss	6
17	1017218	(0000–0131	) Washer, Flat, 0.32b 1.00d .12, Ss	6
18	1021991	(0000–0131	) Bracket, Mtg, Valve, Hyd, Scb	1
19	39210	(0000–0003	) Fitting, Hyd, E90, Jf04/Jm04	1
20	395973	(0000–0131	) Fitting, Hyd, Str, Om04/Qm04	1
21	395974	(0000–0131	) Fitting, Hyd, E90, Om04/Qm04	1
22	396476	(0000–0003	) Fitting, Hyd, Str, Jf04/Qm04	1
23	42226	(0000–0131	) Fitting, Hyd, E45, Jm08/Om08	1
24	44868	(0000–0131	) Fitting, Hyd, E90, Jm08/Om08	1
25	55586	(0000–0003	) Fitting, Hyd, Str, Jm04/Om04	1
26	56820	(0000–0131	) Fitting, Hyd, E90, Jm06/Om06	2
27	46480	(0000–0131	) Fitting, Hyd, Str, Jm10/Om10	1
28	49933	(0000–0131	) Fitting, Hyd, Tee, Jm08/Jm08/Om08, Br	1
29	69173	(0000–0131	) Fitting, Hyd, E90, Jm08/Om08, L	1
30	76316	(0000–0131	) Fitting, Hyd, Tee, Jm06/Jm06/Om06, Run	1
31	395973	(0004–0131	) Fitting, Hyd, Str, Om04/Qm04	1
32	56820	(0000–0039	) Fitting, Hyd, E90, Jm06/Om06	1
33	71727	(0040–0131	) Fitting, Hyd, E90, Jm06/Om06, L	1

Fig. 64 – Hydraulic Valve Group (0132–)

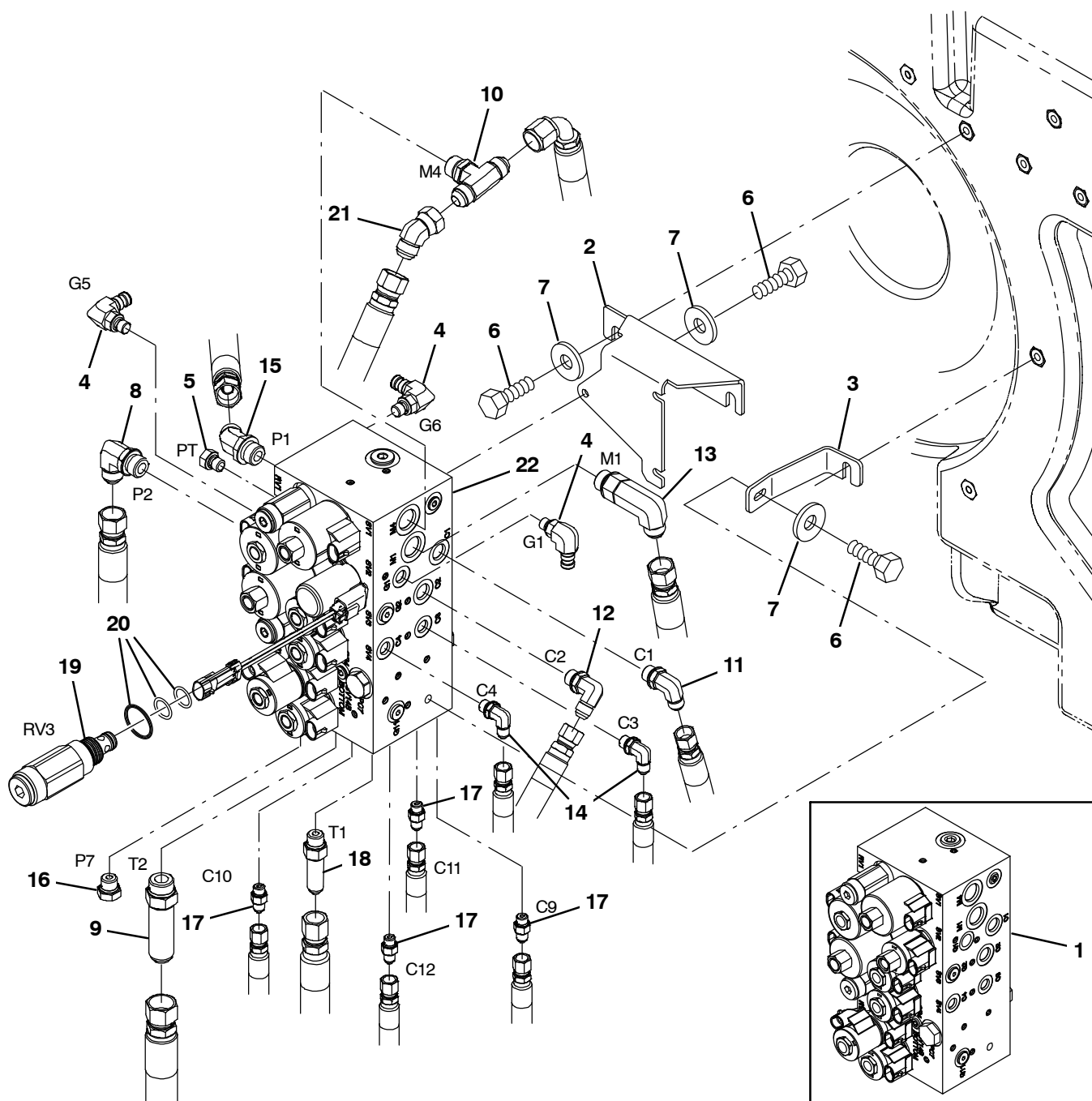
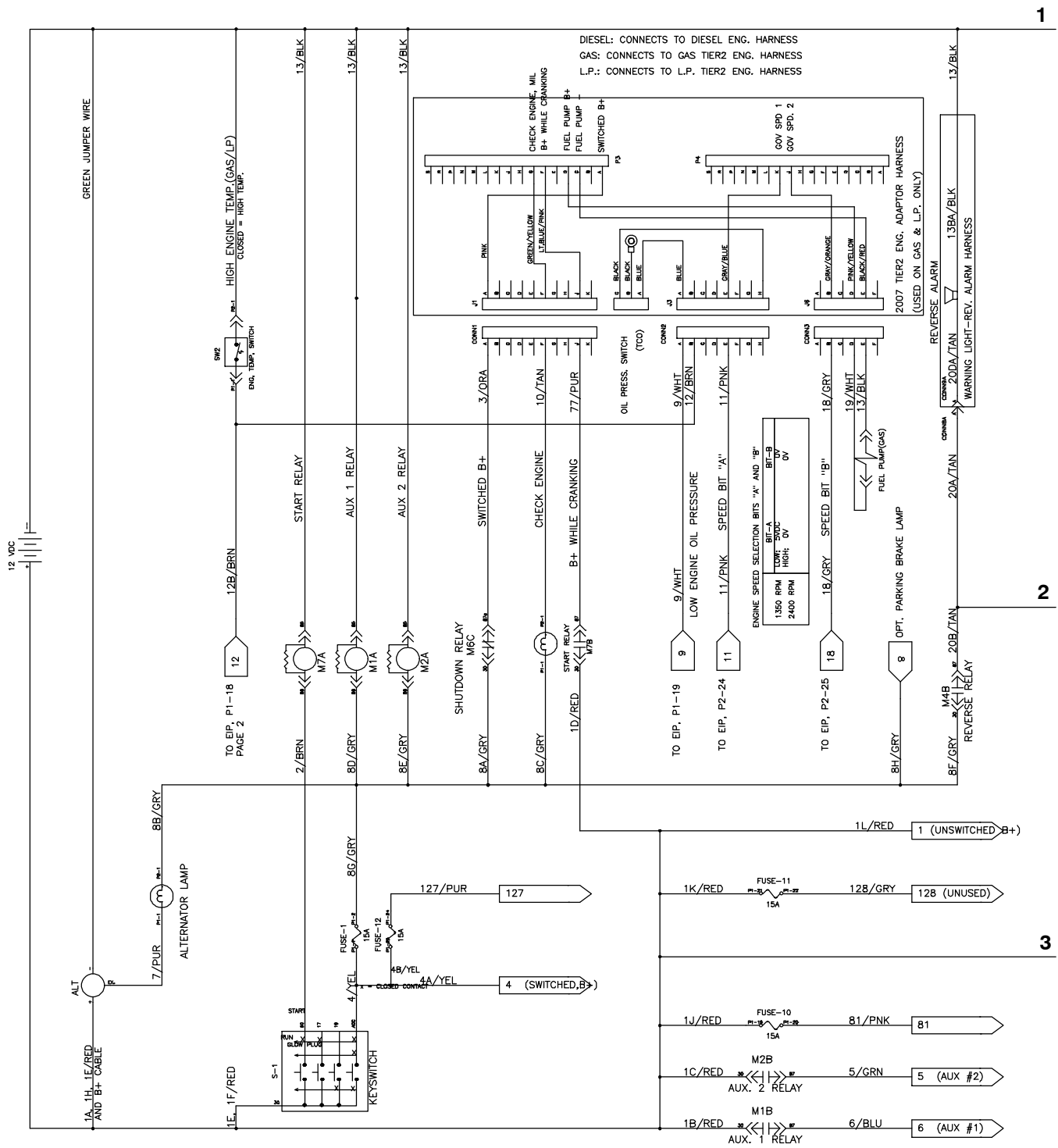


Fig. 64 – Hydraulic Valve Group (0132–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1038566	(0132–0546	) Valve, Hyd, Solenoid, 12vdc (See Breakdowns)	1
2	1039789	(0132–	) Bracket, Mtg, Valve [Combined]	1
3	1040117	(0132–	) Bracket, Mtg, Valve, Lower	1
4	395974	(0132–	) Fitting, Hyd, E90, Om04/Qm04	3
5	33812	(0132–	) Fitting, Hyd, Plug, Om04	1
6	09740	(0132–	) Screw, Hex, M8 X 1.25 X 20, Ss	8
7	1017218	(0132–	) Washer, Flat, 0.32b 1.00d .12, Ss	8
8	69173	(0132–	) Fitting, Hyd, E90, Jm08/Om08, Long	1
9	1040876	(0132–	) Fitting, Hyd, Str, Jm10/Om10, Long	1
10	49933	(0132–	) Fitting, Hyd, Tee, Jm08/Jm08/Om08, Br	1
11	56820	(0132–	) Fitting, Hyd, E90, Jm06/Om06	1
12	71727	(0132–	) Fitting, Hyd, E90, Jm06/Om06, Long	1
13	69173	(0132–	) Fitting, Hyd, E90, Jm08/Om08, Long	1
14	77097	(0132–	) Fitting, Hyd, E90, Jm04/Om04	2
15	42226	(0132–	) Fitting, Hyd, E45, Jm08/Om08	1
16	46482	(0132–	) Fitting, Hyd, Plug, Om06	1
17	55586	(0132–	) Fitting, Hyd, Str, Jm04/Om04	4
18	59577	(0132–	) Fitting, Hyd, Str, Jm06/Om06, Long	1
19	1044367	(0132–	) Valve, Relief, 0600Psi	1
20	373647	(0132–	) Seal Kit, Cartridge	1
21	07797	(0500–	) Fitting, Hyd, E45, Jf08/Jm08	1
22	1072995	(0547–	) Valve, Cntrl, Hyd, Solenoid, 12vdc 10gpm (See Break-downs)	1

Fig. 65 – Electrical Schematic



1018547 – 354458

M20 Diesel 331416 (12-2014)

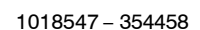
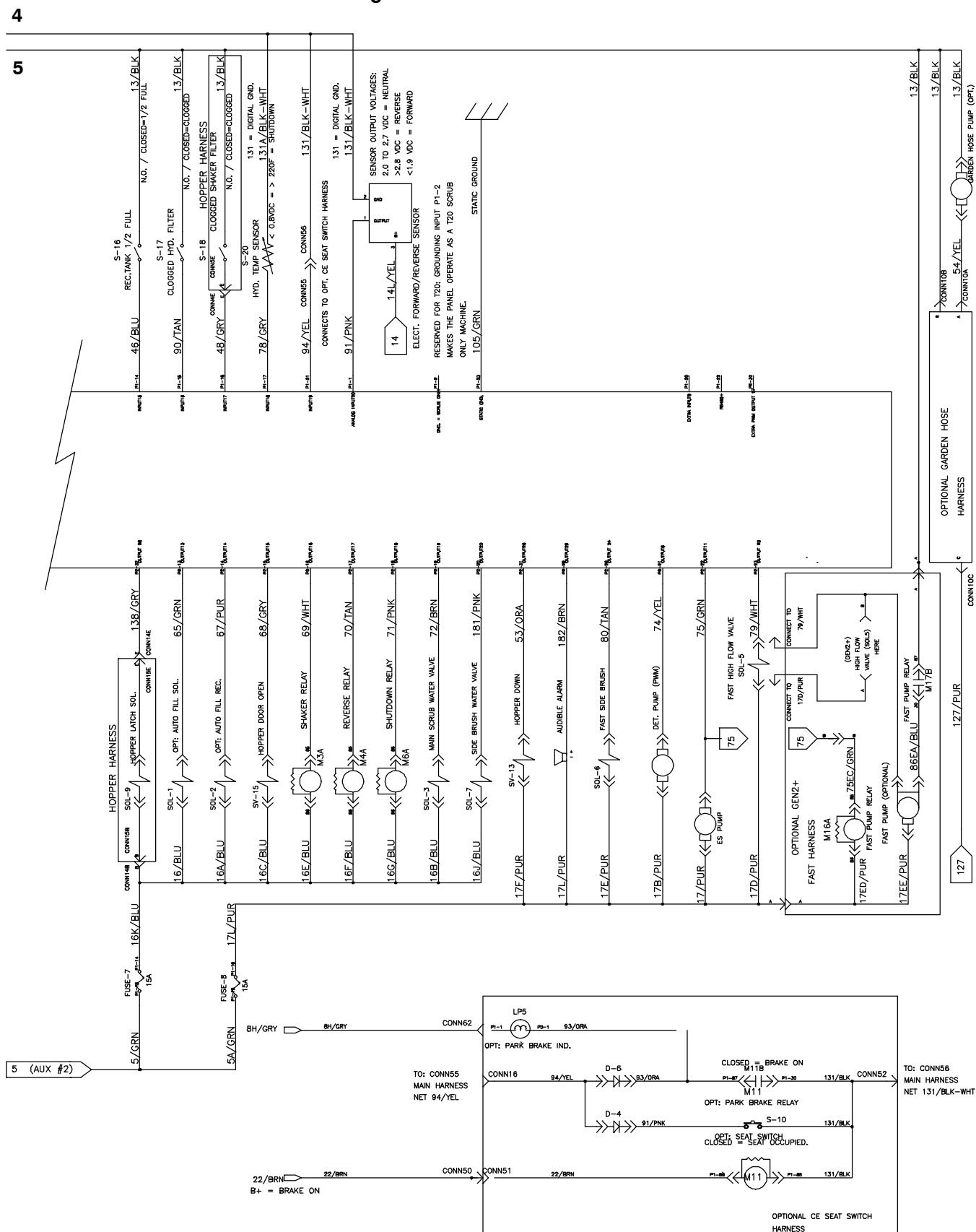
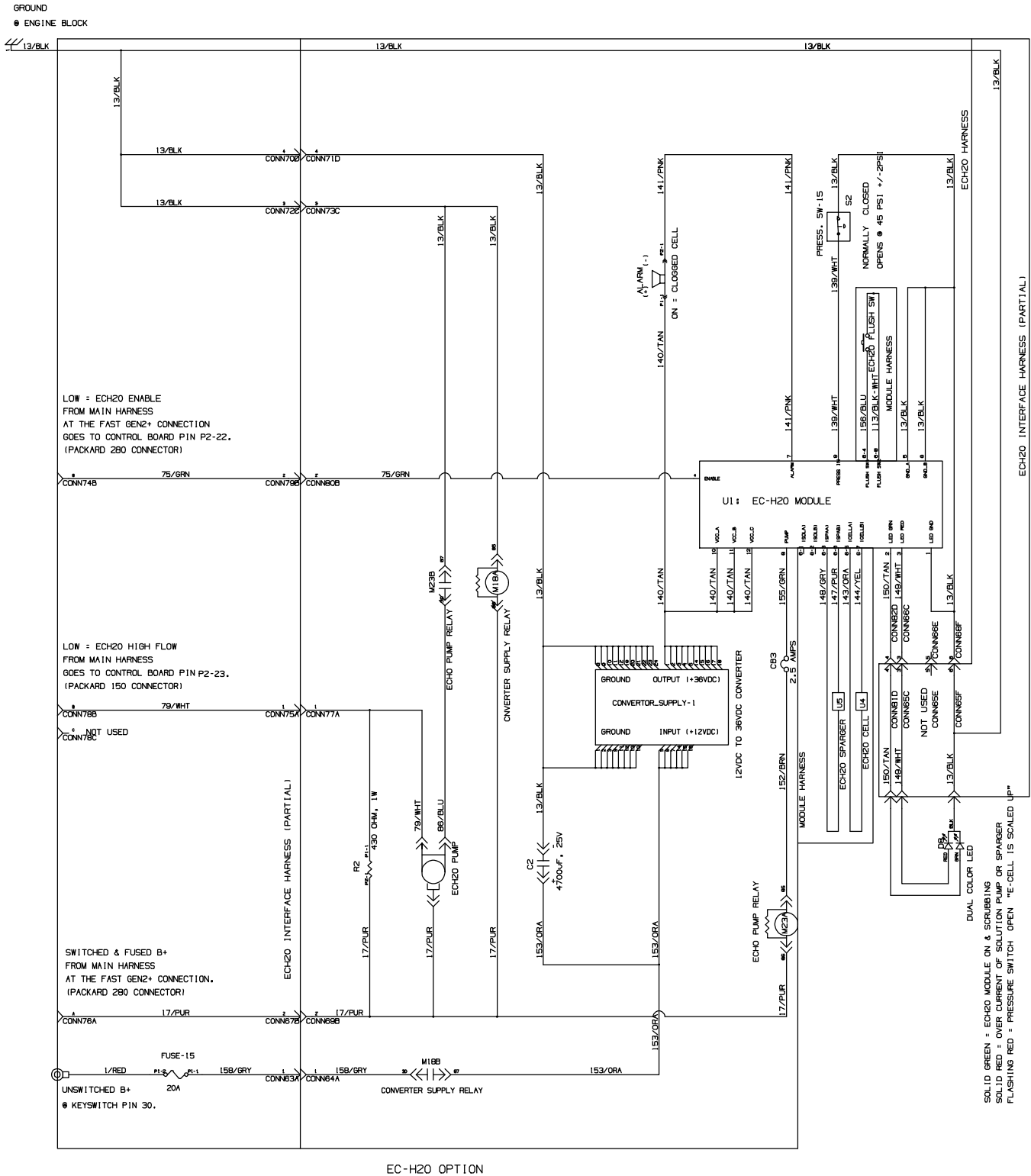


Fig. 65 – Electrical Schematic



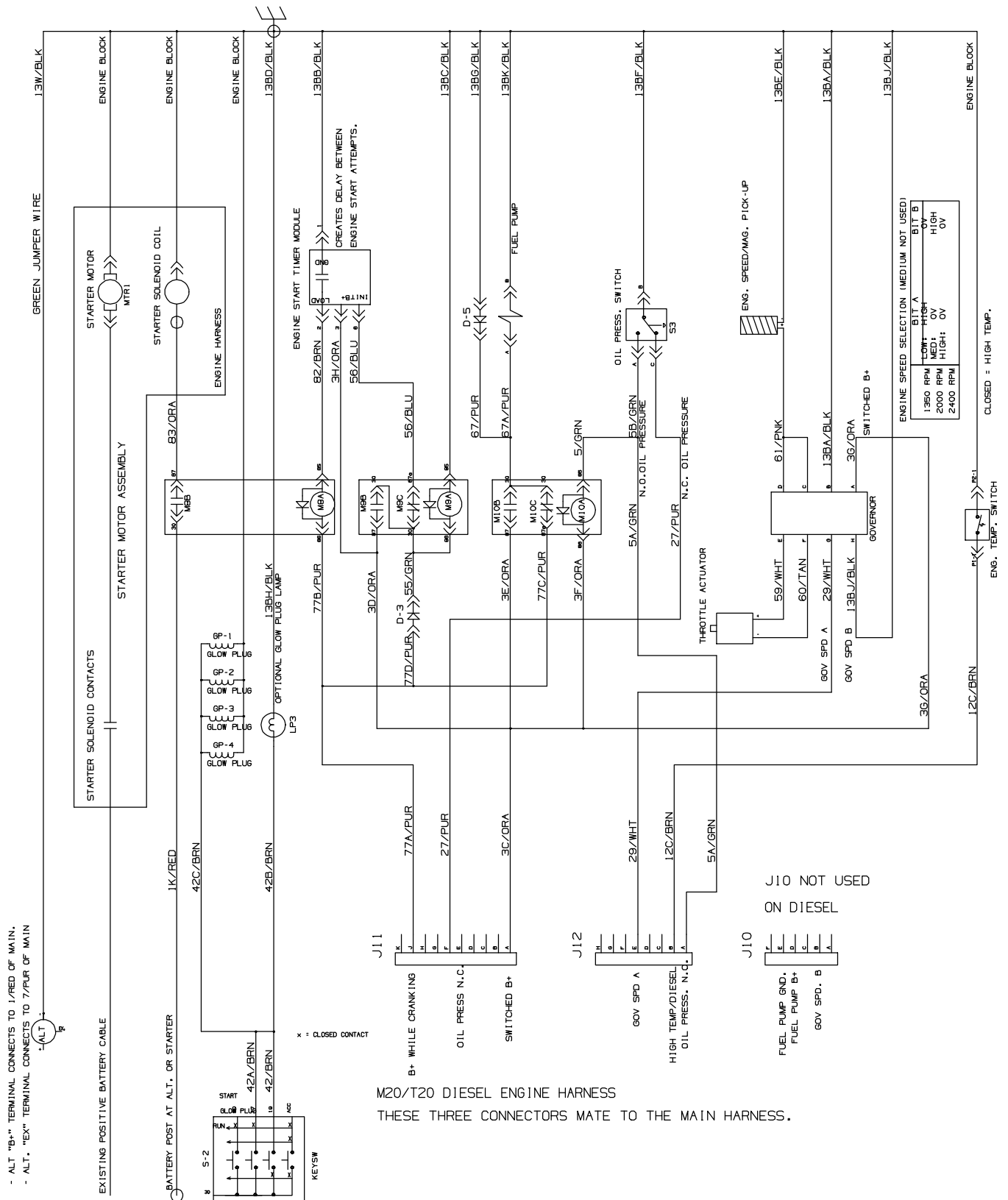
1018547 – 354458

Fig. 65 – Electrical Schematic



1018547 – 354458

Fig. 66 – Electrical Schematic, Diesel Engine Harness



M20 Diesel 331416 (12-2014)

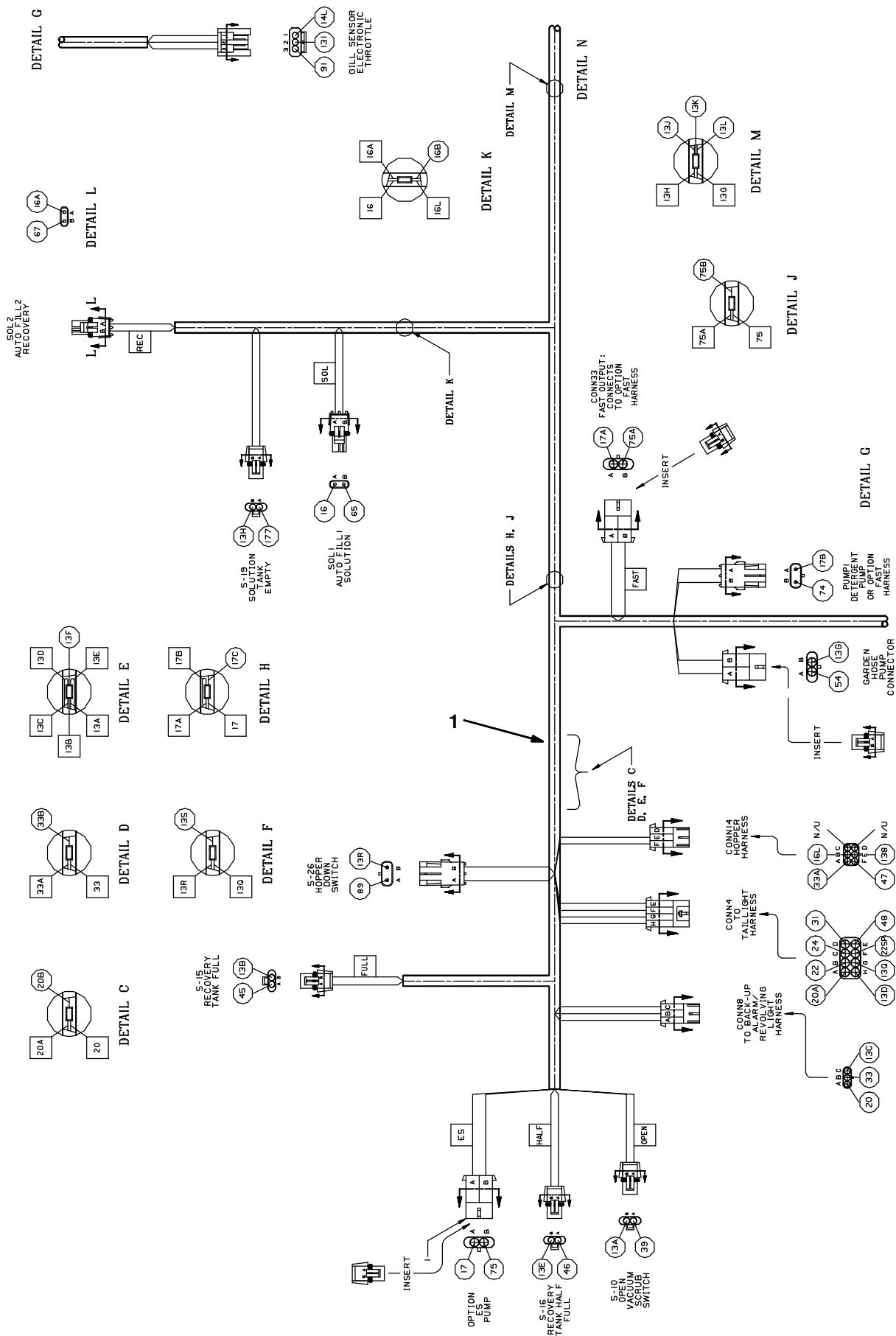


Fig. 67 – Electrical Wire Harness Group, Main

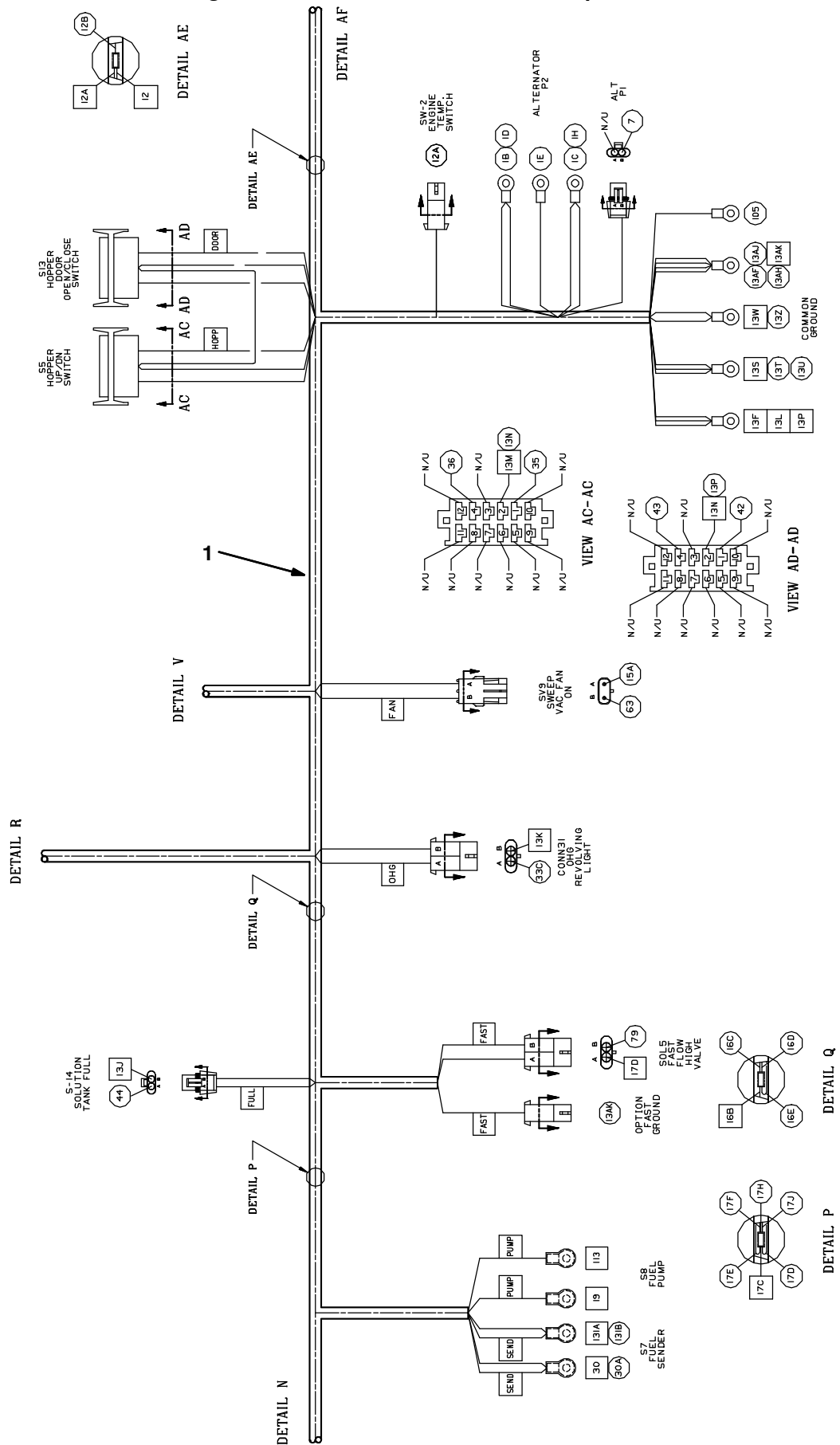


Fig. 67 – Electrical Wire Harness Group, Main

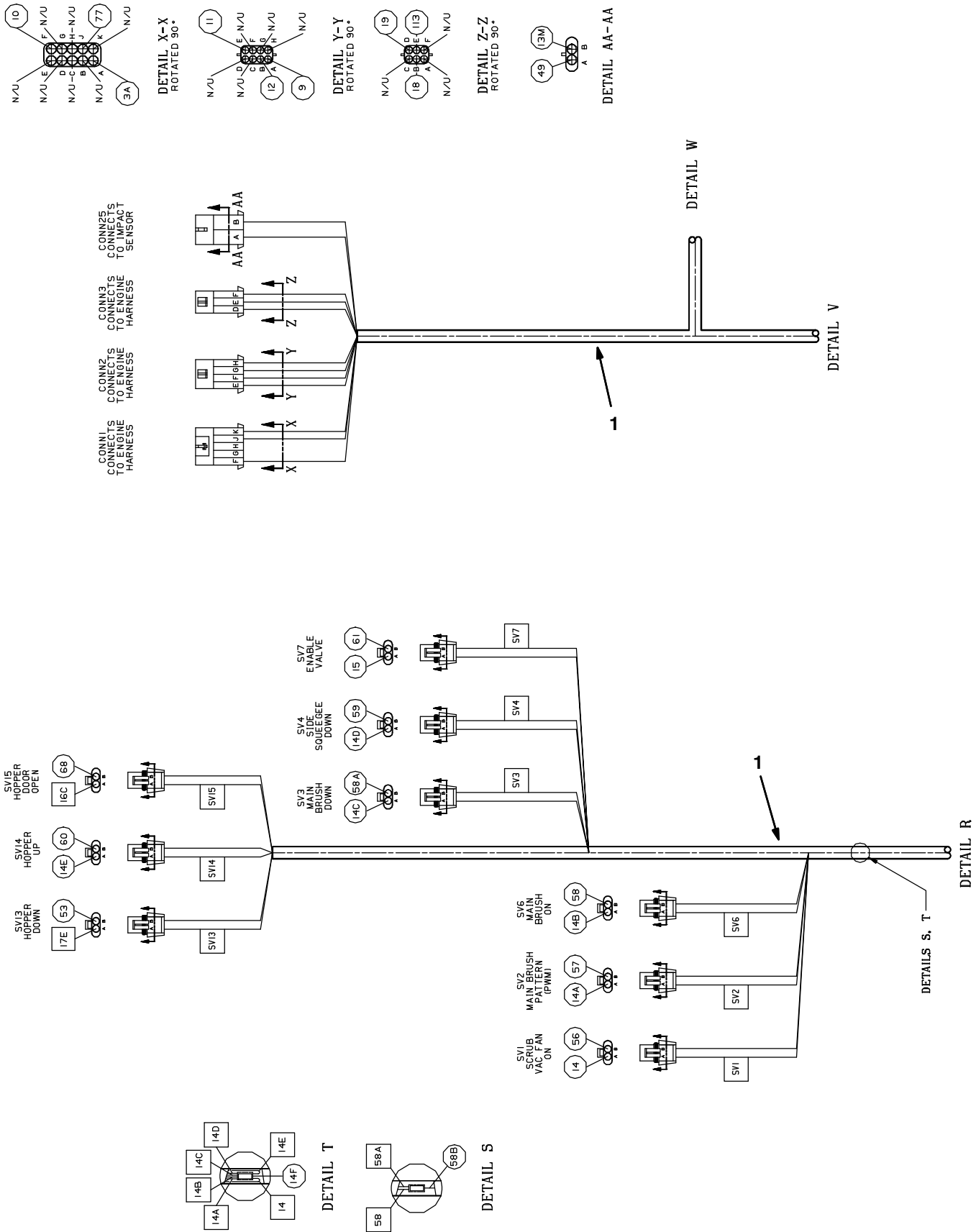


Fig. 67 – Electrical Wire Harness Group, Main

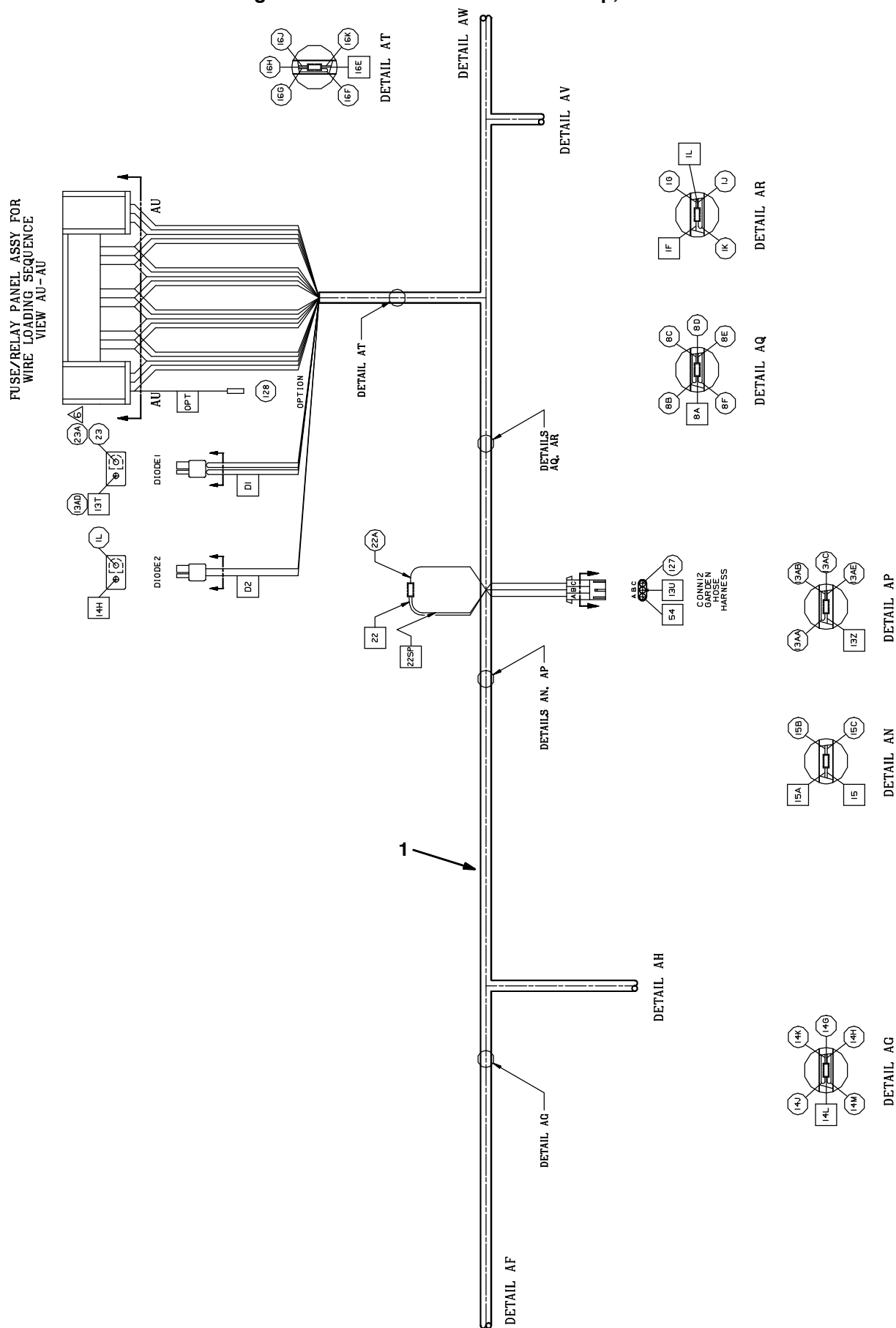


Fig. 67 - Electrical Wire Harness Group, Main

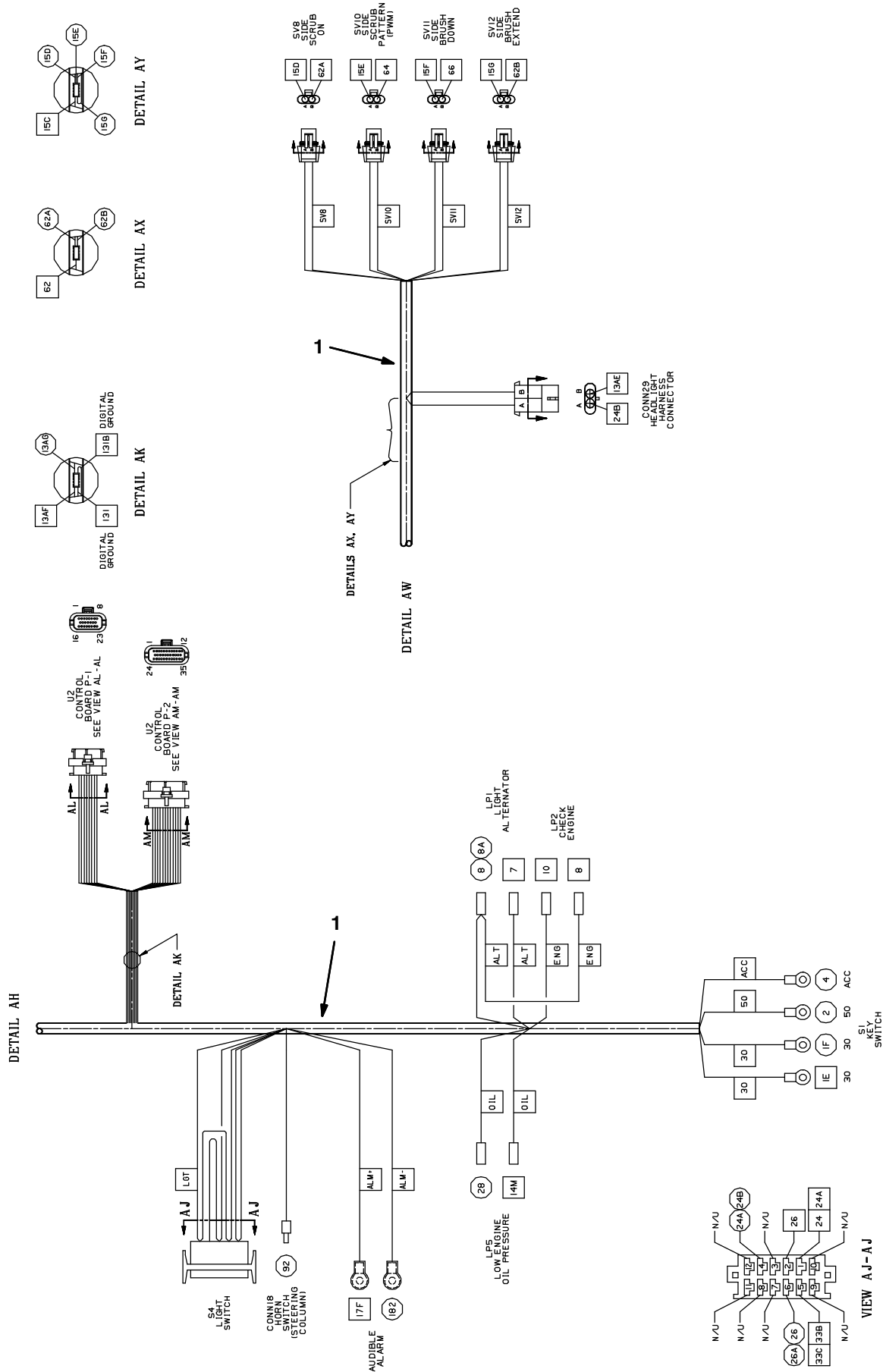


Fig. 67 – Electrical Wire Harness Group, Main

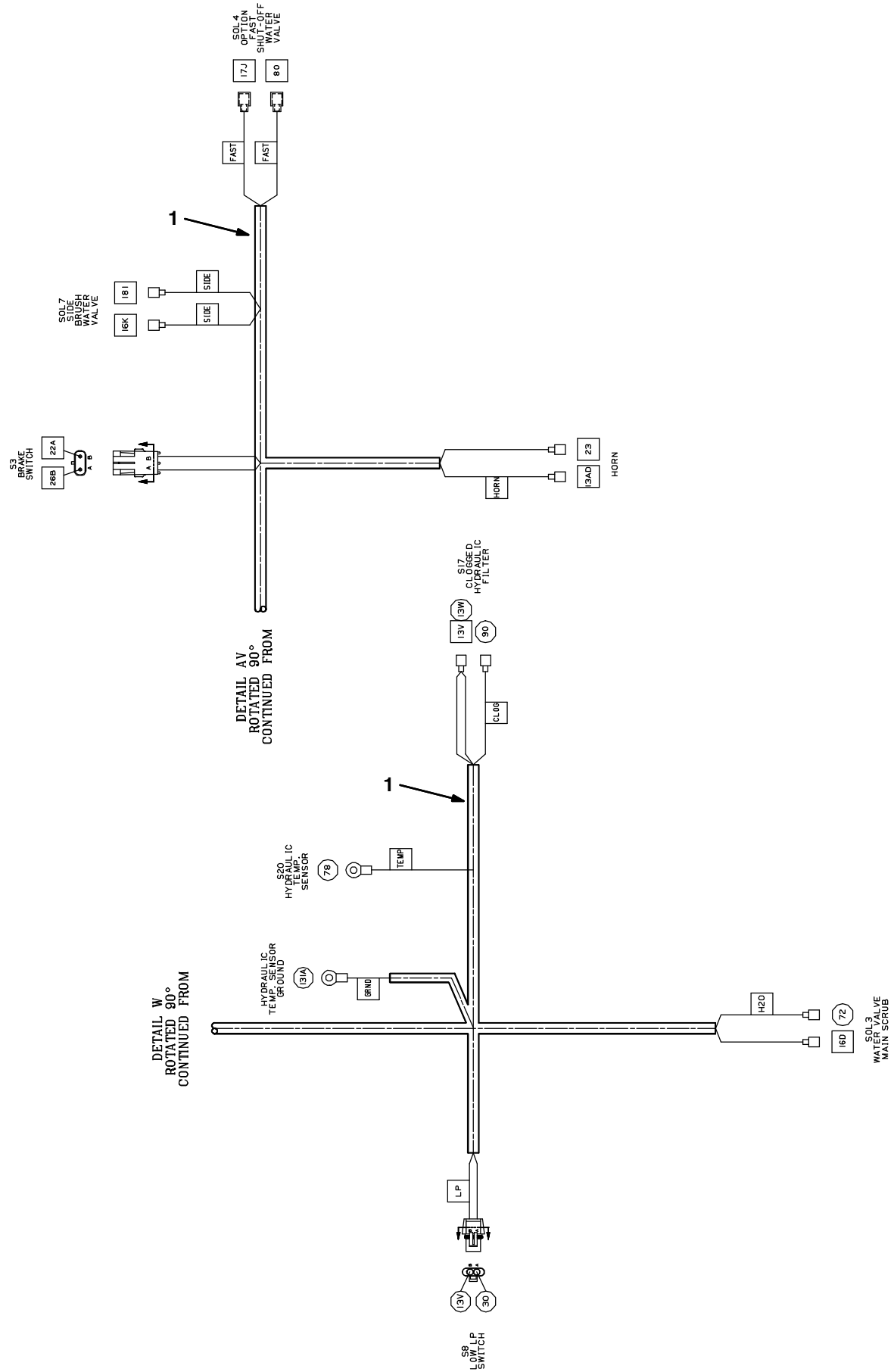




Fig. 67 – Electrical Wire Harness Group, Main

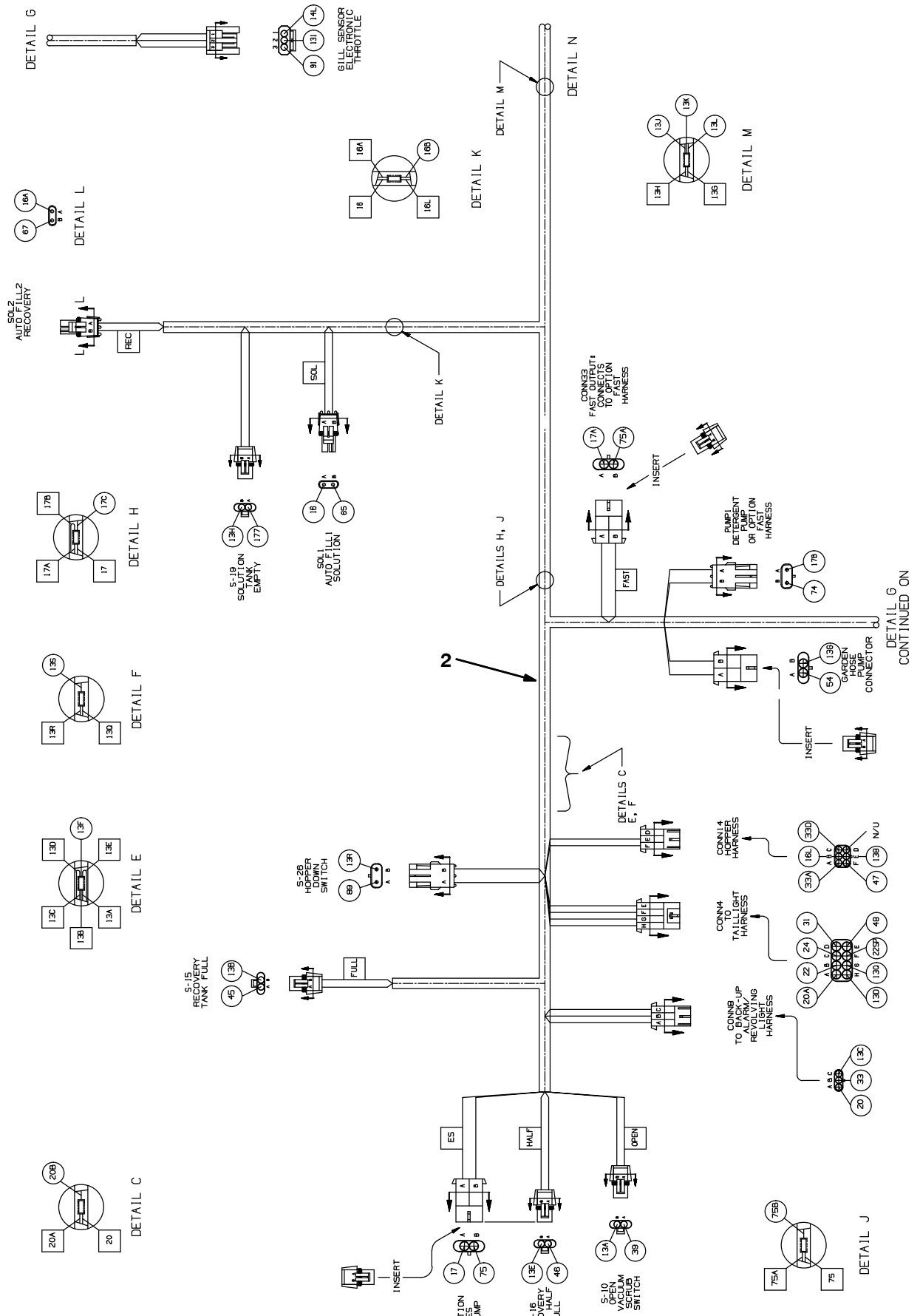


Fig. 67 – Electrical Wire Harness Group, Main

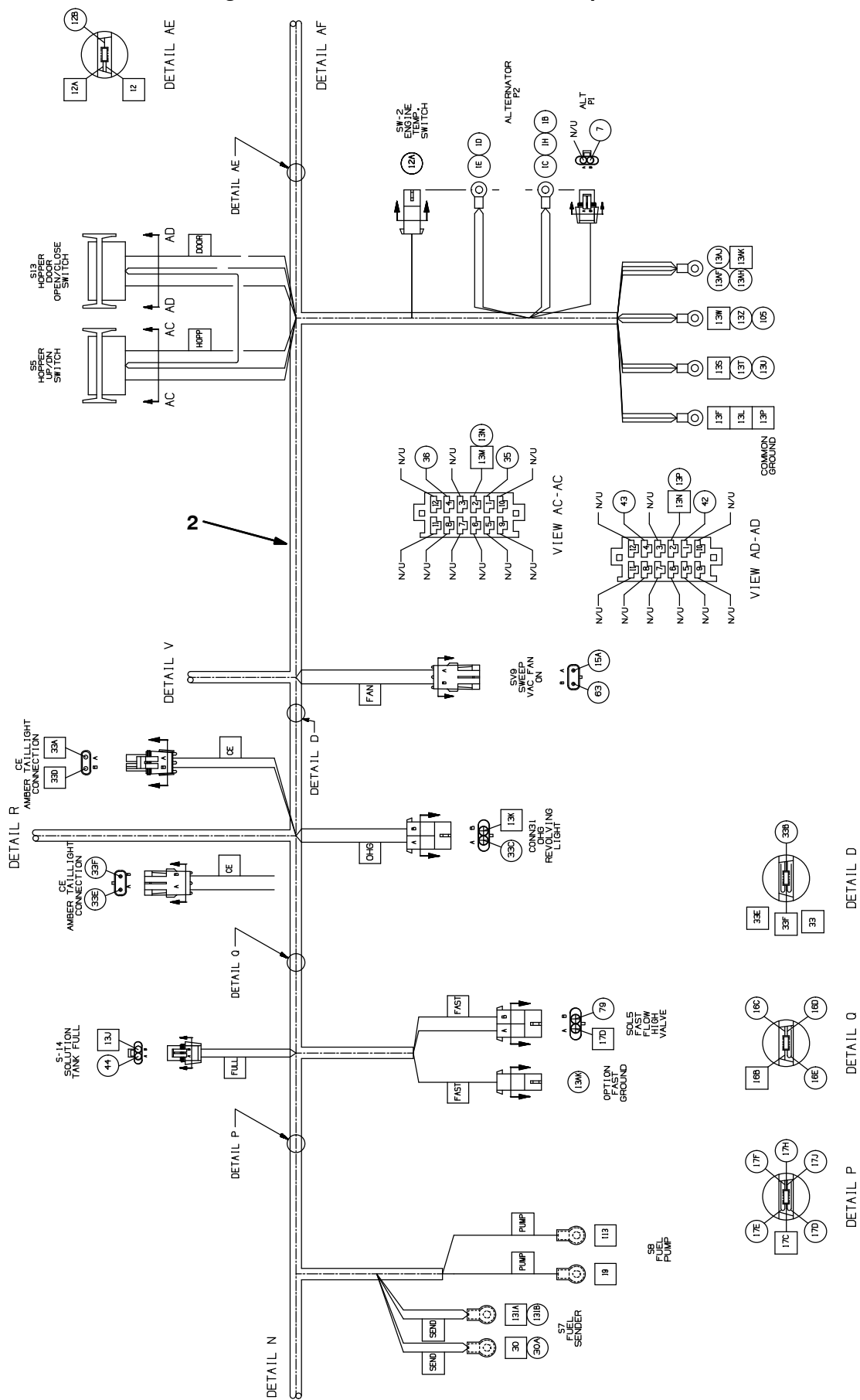


Fig. 67 – Electrical Wire Harness Group, Main

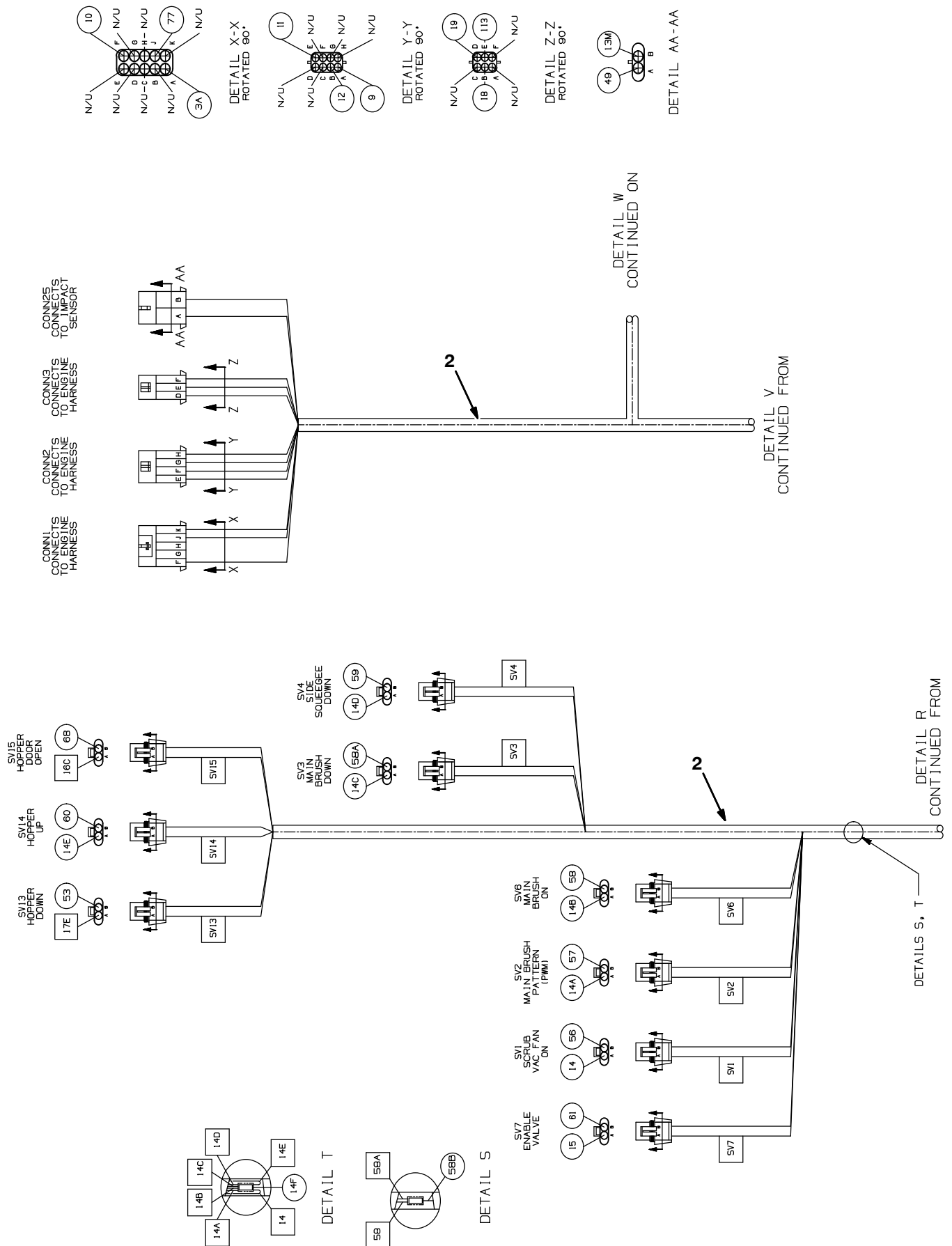


Fig. 67 – Electrical Wire Harness Group, Main

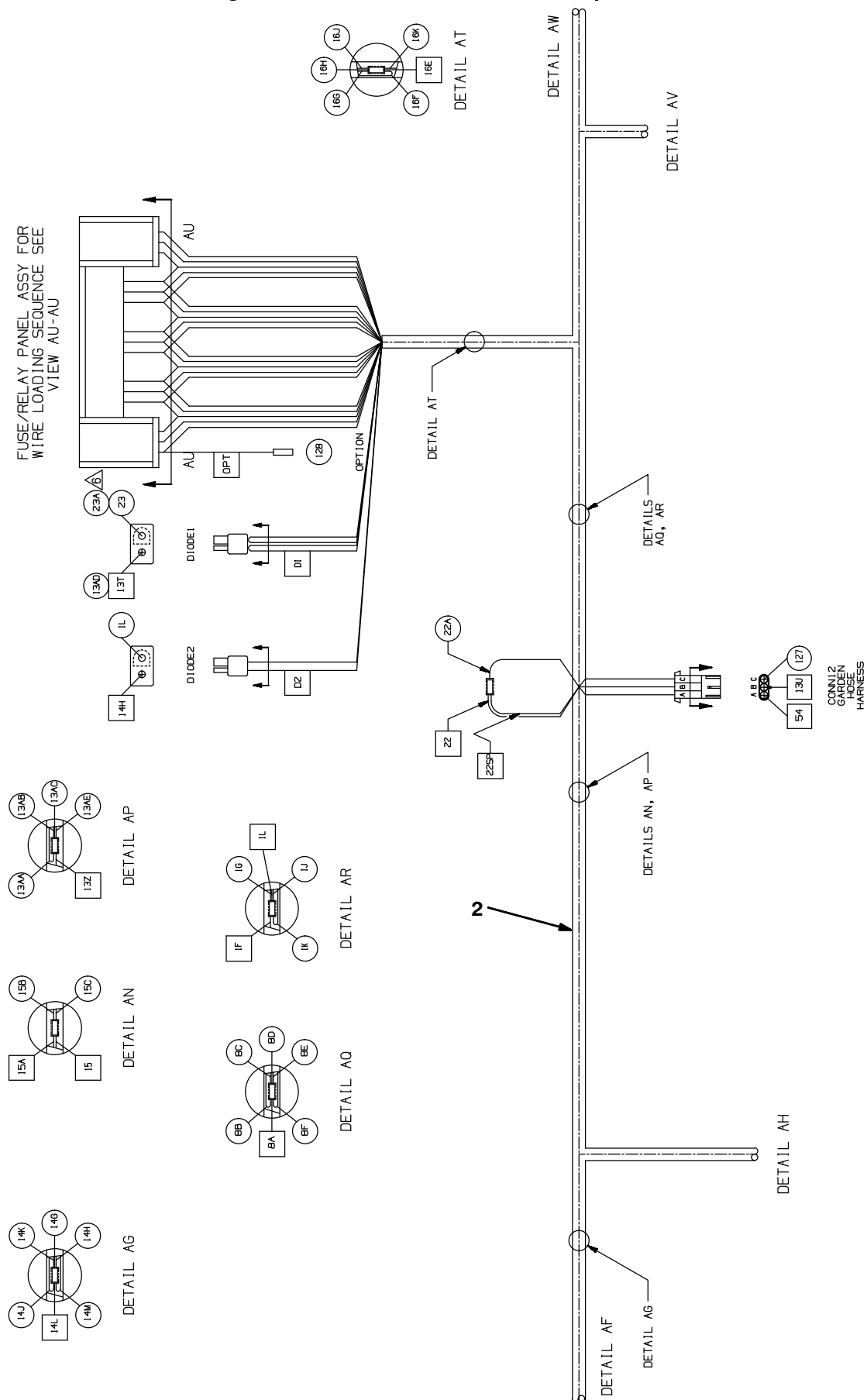


Fig. 67 – Electrical Wire Harness Group, Main

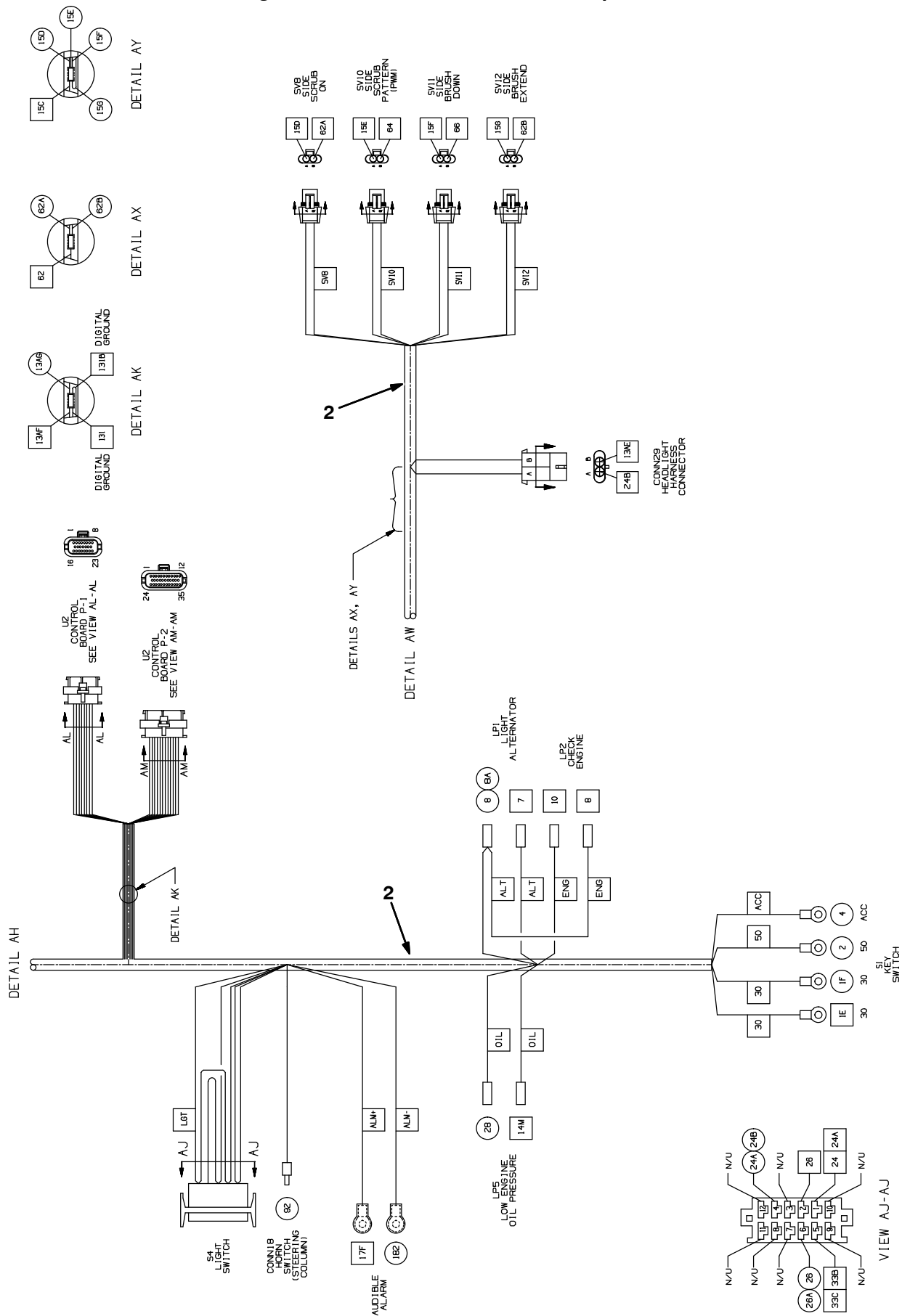


Fig. 67 – Electrical Wire Harness Group, Main

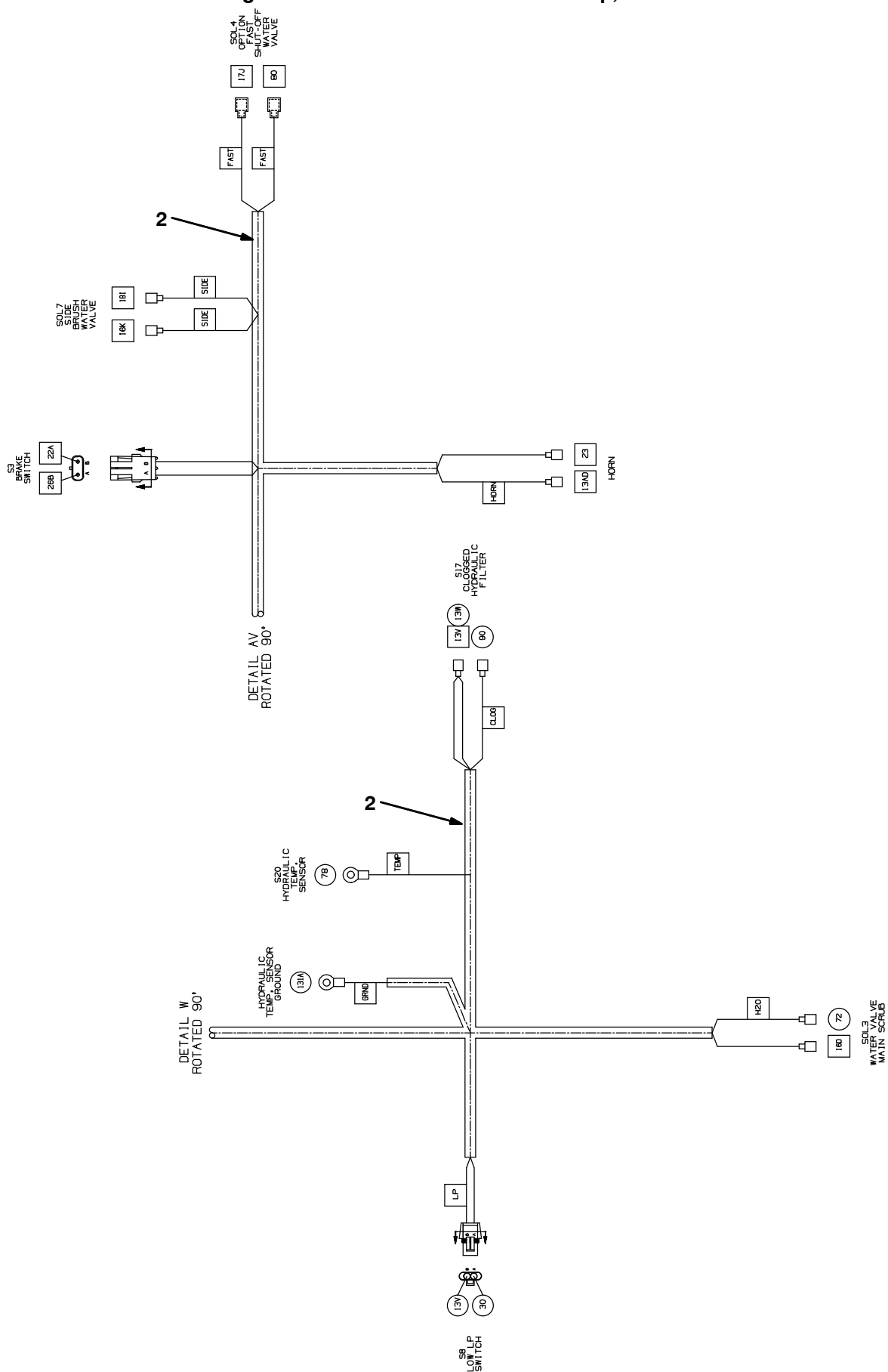
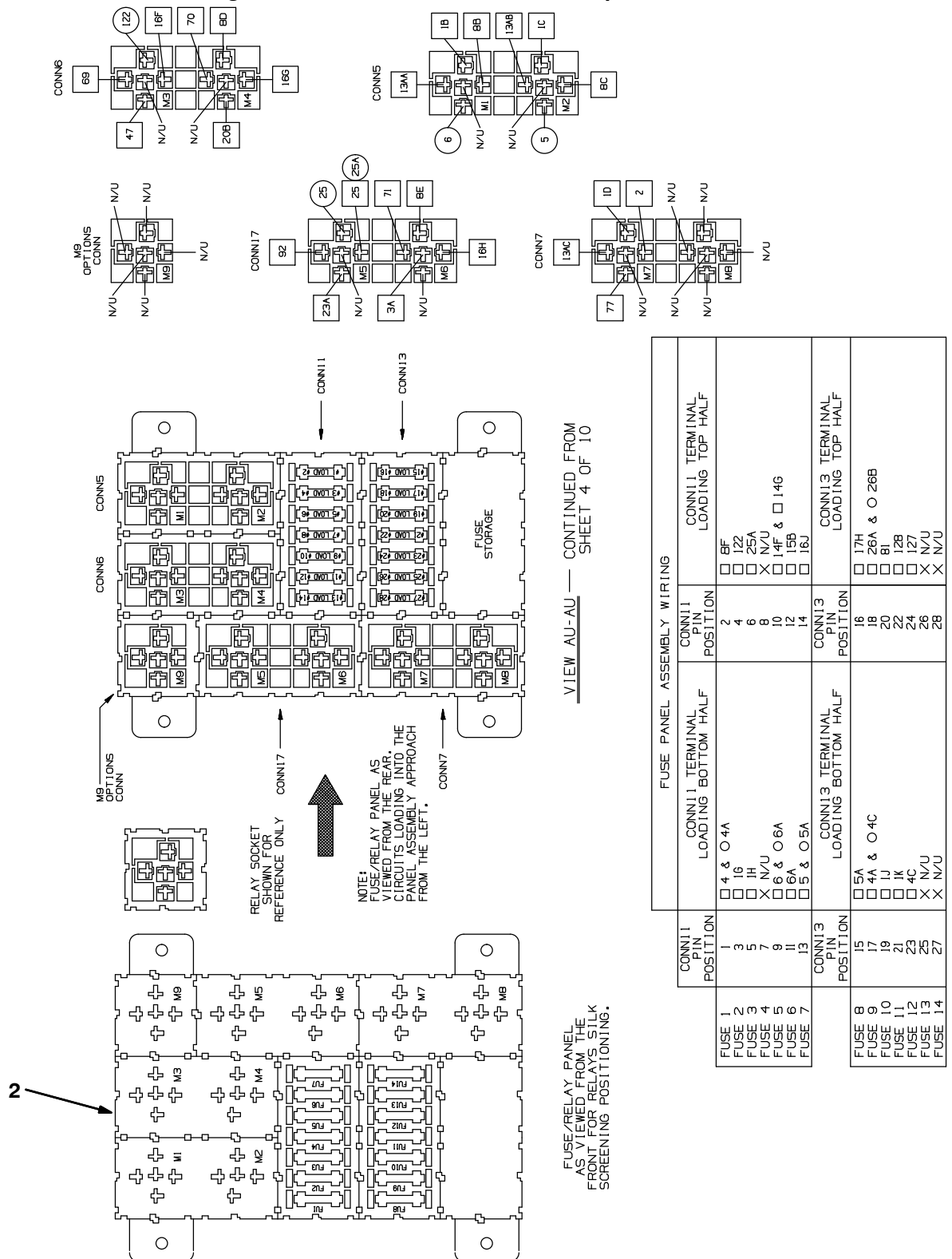
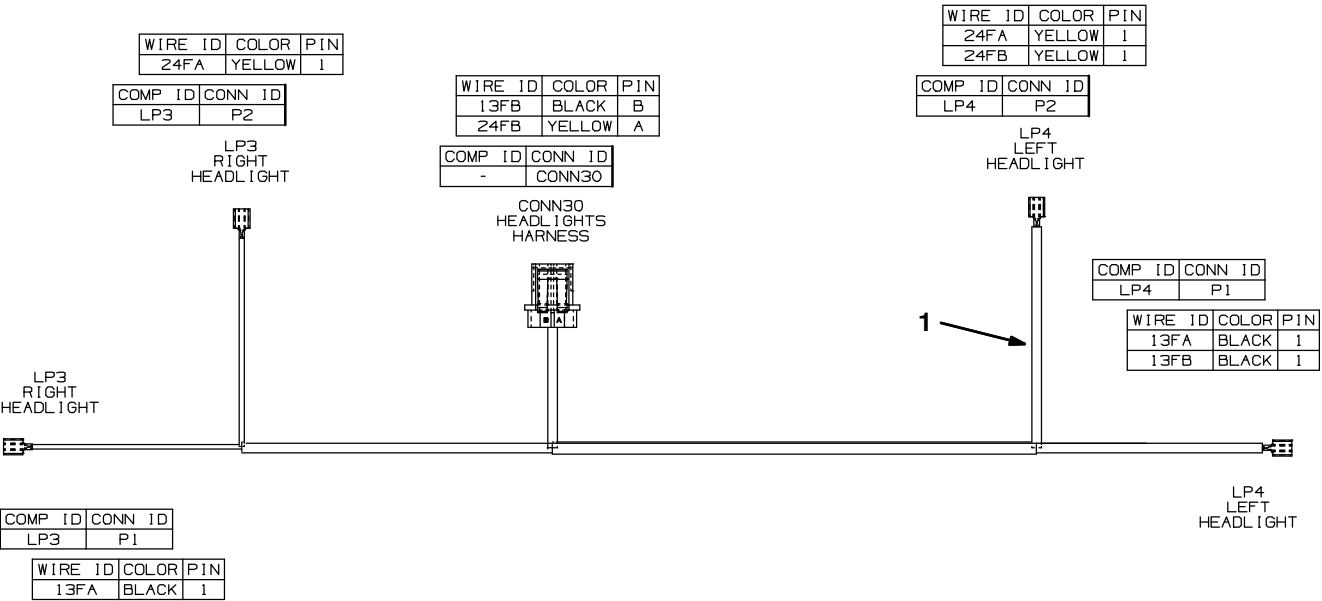


Fig. 67 – Electrical Wire Harness Group, Main



Ref.	Part No.	Serial Number	Description	Qty.
1	1018549	(0000-0067	) Harness, Main [M20]	1
2	1071603	(0068-	) Harness, Main [M20]	1

Fig. 68 – Electrical Wire Harness Group, Headlight



Ref.	Part No.	Serial Number	Description	Qty.
1	1024141	(0000–)	Harness, Headlight [M20 And T20]	1

Fig. 69 – Electrical Wire Harness Group, Hopper

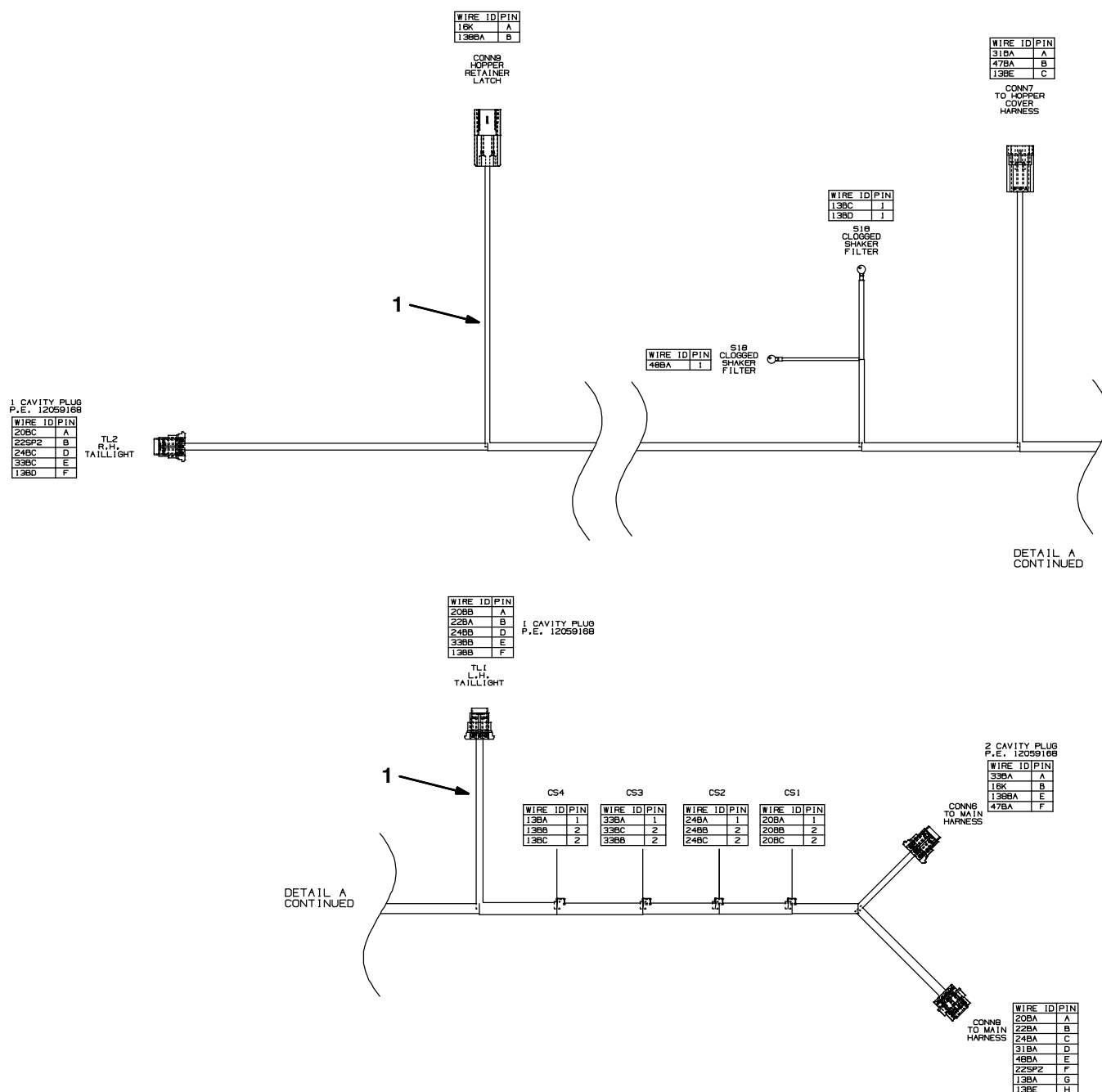


Fig. 69 – Electrical Wire Harness Group, Hopper

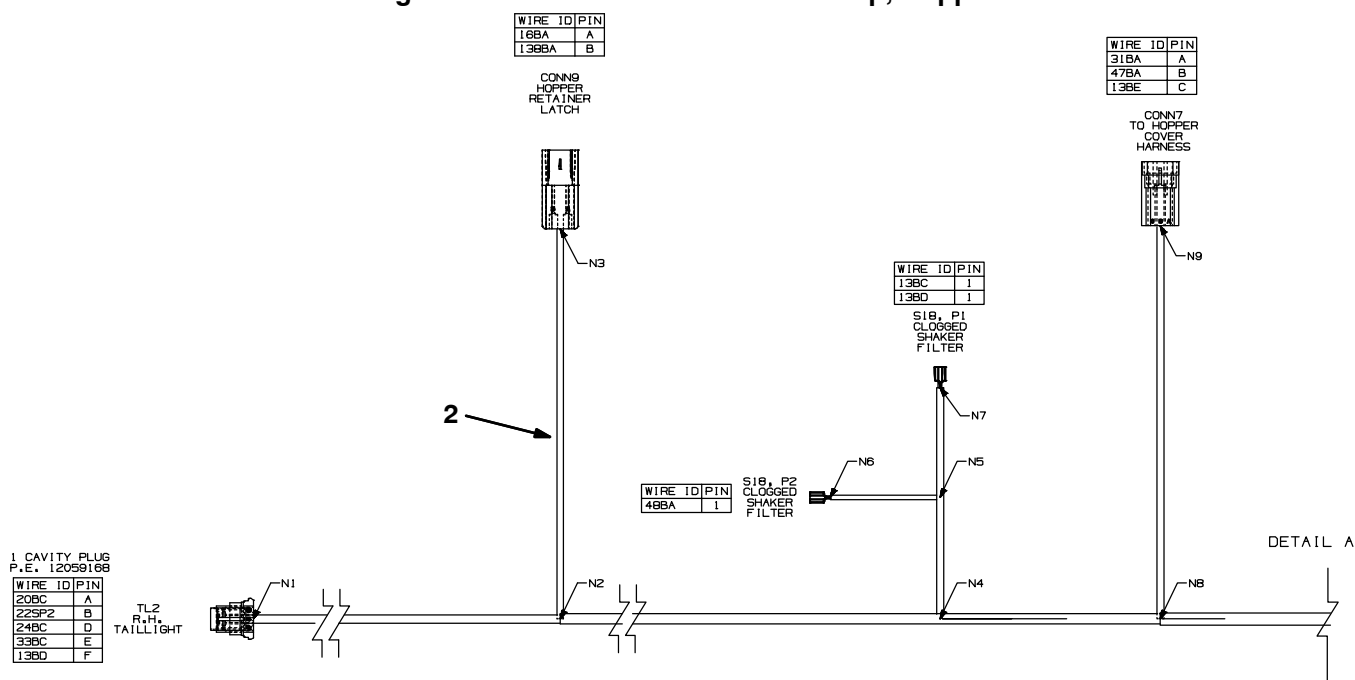
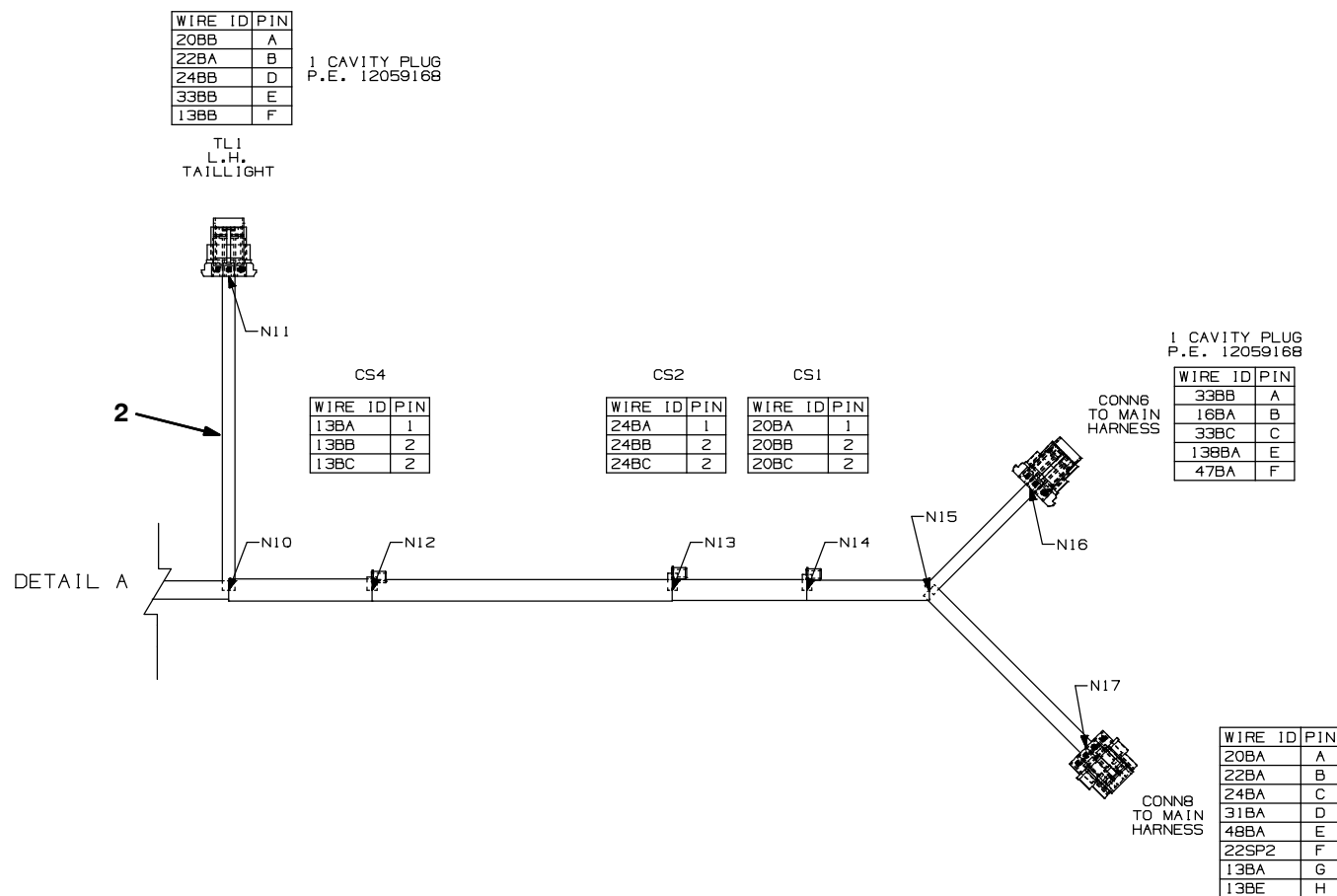
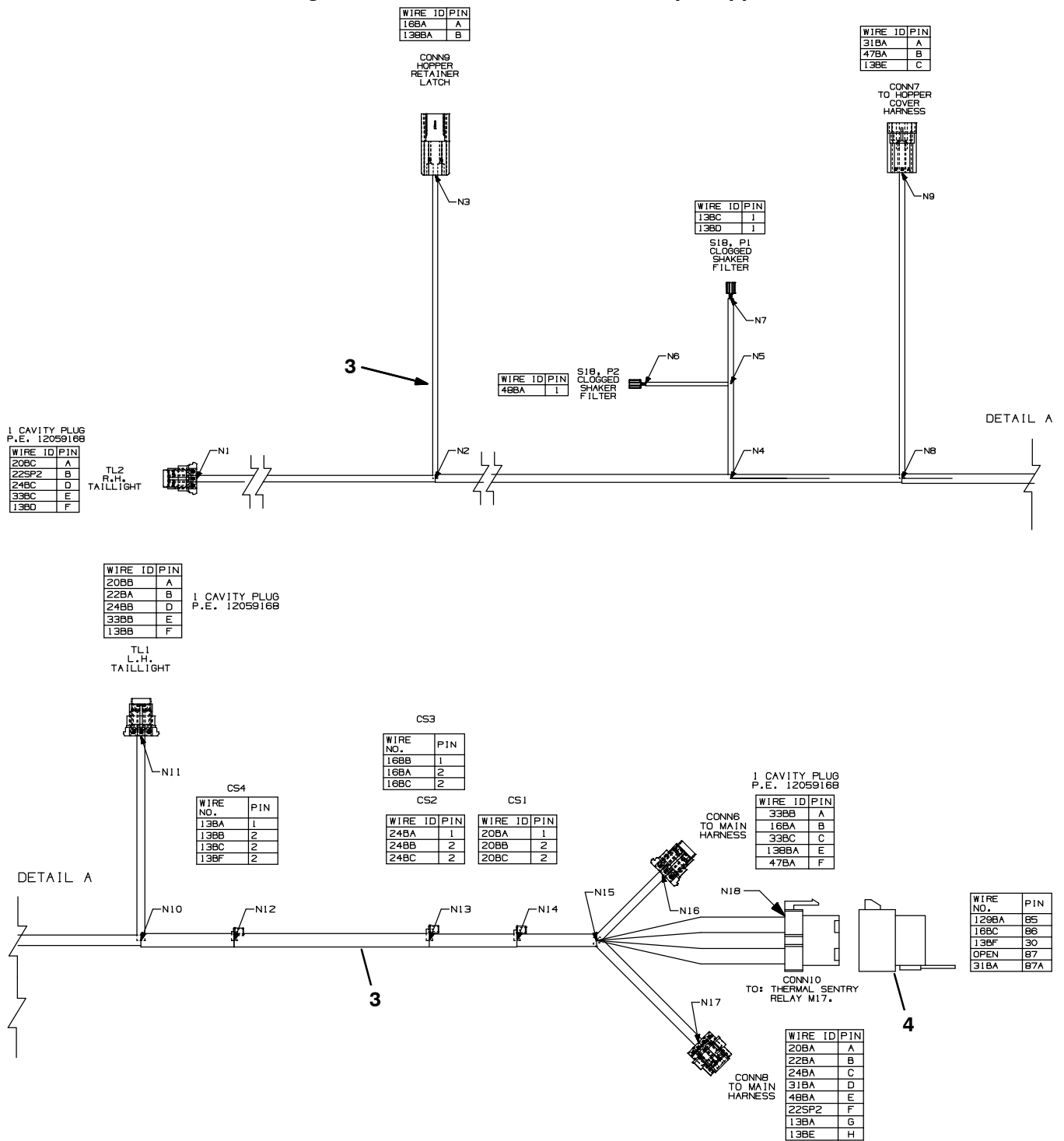


Fig. 69 – Electrical Wire Harness Group, Hopper



356253 – M20, M30

Ref.	Part No.	Serial Number	Description	Qty.
1	1019630	(0000-0067)	Harness, Hpr [M20]	1
2	1033624	(0068-xxxx)	Harness, Hpr [M20/M30]	1
3	1064371	(xxxx-)	Harness, Hpr [M20/M30]	1
4	56186	(xxxx-)	Relay, 12vdc, 040a, Spdt No	1

Fig. 70 – Electrical Wire Harness Group, Hopper Cover

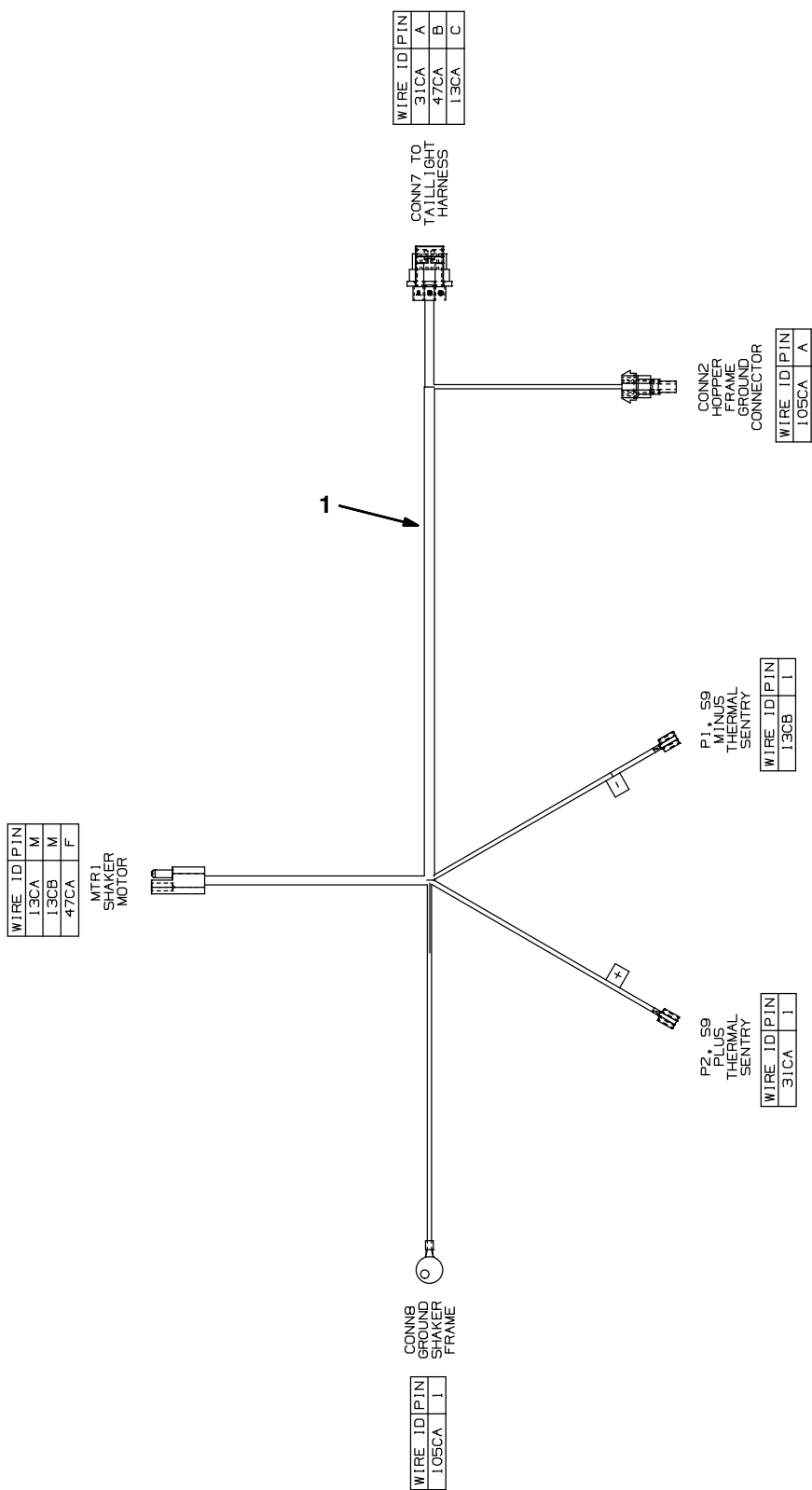
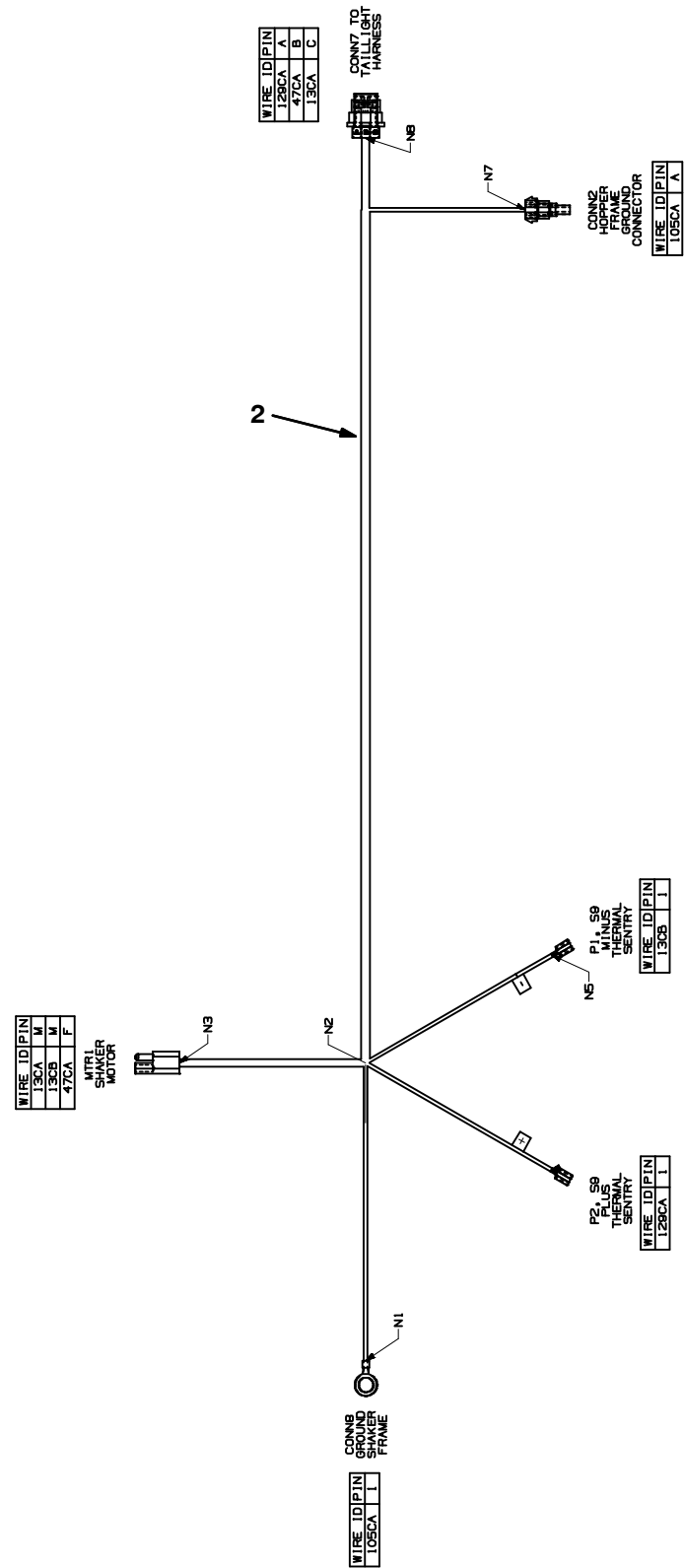


Fig. 70 – Electrical Wire Harness Group, Hopper Cover



354389-354459

Ref.	Part No.	Serial Number	Description	Qty.
1	1019950	(0000-xxxx)	Harness, Hppr, Cover [M20]	1
2	1064370	(xxxx-)	Harness, Hppr, Cover [M20]	1

Fig. 71 – Electrical Wire Harness Group, Diesel Engine

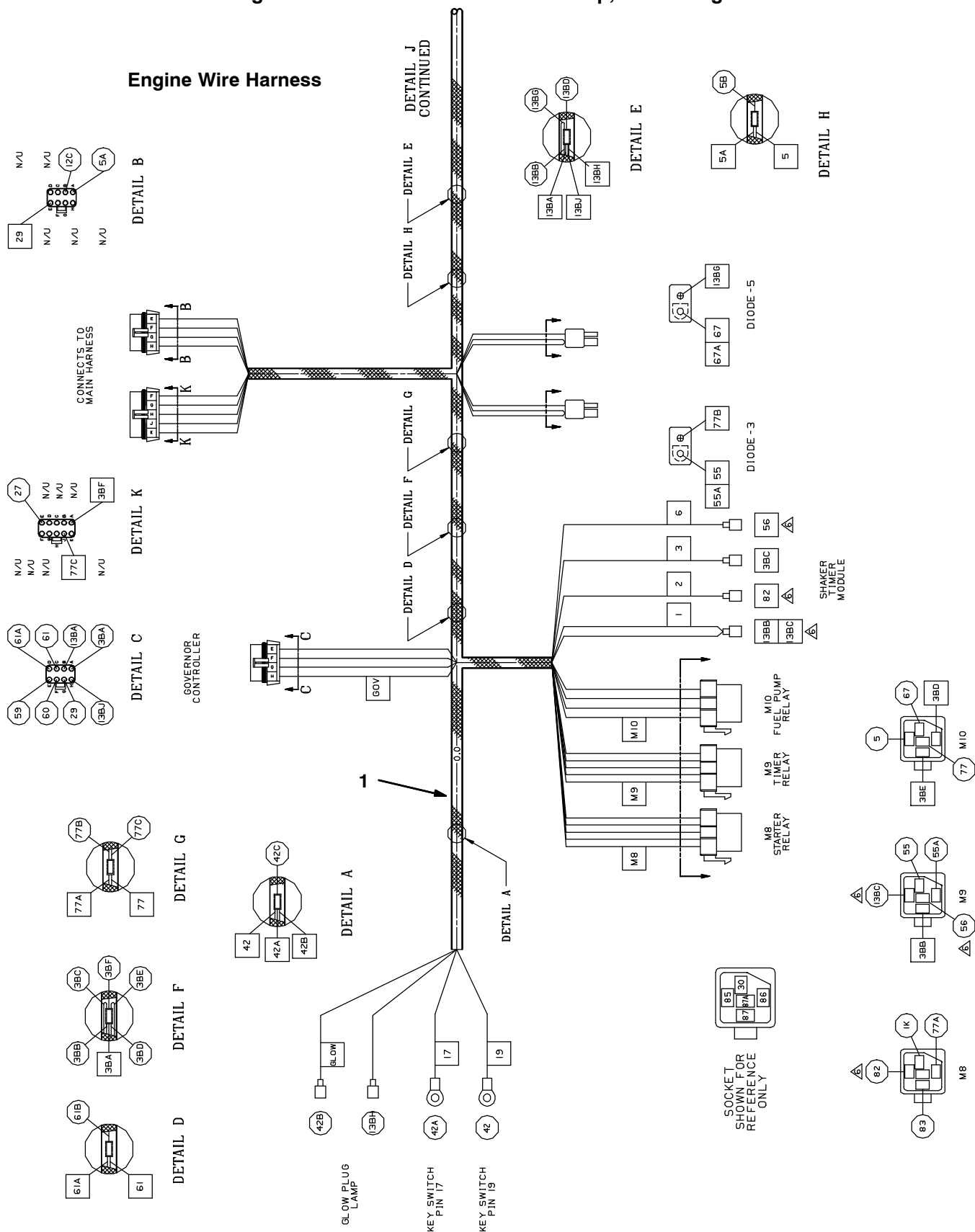
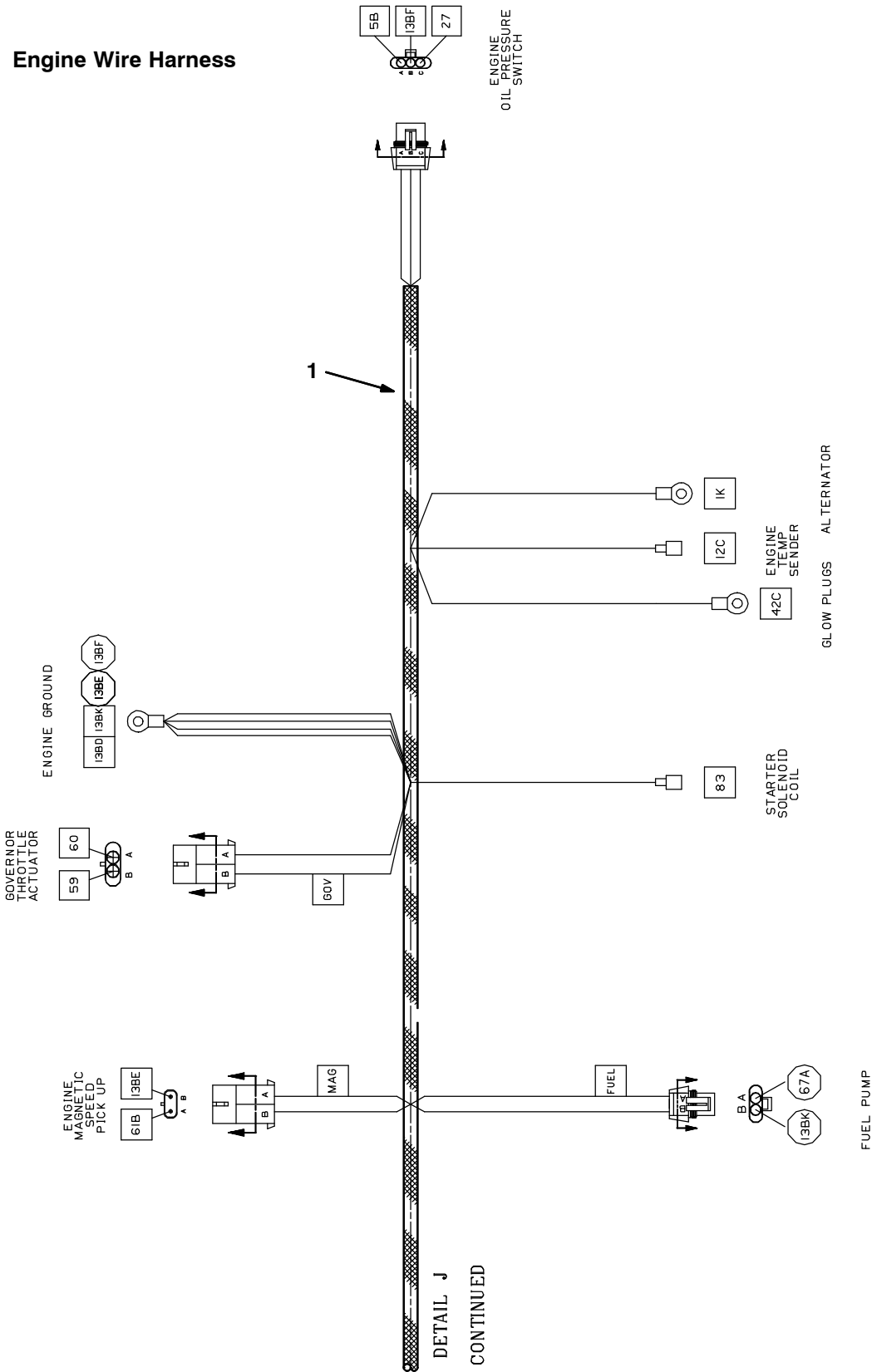


Fig. 71 – Electrical Wire Harness Group, Diesel Engine



354389

Ref.	Part No.	Serial Number	Description	Qty.
1	391969	(0000–	) Harness, Engine, Dsl [M20 T20]	1

M20 Diesel 331416 (12-2014)

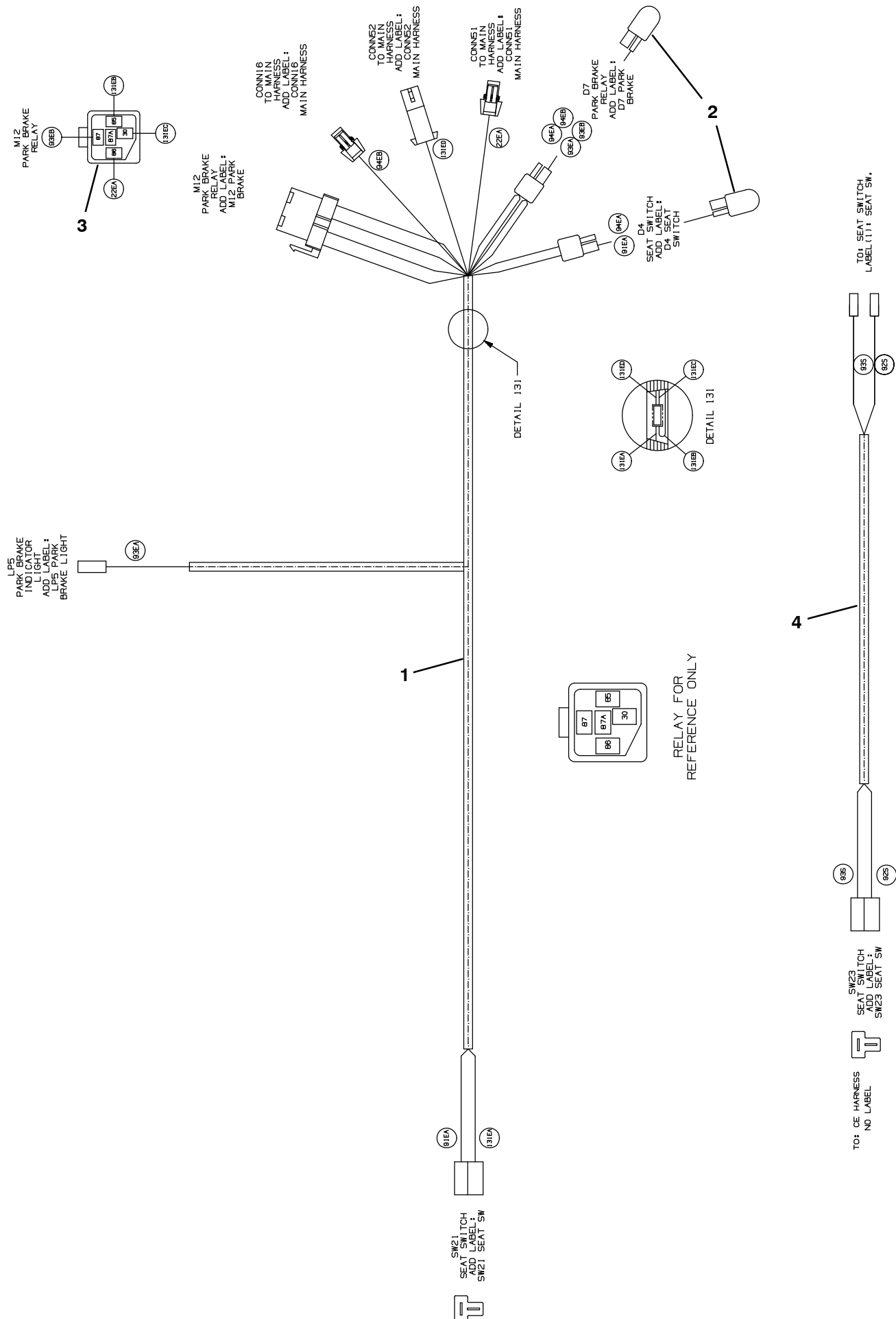


Fig. 72 – Electrical Wire Harness Group, Seat Switch

Ref.	Part No.	Serial Number	Description	Qty.
1	1047620	(0000–	) Harness, Seat, Switch, Ce [M20/T20/M30]	1
2	222290	(0000–	) Diode, Ele, Plug	2
3	56186	(0000–	) Relay, 12vdc, 040a, Spdt No	1
4	1074056	(0000–	) Harness, Ele, Seat	1

Fig. 73 – Label Group

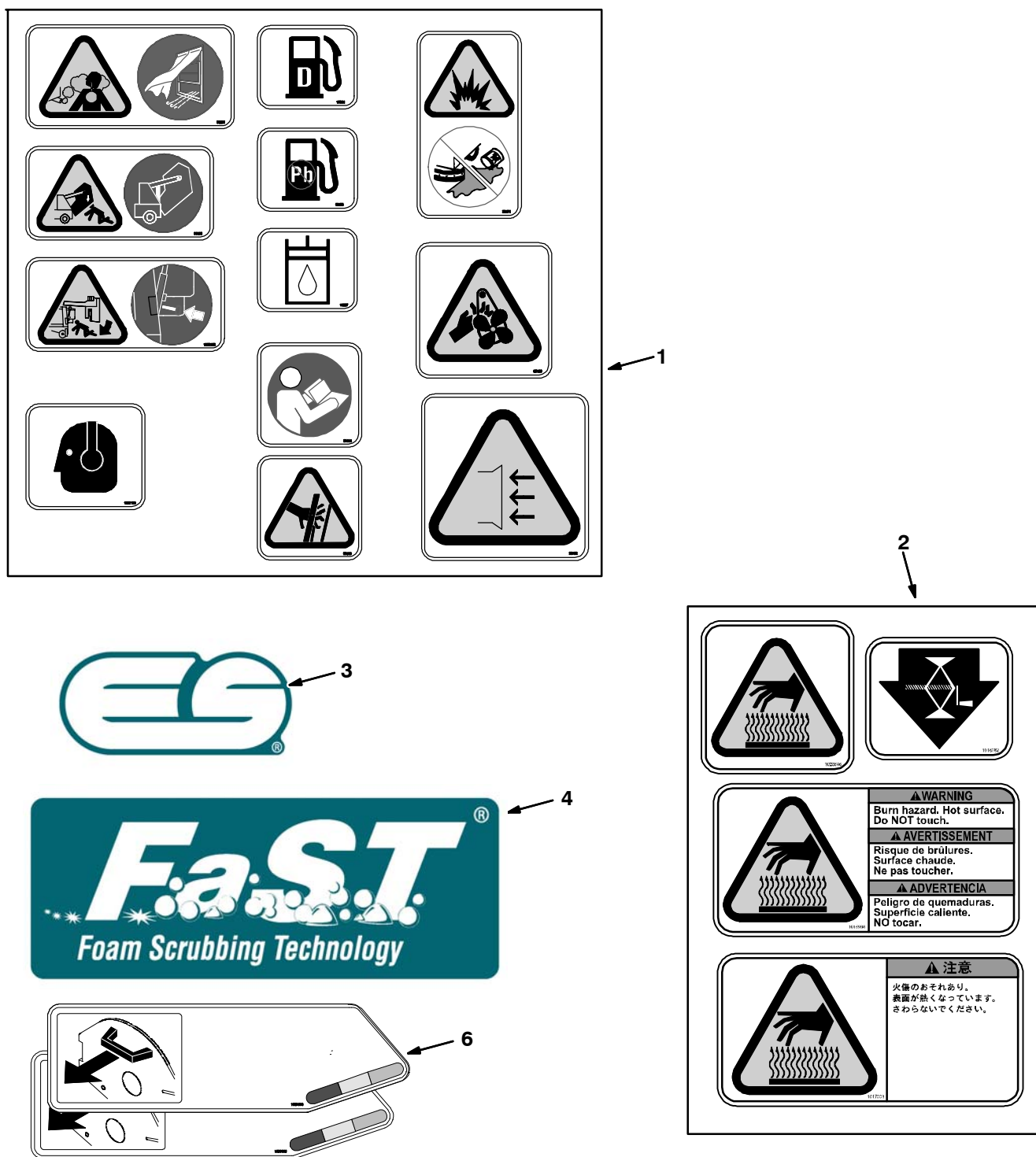
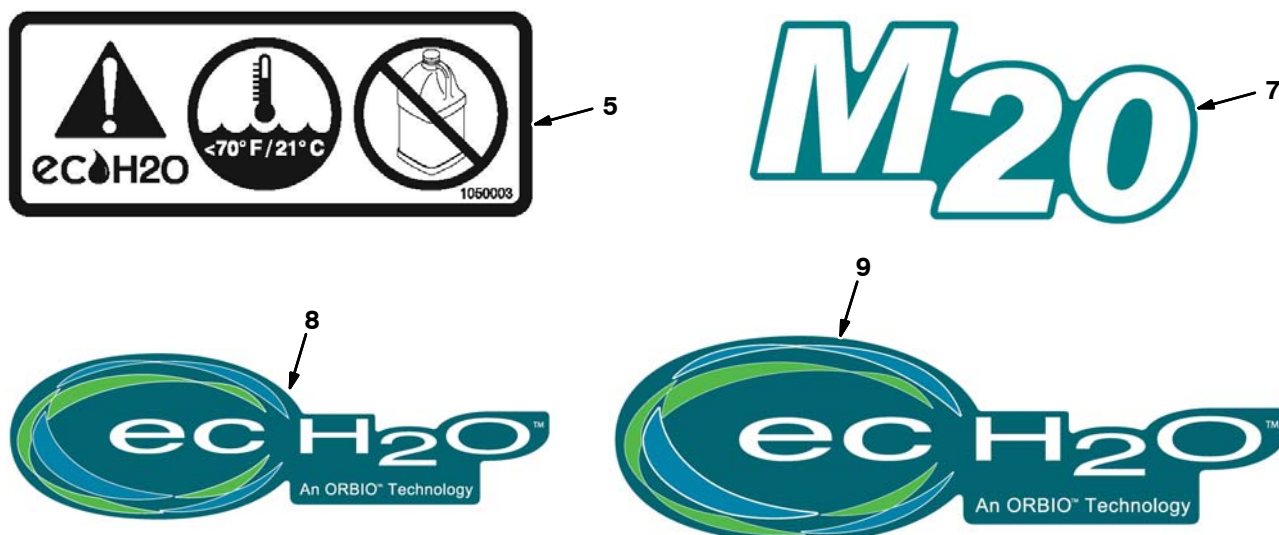


Fig. 73 – Label Group

M20 – D, CE



Ref.	Part No.	Serial Number	Description	Qty.
1	1032418	(0000–	) Label Set, Info/Hzrd, Swpr / Scrbr	1
2	1017141	(0000–	) Label Set, Hi Temp	1
3	1065343	(0000–	) Label, Logo, 05.75L 2Color [ES]	2
4	1065342	(0000–	) Label, Logo, 07.95L 2Color [FaST]	2
5	1050003	(0000–	) Label [User, Attention, ec-H2O]	2
6	1031017	(0000–	) Label Set, Brush Indicator & Removal	1
7	1064662	(0000–	) Label, Model, 2Color [M20]	2
8	1062813	(0000–	) Label, Logo, 12.3L 4Color [ec-H2O]	2
9	1064440	(0000–	) Label, Logo, 16.9L 4Color [ec-H2O]	2
	374224	(0000–	) Tape, Warning, Rh, Blk/Yel [33Mtr]	1
	C460919	(0000–	) Tape, Warning, Left, Blk/Yel [33Mtr]	1

SECTION 3

Contents	Page
Fig. 1 – ES Pump Group	3-2
Fig. 2 – ES Tanks Group	3-4
Fig. 3 – Side Brush Motor Group (0000–0178) ..	3-6
Fig. 4 – Side Brush Motor Group (0179–) ...	3-8
Fig. 5 – Side Brush Lift Group	3-10
Fig. 6 – Side Brush Solution Control Group	3-12
Fig. 7 – Side Brush Hydraulic Valve Group	3-14
Fig. 8 – Side Brush Hydraulic Hose Group	3-16
Fig. 9 – FaST Solution Pump Group (0000–0145)	3-18
Fig. 10 – FaST Air Pump and Detergent Group (0000–0145)	3-20
Fig. 11 – FaST Foam Filter Group (0000–0145)	3-22
Fig. 12 – FaST Foam Filter Group, Side Brush (0000–0145)	3-24
Fig. 13 – FaST Wire Harness Group (0000–0145)	3-26
Fig. 14 – FaST Pumps and Detergent Group (0146–)	3-28
Fig. 15 – FaST Solution Supply Group (0146–)	3-30
Fig. 16 – FaST Solution Supply Group with Side Brush (0146–)	3-32
Fig. 17 – FaST Wire Harness Group (0146–)	3-34
Fig. 18 – ec–H2O Solution Pump Group	3-36
Fig. 19 – ec–H2O Solution Pump Supply Group .	3-38
Fig. 20 – ec–H2O Solution Supply Group	3-40
Fig. 21 – ec–H2O Solution Supply Group with Side Brush	3-42
Fig. 22 – ec–H2O Wire Harnesses Group	3-44
Fig. 23 – Backup Alarm Kit	3-47
Fig. 24 – Light Kit, Flashing	3-48
Fig. 25 – Overhead Guard Kit	3-50
Fig. 26 – Vacuum Wand Kit (0000–xxxx)	3-52
Fig. 27 – Vacuum Wand Kit (xxxx–)	3-54
Fig. 28 – Spray Nozzle Kit	3-56
Fig. 29 – Squeegee Guard Kit	3-58
Fig. 30 – Telemetry Group	3-60
Fig. 31 – Telemetry Wire Harness Group	3-62
Fig. 32 – Documentation Group	3-63

Fig. 1 – ES Pump Group

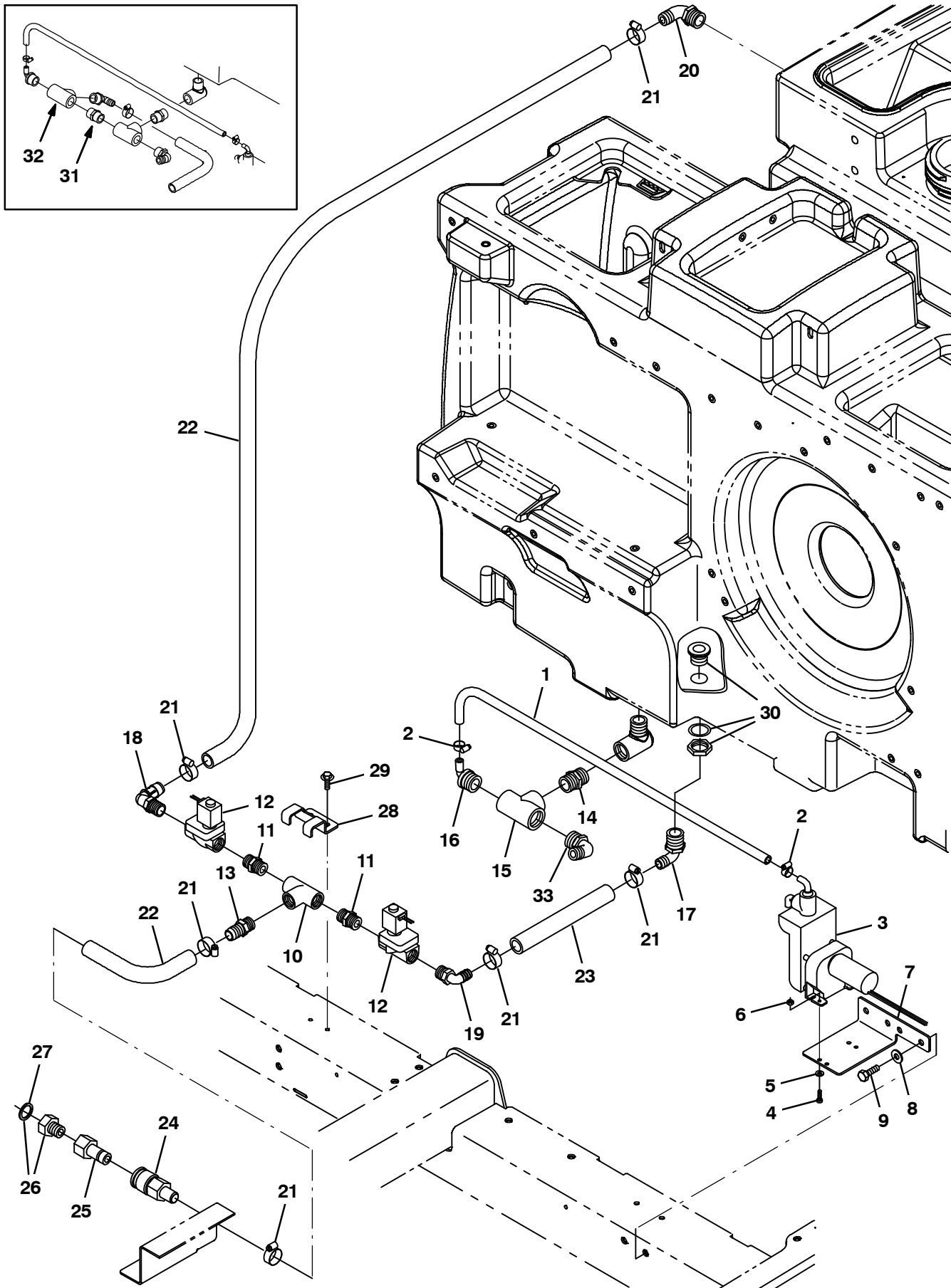


Fig. 1 – ES Pump Group

Ref.	Part No.	Serial Number	Description	Qty.	
1	41295	(0000–	) Hose, Pvc, Clr, 0.38id 0.56od 48.00l	1	
2	43844	(0000–	) Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	2	
3	73260	(0000–	) Pump, Detgt, 14vdc, 150ml/Min 20psi (See Breakdowns)	1	
4	24265	(0000–	) Screw, Pan, M4 X 0.7 X 16, Ss	2	
5	01683	(0000–	) Washer, Flat, #10, Ss	2	
6	33932	(0000–	) Nut, Hex, Lock, M4 X 0.7, NI, Ss	2	
7	1021325	(0000–	) Bracket, Mtg, Valve	1	
8	01685	(0000–	) Washer, Flat, 0.31, Ss	2	
9	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	2	
10	79497	(0000–	) Fitting, Plstc, Tee, Pf08/Pf08/Pf08	1	
11	86508	(0000–	) Fitting, Plstc, Str, Pm08/Pm08	2	
12	73433	(0000–	) Valve, Water, Solenoid, 12vdc 0.08pf	2	
13	78398	(0000–	) Fitting, Plstc, Str, Bm12/Pm08, Nyl	1	
14	24544	(0000–	) Fitting, Plstc, Str, Pm12/Pm12 1.60l	1	
15	42133A	(0000–	) Fitting, Plstc, Tee, Pf12/Pf12/Pf12	1	
16	79484	(0000–	) Fitting, Plstc, E90, Bm06/Pm12, Nyl	1	
17	73468	(0000–	) Fitting, Plstc, E90, Bm10/Pm12	1	
18	63244–2	(0000–	) Fitting, Plstc, E90, Bm12/Pm08	1	
19	630371	(0000–	) Fitting, Plstc, E90, Bm10/Pm08	1	
20	14877	(0000–	) Fitting, Plstc, E90, Bm12/Pm12	1	
21	63810	(0000–	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	6	
22	1015045	(0000–	) Hose, Afmkt, Pvc, Brd 0.75id 08ft	1	
23	369811	(0000–	) Hose, Pvc, Brd, 0.62id 0.88od 09.00l	1	
24	24105	(0000–	) Fitting, Brs, Qdc, Bm12/Qf08	1	
25	33295	(0000–	) Fitting, Brs, Qdc, Pf08 [Parker Bh3f]	1	
▽	26	375322	(0000–	) Fitting Kit, Hose, Garden	1
▲	27	01316	(0000–	) Washer, Flat, 0.66b 1.00d .12, Rbr	1
	28	1016837	(0000–	) Bracket, Mtg, Valve	1
	29	361339	(0000–	) Screw, Hex, M6 X 1.0 X 16, Fmg	2
	30	377349	(xxxx–	) Fitting, Plstc, Pf12/Pf12, Bh	1
	31	24544	(0000–xxxx	) Fitting, Plstc, Str, Pm12/Pm12 1.60l	1
	32	42133A	(0000–xxxx	) Fitting, Plstc, Tee, Pf12/Pf12/Pf12	1
	33	14877	(0000–0821	) Fitting, Plstc, E90, Bm12/Pm12	1
	33	73468	(0822–	) Fitting, Plstc, E90, Bm10/Pm12	1

Fig. 2 – ES Tanks Group

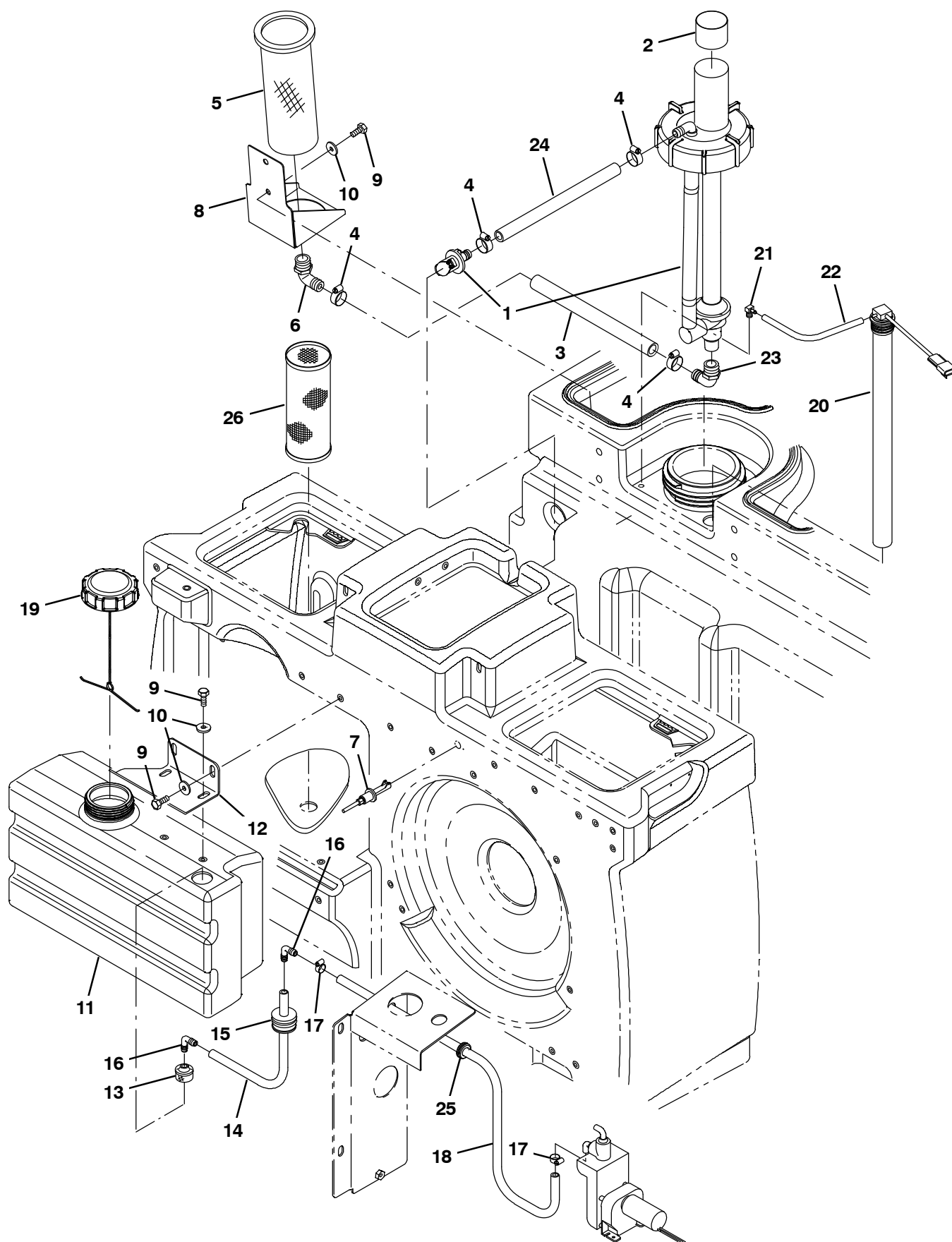


Fig. 2 – ES Tanks Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1021210	(0000–	) Pump Assy, Column, Es (See Breakdowns)	1
2	1028697	(0000–	) Sleeve, Rbr, 3.50b 3.58d 1.8l	1
3	1015048	(0000–	) Hose, Afmkt, Pvc, Brd 0.75id 01ft	1
4	63810	(0000–	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	4
5	386652	(0000–	) Strainer, Soltn, 20 Mesh, Cyl 3.5d 9.5l	1
6	24543	(0000–	) Fitting, Plstc, E90, Bm12/Pf12	1
7	385685	(0000–	) Sensor, Level, Liq, 14vdc 01a .62–11	1
8	1019636	(0000–	) Bracket, Mtg, Strainer	1
9	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	6
10	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	6
11	1022229	(0000–	) Tank, Detgt, Trimmed	1
12	1025159	(0000–	) Bracket, Mtg, Detgt And Spray Wand	1
13	20952	(0000–	) Screen, Pump	1
14	1014974	(0000–	) Hose, Afmkt, Pvc, Brd 0.38id 02ft	1
15	20944	(0000–	) Grommet, Pye, 0.37id, F/1.5h, .13 Matl	1
16	20951	(0000–	) Fitting, Plstc, E90, Bm06/Bm06	2
17	43844	(0000–	) Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	2
18	41295	(0000–	) Hose, Pvc, Clr, 0.38id 0.56od 48.00l	1
19	1011885	(0000–	) Cap, Tank	1
20	1072877	(0000–	) Switch Assy, Press, 3.0, 17.5l Tube	1
21	32183	(0000–	) Fitting, Brs, E90, Pm02/Bm03	1
22	1031572	(0000–	) Hose, Afmkt, Vacuum, 0.16id 01ft	1
23	14877	(0000–	) Fitting, Plstc, E90, Bm12/Pm12	1
24	1015033	(0000–	) Hose, Afmkt, Pvc, Brd 0.62id 01ft	1
25	10632–2	(0000–	) Grommet, Rbr, 0.62id, F/0.9h, .12 Matl	1
26	1039019	(0000–	) Filter, Soltn, 020mesh, Pm12 3.2d 08.0l	1

Fig. 3 – Side Brush Motor Group (0000–0178)

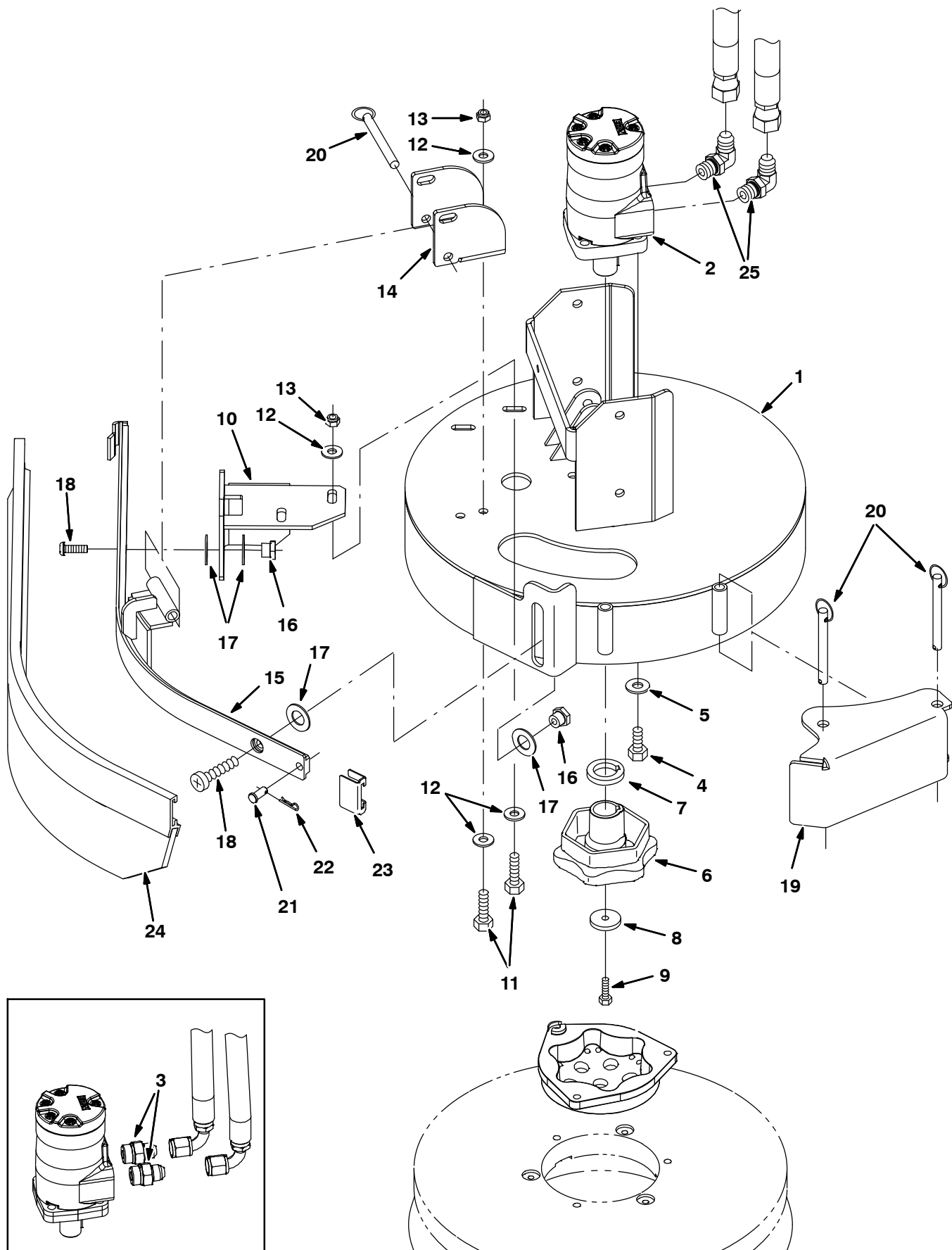


Fig. 3 – Side Brush Motor Group (0000–0178)

Ref.	Part No.	Serial Number	Description	Qty.
1	1021794	(0000–0178	) Bracket Wldt, Mtg, Side Brush	1
2	1029379	(0000–0178	) Motor, Hyd, Gear, Int 08.9 Bi–Dir 2500 (See Breakdowns)	1
3	56692	(0000–0039	) Fitting, Hyd, Str, Jm08/Om10	2
4	01762	(0000–0178	) Screw, Hex, .38–16 X 0.75, NI	4
5	32492	(0000–0178	) Washer, Flat, 0.38 Std	4
6	1042968	(0000–0178	) Hub, Drive, Brush, Disk, 1.00b [6t]	1
7	25611	(0000–0178	) Spacer, Hub, Keyed	1
8	19191	(0000–0178	) Spacer	1
9	25046	(0000–0178	) Screw, Hex, .25–20 X 1.00, 5	1
10	1022135	(0000–0178	) Bracket, Mtg, Sqge	1
11	09010	(0000–0178	) Screw, Hex, M8 X 1.25 X 25, Ss	4
12	01685	(0000–0178	) Washer, Flat, 0.31, Ss	8
13	08713	(0000–0178	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	4
14	1022188	(0000–0178	) Bar, Retainer	1
15	1022111	(0000–0178	) Frame Wldt, Sqge, Side Brush	1
16	1022302	(0000–0178	) Nut, T, M8 X 1.25 X 14.5od X 9.5l	2
17	64425	(0000–0178	) Washer, Thrust, 0.61b 1.25d .06, Fgl	4
18	223470	(0000–0178	) Screw, Btn, M8 X 1.25 X 25, Ss	2
19	1022260	(0000–0178	) Bumper Wldt, Brush, Side	1
20	369359	(0000–0178	) Pin, Hitch, .375d X 3.12l, PI	3
21	46800	(0000–0178	) Pin, Clevis, 0.31d X 0.75l	1
22	08179	(0000–0178	) Pin, Cotter, .094 X 1.00	1
23	86759	(0000–0178	) Retainer, Sqge	1
24	1025005	(0000–0178	) Squeegee Assy, Sba, Linatex	1
24	1027716	(0000–0178	) Squeegee Assy, Sba, Ure	1
25	56821	(0040–0178	) Fitting, Hyd, E90, Jm08/Om10	1

Fig. 4 – Side Brush Motor Group (0179–)

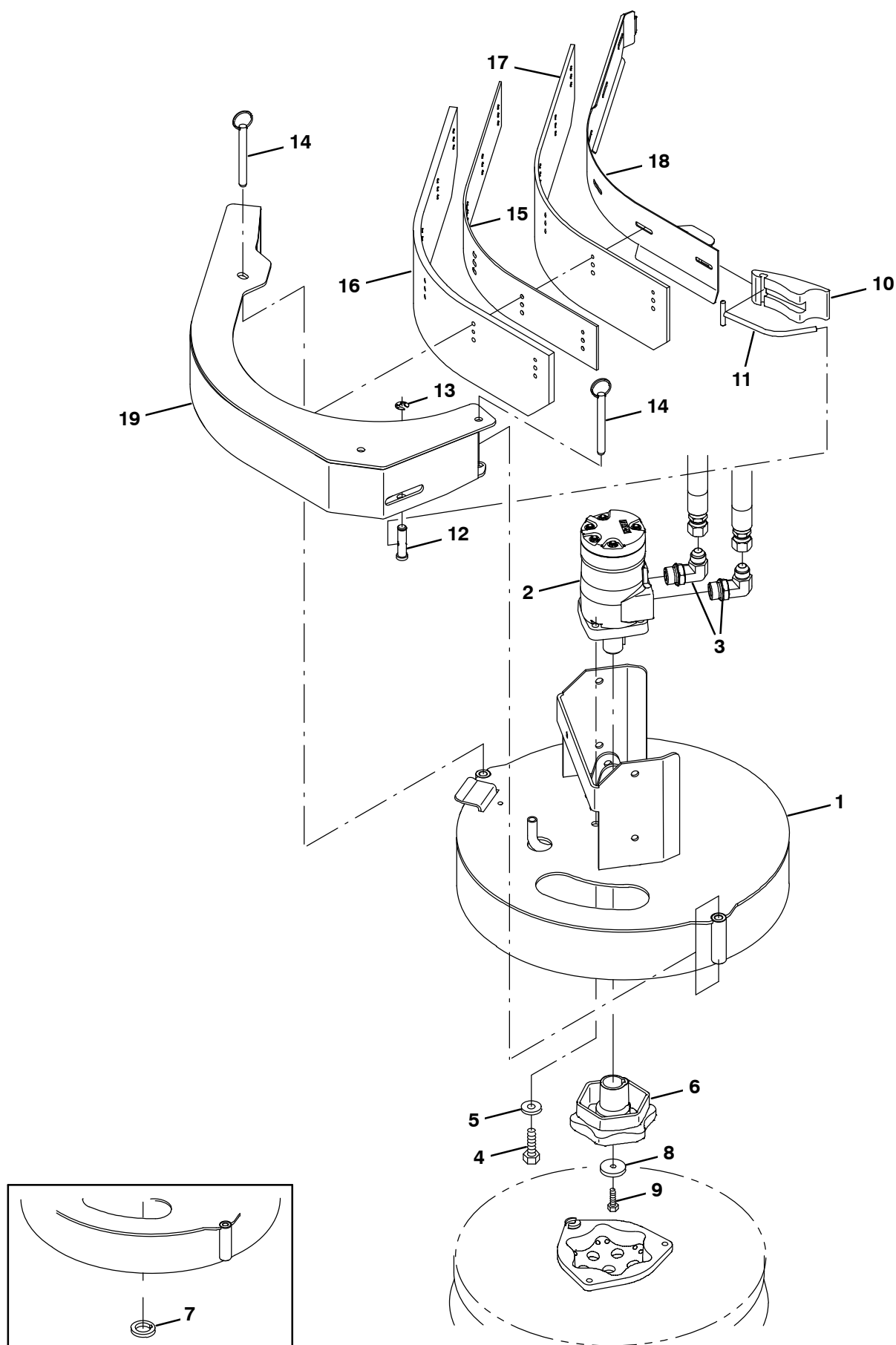


Fig. 4 – Side Brush Motor Group (0179–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1047002	(0179–)	Bracket Wldt, Mtg, Side Brush Fixed	1
2	1029379	(0179–0447)	Motor, Hyd, Gear, Int 08.9 Bi–Dir 2500 (See Breakdowns)	1
▽ 2	1068812	(0448–)	Motor, Hyd, Gear, Int 08.9 Bi–Dir 2500	1
▲ 22615		(0448–)	Seal Kit, Motor [CI]	1
3	56821	(0179–)	Fitting, Hyd, E90, Jm08/Om10	2
4	01762	(0179–)	Screw, Hex, .38–16 X 0.75, NI	4
5	32492	(0179–)	Washer, Flat, 0.38 Std	4
6	1042968	(0179–)	Hub, Drive, Brush, Disk, 1.00b [6t]	1
7	25611	(0179–0447)	Spacer, Hub, Keyed	1
8	19191	(0179–)	Spacer	1
9	25046	(0179–)	Screw, Hex, .25–20 X 1.00, 5	1
10	21601	(0179–)	Cam, Front	1
11	386298	(0179–)	Pin Wldt, Front	1
12	21603	(0179–)	Pin, Grvd, 0.43d 01.8l [303ss]	1
13	24555	(0179–)	Ring, Retaining, Ext, 0.38d, [E–Ring]	1
14	369359	(0179–)	Pin, Hitch, .375d X 3.12l, PI	2
15	1046995	(0179–)	Spacer, Sqge, Side Brush, Rbr	1
16	1046980	(0179–)	Blade, Sqge, Side Brush, Linatex	1
16	1059091	(0179–)	Blade, Sqge, Side Brush, Urethane	1
17	1047238	(0179–)	Blade, Sqge, Side Brush, Linatex	1
17	1059092	(0179–)	Blade, Sqge, Side Brush, Urethane	1
18	1047060	(0179–)	Plate Wldt, Retainer, Sqge	1
19	1046976	(0179–)	Bumper Wldt, Brush, Side	1

Fig. 5 – Side Brush Lift Group

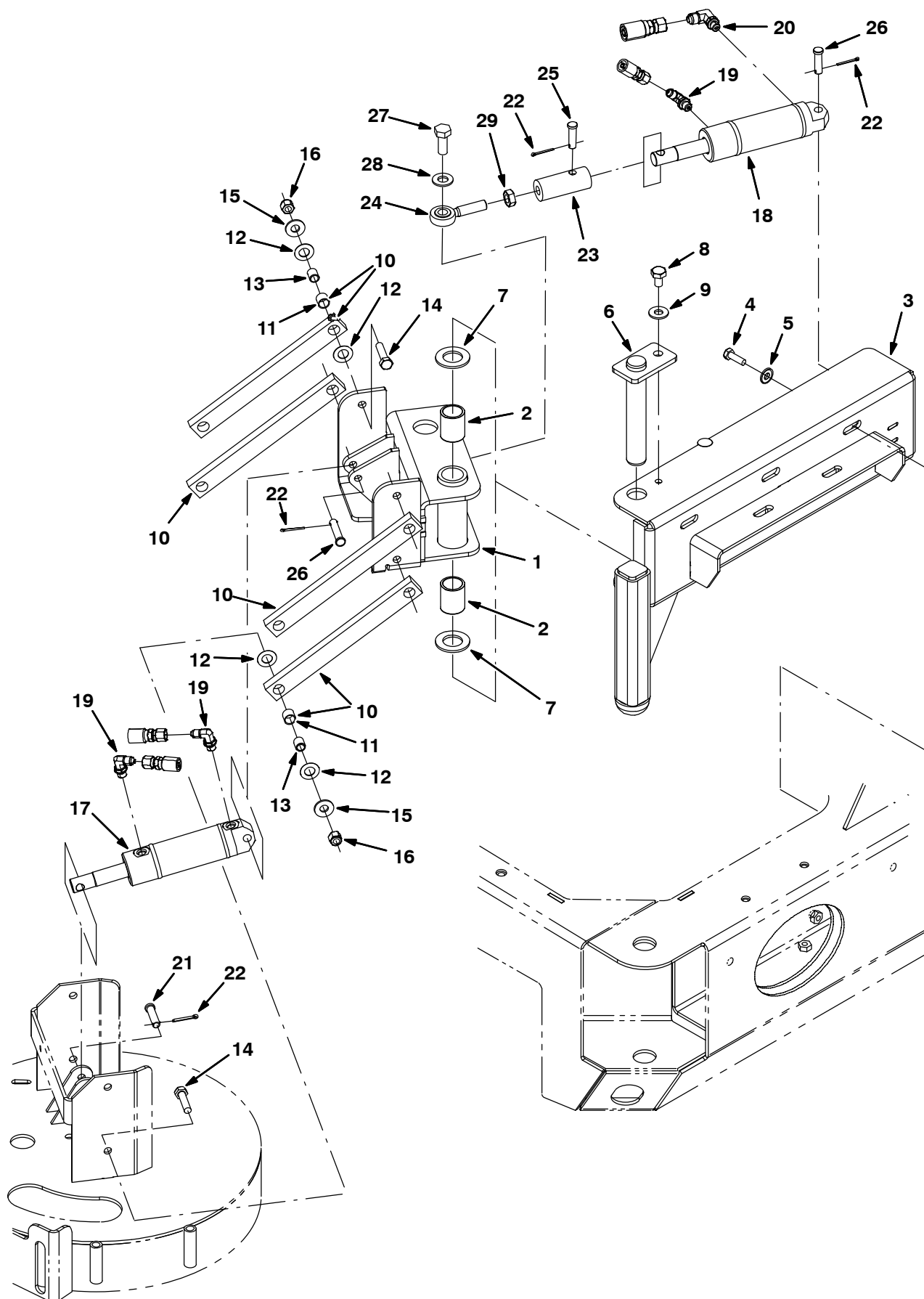


Fig. 5 – Side Brush Lift Group

Ref.	Part No.	Serial Number	Description	Qty.
	1	1021439	(0000–) Pivot Wldt, Brush, Side	1
	2	71868	(0000–) Bushing, Sleeve, 1.00b 1.13d 1.50l, Fgl	2
	3	1021473	(0000–) Channel Wldt, Pivot	1
	4	09010	(0000–) Screw, Hex, M8 X 1.25 X 25, Ss	5
	5	41186	(0000–) Washer, Flat, Belleville, .31	5
	6	1021617	(0000–) Pin Wldt	1
	7	71869	(0000–) Washer, Thrust, 1.00b 1.75d 0.13w, Fbr	2
	8	16735	(0000–) Screw, Hex, M8 X 1.25 X 16, 8.8	1
	9	32491	(0000–) Washer, Flat, 0.31, Std	1
▽	10	63175–1	(0000–) Arm, Link	4
▲	11	63233	(0000–) Bushing, Sleeve, 0.50b 0.59d 0.50l, Bnz	2
	12	59633	(0000–) Bearing, Thrust, 0.53b 1.00d 0.03w	16
	13	1027926	(0000–) Sleeve, P/M, 0.37b 0.50d 0.6l [430ss]	8
	14	36845	(0000–) Screw, Hex, .38–16 X 1.50, Ss	8
	15	01685	(0000–) Washer, Flat, 0.31, Ss	8
	16	59156	(0000–) Nut, Hex, Lock, .38–16, NI, Ss	8
	17	1038137	(0000–) Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500	1
	18	1038115	(0000–) Cylinder, Hyd, 1.5b 07.8l 02.75strk 2500	1
	19	77097	(0000–) Fitting, Hyd, E90, Jm04/Om04	3
	20	77098	(0000–) Fitting, Hyd, E90, Jm06/Om04	1
	21	29558	(0000–) Pin, Clevis, 0.37d X 1.50l	1
	22	08179	(0000–) Pin, Cotter, .094 X 1.00	4
	23	1021564	(0000–) Adapter, Rod–End, Side Brush	1
	24	71874	(0000–) Rod–End, .50–20rh Mal 0.50b	1
	25	29557	(0000–) Pin, Clevis, 0.37d X 1.31l	1
	26	17461	(0000–) Pin, Clevis, 0.37d X 1.75l	2
	27	41346	(0000–) Screw, Hex, M12 X 1.75 X 30, 8.8	1
	28	32486	(0000–) Washer, Flat, 0.50 Sae	1
	29	48985	(0000–) Nut, Hex, Jam, .50–20	1

Fig. 6 – Side Brush Solution Control Group

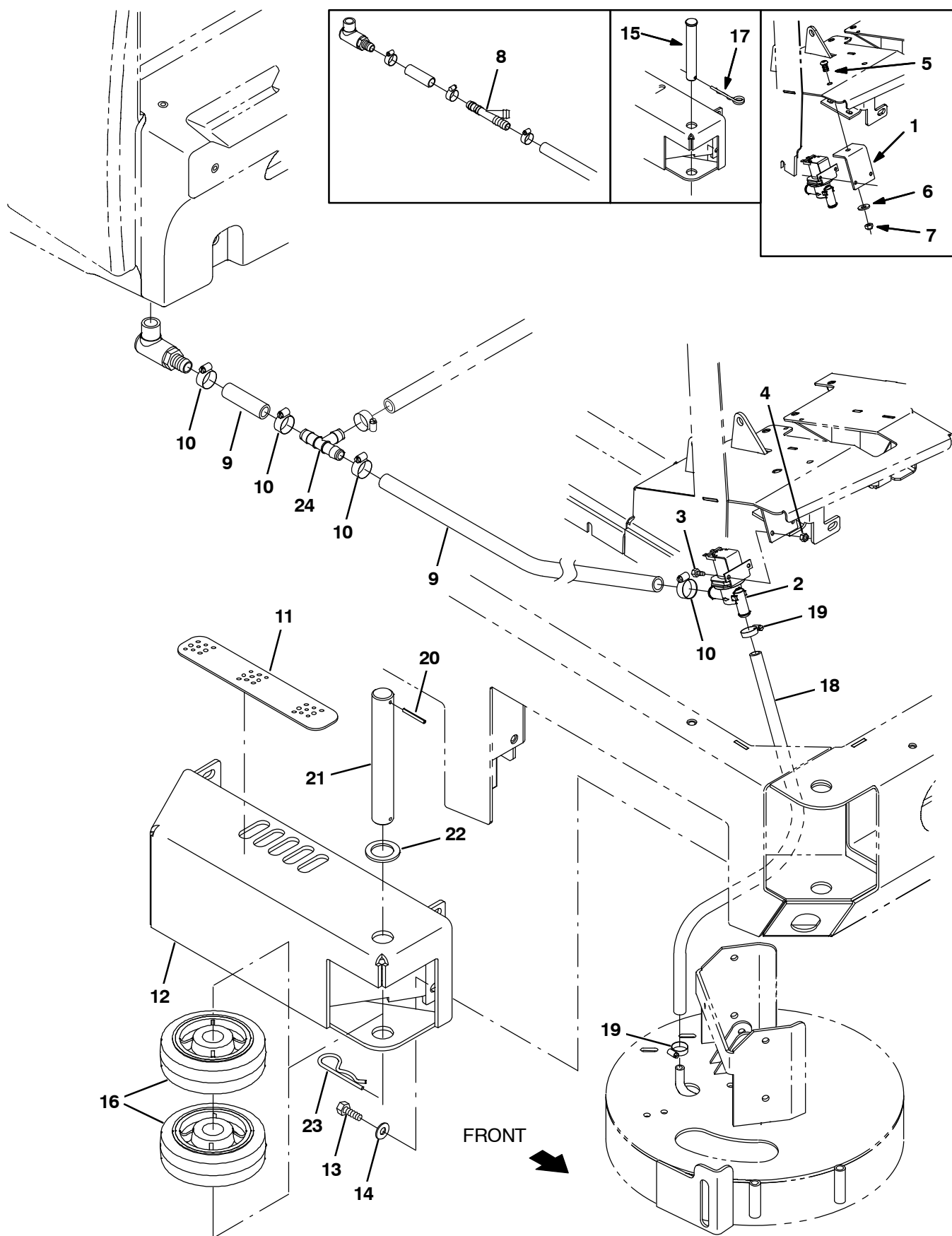


Fig. 6 – Side Brush Solution Control Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1040834	(0000-0090	) Angle, Mtg, Valve	1
2	1022106	(0000-	) Valve Assy, Water, Solenoid, 12vdc	1
3	09738	(0000-	) Screw, Hex, M5 X 0.8 X 12, Ss	2
4	09739	(0000-	) Nut, Hex, Lock, M5 X 0.8, NI, Ss	2
5	17284	(0000-0090	) Screw, Btn, M8 X 1.25 X 16, Ss	1
6	32491	(0000-0090	) Washer, Flat, 0.31, Std	1
7	08713	(0000-0090	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	1
8	393255	(0000-	) Fitting, Plstc, Tee, Bm12/Bm12/Bm12	1
9	1015045	(0000-	) Hose, Afmkt, Pvc, Brd 0.75id 08ft	1
10	63810	(0000-	) Clamp, Hose, Wormdrive, 0.56-1.06d, .56w	4
11	82839	(0000-	) Tread, Non-Skid, 02.2w 11.5l	1
12	1022318	(0000-	) Guard Wldt, Brush, Side	1
13	12317	(0000-	) Screw, Hex, M10 X 1.5 X 30, Ss	4
14	01686	(0000-	) Washer, Flat, 0.44b 1.00d .08, Ss	4
15	9006334	(0000-0206	) Pin Kit, Wheel, Ci [M20/T20/M30]	1
16	1060130	(0000-	) Wheel, 06.0D 2.00W 1.19B, Gray Rbr	2
17	761490	(0000-0206	) Pin, Cotter, Hair, Dbl	1
18	50178	(0000-	) Hose, Pvc, Clr, 0.50id 0.69od 26.00l	1
19	54333	(0000-	) Clamp, Hose, Wormdrive, 0.31-0.88d, .31w	2
20	23146	(0207-	) Pin, Roll, .187d X 1.62l, .187/.192	1
21	1053838	(0207-	) Pin, 30mmd X 215mml	1
22	47719	(0207-	) Washer, Flat, 1.26b 1.88d .13, Stl	1
23	34411	(0207-	) Pin, Cotter, Hair, 1.00d .178 Wir	1

Fig. 7 – Side Brush Hydraulic Valve Group

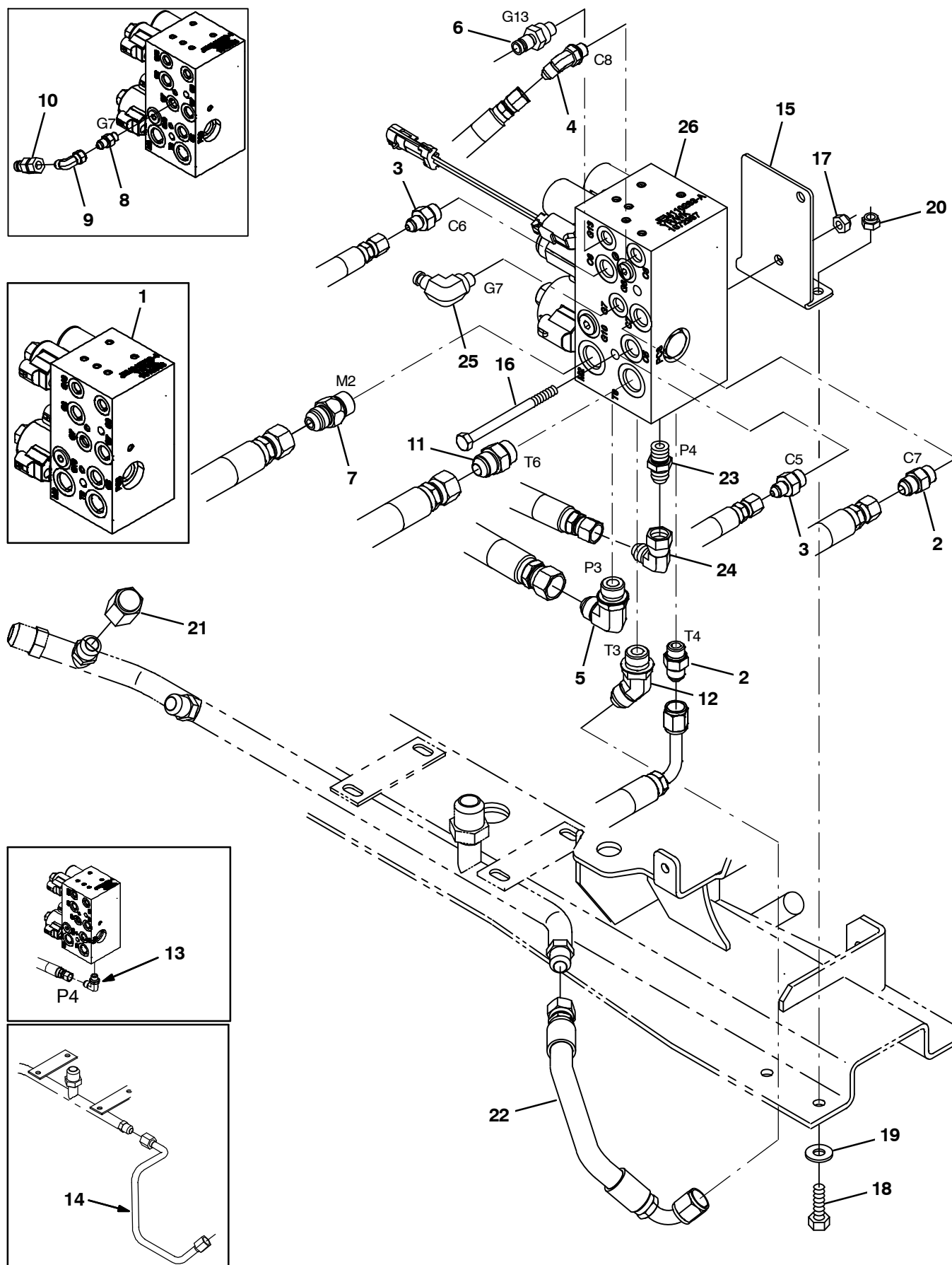


Fig. 7 – Side Brush Hydraulic Valve Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1018938	(0000–0050	) Valve, Cntrl, Hyd [M20 And T20] (See Breakdowns)	1
1	1037805	(0051–0546	) Valve, Hyd, Solenoid 12vdc 3000psi (See Breakdowns)	1
2	56690	(0000–	) Fitting, Hyd, Str, Jm06/Om06	2
3	55685	(0000–	) Fitting, Hyd, Str, Jm04/Om06	2
4	34359	(0000–	) Fitting, Hyd, E45, Jm04/Om04	1
5	44868	(0000–	) Fitting, Hyd, E90, Jm08/Om08	1
6	395973	(0000–	) Fitting, Hyd, Str, Om04/Qm04	1
7	1026119	(0000–	) Valve, Hyd, Check, Jm08/Om08 5000psi	1
8	55586	(0000–xxxx	) Fitting, Hyd, Str, Jm04/Om04	1
9	39210	(0000–xxxx	) Fitting, Hyd, E90, Jf04/Jm04	1
10	396476	(0000–xxxx	) Fitting, Hyd, Str, Jf04/Qm04	1
11	44869	(0000–	) Fitting, Hyd, Str, Jm08/Om08	1
12	42226	(0000–	) Fitting, Hyd, E45, Jm08/Om08	1
13	56820	(0000–0039	) Fitting, Hyd, E90, Jm06/Om06	1
14	1025405	(0000–0038	) Tube, Hyd, 08 Jf08/Jf08	1
15	1045272	(0000–	) Bracket, Valve, Sba [M20 And T20]	1
16	364441	(0000–	) Screw, Hex, M8 X 1.25 X 110, Ss	2
17	08709	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI	2
18	09010	(0000–	) Screw, Hex, M8 X 1.25 X 25, Ss	2
19	32491	(0000–	) Washer, Flat, 0.31, Std	2
20	08713	(0000–	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	2
21	60090	(0000–	) Fitting, Hyd, Cap, Jf08	1
22	1037011	(0039–	) Hose, Hyd, Tc08, Jf08str/Jf08e90, 012.0	1
23	56690	(0040–	) Fitting, Hyd, Str, Jm06/Om06	1
24	47504	(0040–	) Fitting, Hyd, E90, Jf06/Jm06	1
25	395974	(xxxx–	) Fitting, Hyd, E90, Om04/Qm04	1
26	1072997	(0547–	) Valve, Cntrl, Hyd, Solenoid, 03/16gpm (See Breakdowns)	1

Fig. 8 – Side Brush Hydraulic Hose Group

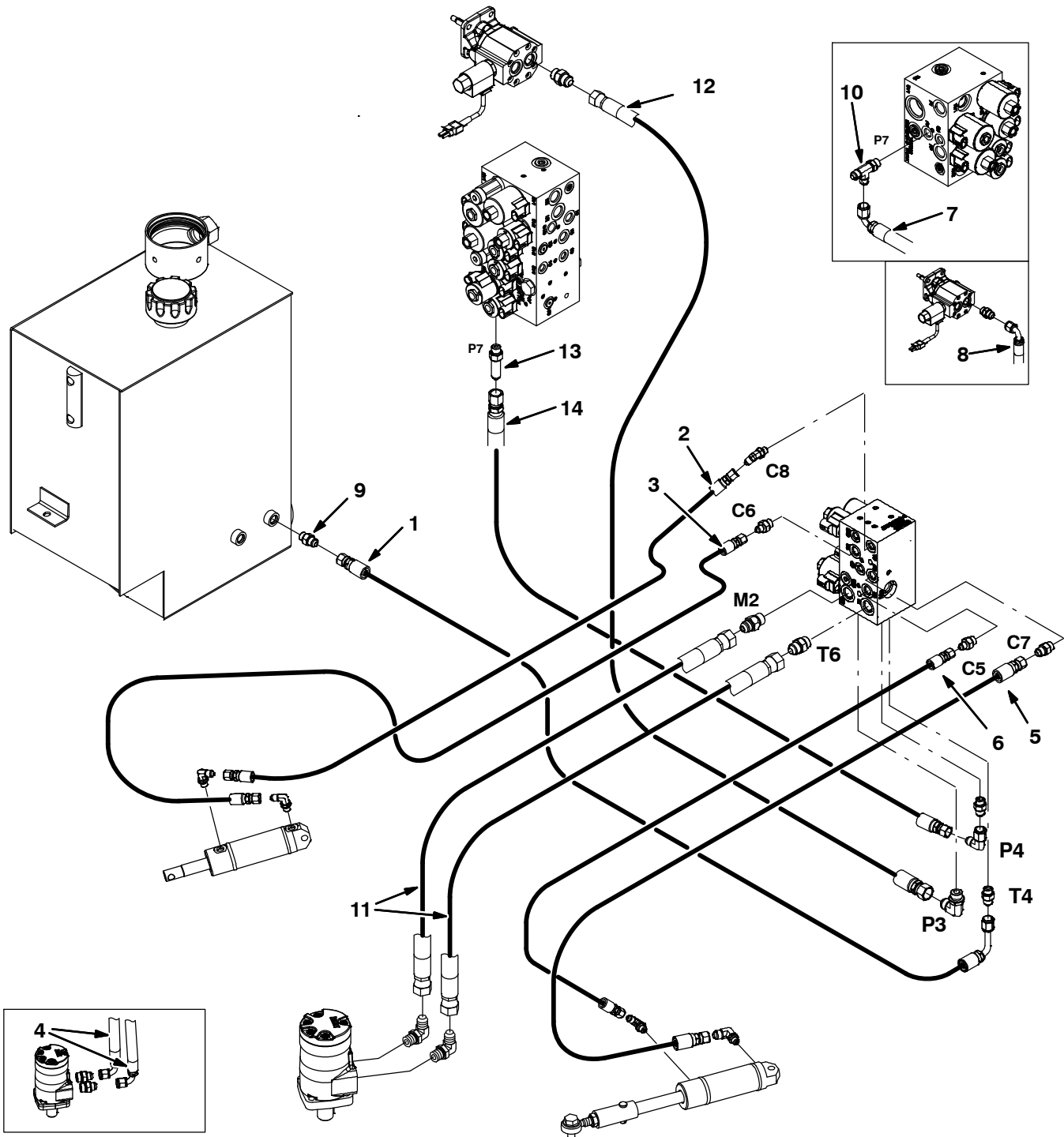


Fig. 8 – Side Brush Hydraulic Hose Group

Ref.	Part No.	Serial Number	Description	Qty.
1	361047	(0000–	) Hose, Hyd, Med06, Jf06e90l/Jf06str,038.0	1
2	1023485	(0000–	) Hose, Hyd, Tc06, Jf06str/Jf06str, 033.0	1
3	1025990	(0000–	) Hose, Hyd, Tc04, Jf04str /Jf04str, 39.0	1
4	1023486	(0000–0039	) Hose, Hyd, Tc08, Jf08e90/Jf08str, 034.0	2
5	1025991	(0000–	) Hose, Hyd, Tc06, Jf06str /Jf06str, 23.0	1
6	1025992	(0000–	) Hose, Hyd, Tc04, Jf04str /Jf04str, 20.0	1
7	1025445	(0000–0131	) Hose, Hyd, Tc06, Jf06str /Jf06e90, 74.0	1
8	365004	(0000–0039	) Hose, Hyd, Tc08, Jf08e90/Jf08str, 056.0	1
9	56690	(0000–	) Fitting, Hyd, Str, Jm06/Om06	1
10	76316	(0000–0131	) Fitting, Hyd, Tee, Jm06/Jm06/Om06, Run	1
11	1036965	(0040–	) Hose, Hyd, Tc08, Jf08str/Jf08str, 034.0	1
12	1036944	(0040–0499	) Hose, Hyd, Tc08, Jf08str/Jf08str, 056.0	1
12	1036946	(0500–	) Hose, Hyd, Tc08, Jf08str/Jf08str, 084.0	1
13	59577	(0132–	) Fitting, Hyd, Str, Jm06/Om06	1
14	377236	(0132–0499	) Hose, Hyd, Tc06, Jf06str/Jf06str, 062.0	1
14	1041389	(0500–	) Hose, Hyd, Tc06, Jf06str/Jf06str, 086.0	1

Fig. 9 – FaST Solution Pump Group (0000-0145)

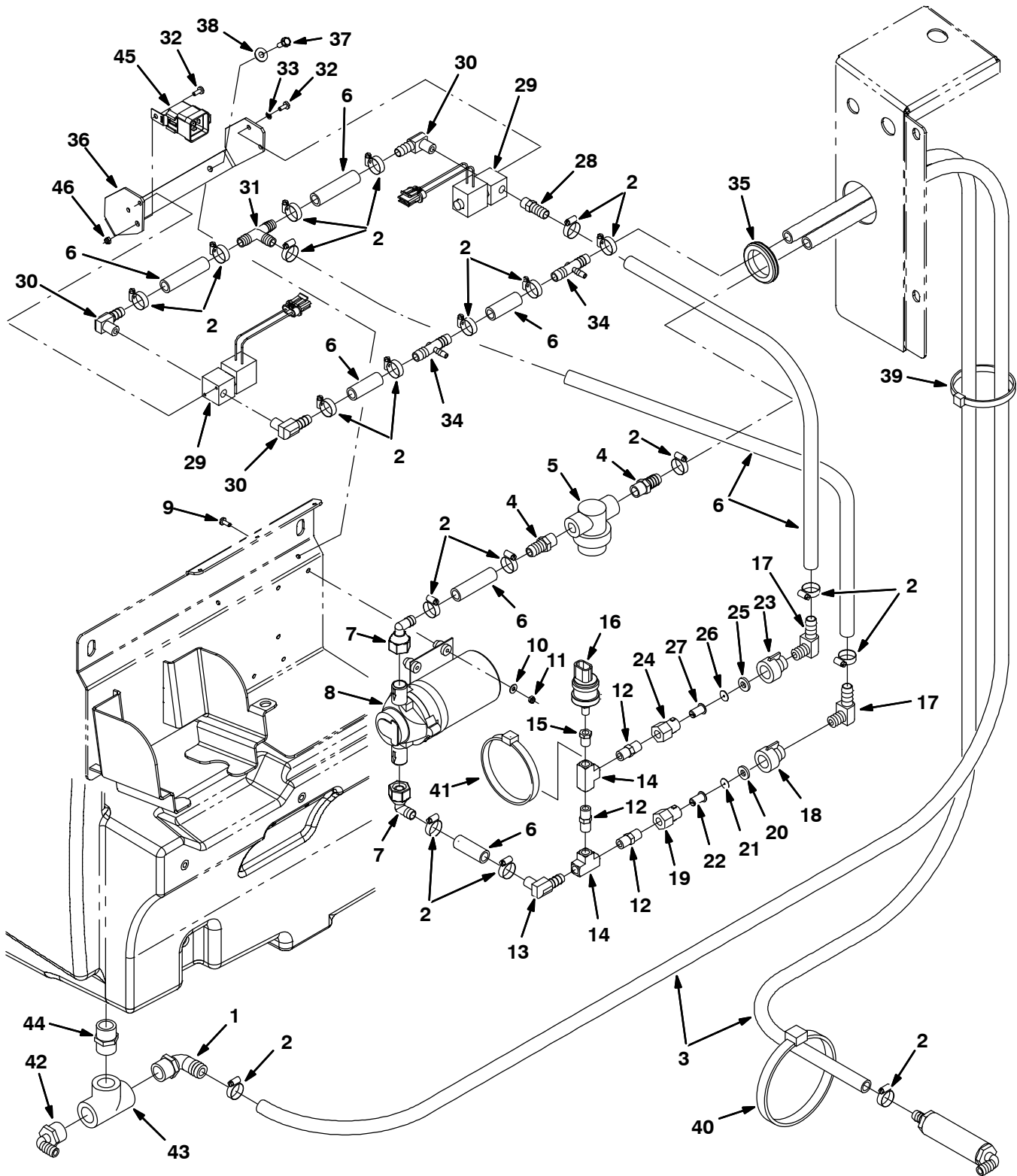


Fig. 9 – FaST Solution Pump Group (0000–0145)

Ref.	Part No.	Serial Number	Description	Qty.
1	1005552	(0000–0145)	Fitting, Plstc, E90, Bm08/Pm12, Nyl	1
2	54333	(0000–0145)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	1
3	1011412	(0000–0145)	Hose, Afmkt, Pvc, Brd 0.50id 08ft	1
4	64743	(0000–0145)	Fitting, Plstc, Str, Bm08/Pm06	2
5	1005302	(0000–0145)	Filter, In–Line, Pf06/Pf06, 80 Mesh	1
6	1006401	(0000–0145)	Hose, Afmkt, Pvc, Brd 0.50id 03ft	1
7	1018499	(0000–0145)	Fitting, Plstc, E90, Bm08/Pf08s, Swivel	2
8	1030878	(0000–0145)	Pump, Soltn, Ele, 12vdc [W/O Chk Valve]	1
9	17185	(0000–0145)	Screw, Pan, M5 X 0.8 X 40, Ss	4
10	01683	(0000–0145)	Washer, Flat, #10, Ss	4
11	09739	(0000–0145)	Nut, Hex, Lock, M5 X 0.8, NI, Ss	4
12	398468	(0000–0145)	Fitting, Brs, Str, Pm04/Pm04	3
13	1010836	(0000–0145)	Fitting, Brs, E90, Bm08/Pm04	1
14	398474	(0000–0145)	Fitting, Brs, Tee, Pf04/Pf04/Pf04	2
15	150100	(0000–0145)	Fitting, Brs, Str, Pf02/Pm04	1
16	1028582	(0000–0145)	Switch, Press, 10psi, Spst	1
17	1010836	(0000–0145)	Fitting, Brs, E90, Bm08/Pm04	2
▽	1030864	(0000–0145)	Fitting Assy, Orifice, 0.070b, Pf04/Pf04	1
▲	18 1005506	(0000–0145)	Fitting, Plstc, Cap, Spray, Pf04	1
▲	19 1005507	(0000–0145)	Fitting, Plstc, Body, Spray, Pf04	1
▲	20 1005508	(0000–0145)	Washer, Flat, 0.34b 0.75d .12 [Viton]	1
▲	21 1018883	(0000–0145)	Plate, Orifice, 0.070id	1
▲	22 1006447	(0000–0145)	Filter, Screen, 50 Mesh .59d .8l Ss	1
▽	1030863	(0000–0145)	Fitting Assy, Orifice, 0.093b, Pf04/Pf04	1
▲	23 1005506	(0000–0145)	Fitting, Plstc, Cap, Spray, Pf04	1
▲	24 1005507	(0000–0145)	Fitting, Plstc, Body, Spray, Pf04	1
▲	25 1005508	(0000–0145)	Washer, Flat, 0.34b 0.75d .12 [Viton]	1
▲	26 1018884	(0000–0145)	Plate, Orifice, 0.093id	1
▲	27 1006447	(0000–0145)	Filter, Screen, 50 Mesh .59d .8l Ss	1
28	762249	(0000–0145)	Fitting, Brs, Str, Bm08/Pm04	1
29	1018098	(0000–0145)	Valve, Water, 12vdc, 6.0mm, 04pf	2
30	1010836	(0000–0145)	Fitting, Brs, E90, Bm08/Pm04	3
31	63245–1	(0000–0145)	Fitting, Plstc, Tee, Bm08/Bm08/Bm08	1
32	09200	(0000–0145)	Screw, Pan, M5 X 0.8 X 12, Ss	5
33	07514	(0000–0145)	Washer, Lock, Int, #10, Ss	4
34	1010684	(0000–0145)	Fitting, Plstc, Tee, Bm04/Bm08/Bm08, Br	2
35	10632–19	(0000–0145)	Grommet, Rbr, 2.13id, F/2.5h, .12 Matl	1
36	1026074	(0000–0145)	Plate, Hsng [FaST]	1
37	361339	(0000–0145)	Screw, Hex, M6 X 1.0 X 16, Fmg	4
38	32490	(0000–0145)	Washer, Flat, 0.25 Std	4
39	49266	(0000–0145)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	1
40	763116	(0000–0145)	Tie, Cable, Nyl, 15.3l . W 4.5 Max D	1
41	763114	(0000–0145)	Tie, Cable, 11.3l, 2.75d Max	1
42	14877	(0000–0145)	Fitting, Plstc, E90, Bm12/Pm12	1
43	42133A	(0000–0145)	Fitting, Plstc, Tee, Pf12/Pf12/Pf12	1
44	24544	(0000–0145)	Fitting, Plstc, Str, Pm12/Pm12 1.60l	1
45	56186	(0000–0145)	Relay, 12vdc, 40a, Spdt N/O	1
46	09739	(0000–0145)	Nut, Hex, Lock, M5 X 0.8, NI, Ss	1

Fig. 10 – FaST Air Pump and Detergent Group (0000-0145)

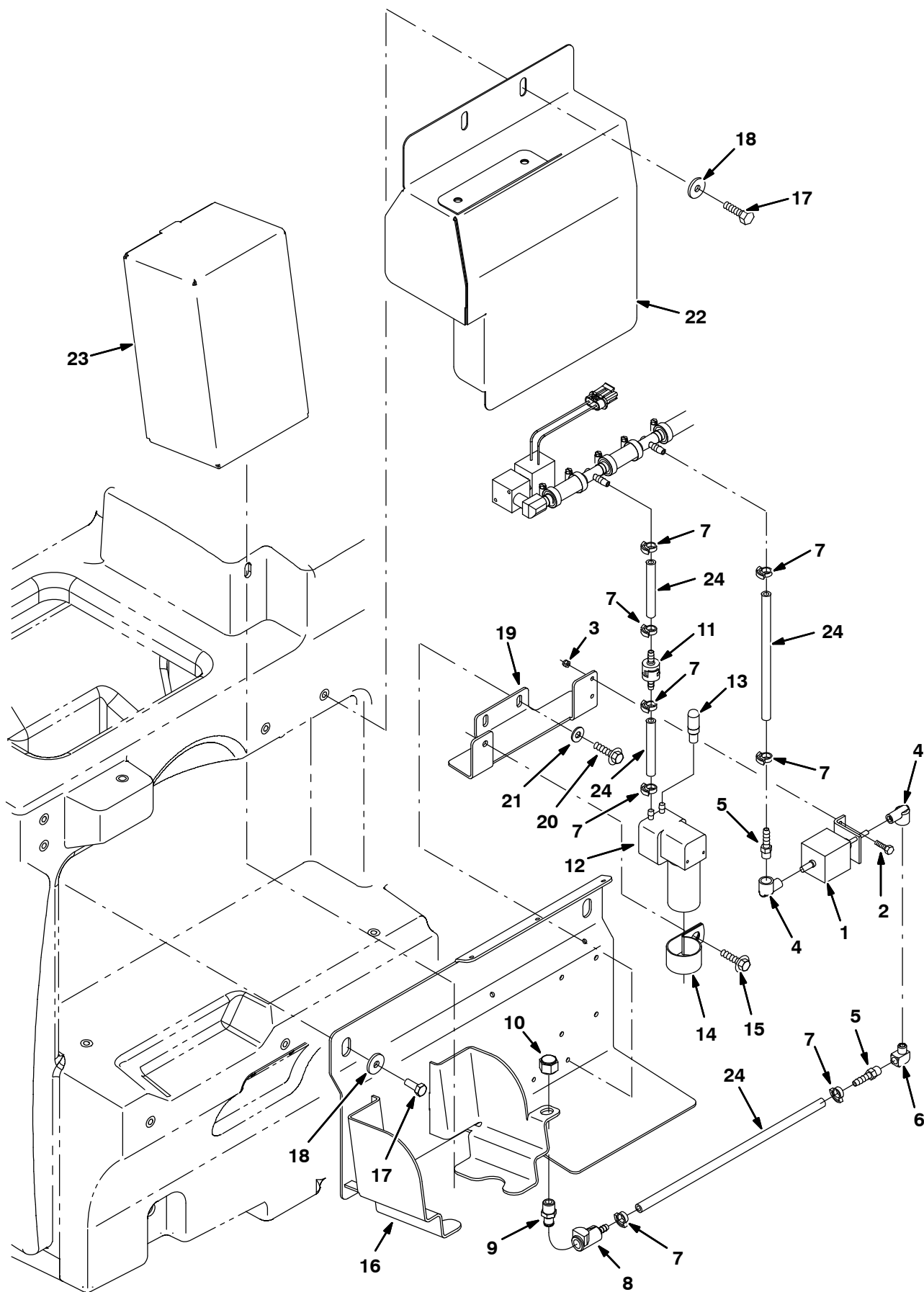


Fig. 10 – FaST Air Pump and Detergent Group (0000–0145)

Ref.	Part No.	Serial Number	Description	Qty.
1	1018097	(0000–0145	) Pump, Detgt, 12vdc	1
2	09206	(0000–0145	) Screw, Hex, M4 X 0.7 X 12, 8.8	2
3	02850	(0000–0145	) Nut, Hex, Lock, M4 X 0.7, NI	2
4	1014082	(0000–0145	) Fitting, Brs, E90, Cf03/Pf02	2
5	150525	(0000–0145	) Fitting, Brs, Str, Bm04/Pm02	2
6	11984	(0000–0145	) Fitting, Pipe, E90, Pf02/Pm02	1
7	1014575	(0000–0145	) Clamp, Hose, Plstc .351–.394 Id	8
8	1002898	(0000–0145	) Fitting, Plstc, Str, Bm04, Cplg, Fem	1
9	1002899	(0000–0145	) Fitting, Plstc, Str, Pm04, Cplg, Mal	1
10	1005435	(0000–0145	) Fitting, Plstc, Pipe, Cap, Pf04	1
11	1013902	(0000–0145	) Valve, Check, 0002psi Bm04/Bm04	1
12	1018780	(0000–0145	) Pump, Air, Ele, 12vdc	1
13	1005255	(0000–0145	) Filter Assy, Air, Mold, Ure	1
14	53466	(0000–0145	) Clamp, Cable, Stl, 1.50d X 1.00w, 1h	1
15	76099	(0000–0145	) Screw, Hex, M8 X 1.25 X 25, Fmg	1
16	1026067	(0000–0145	) Bracket Wldt, Mtg [FaST]	1
17	09740	(0000–0145	) Screw, Hex, M8 X 1.25 X 20, Ss	4
18	1017218	(0000–0145	) Washer, Flat, 0.32b 1.00d .12, Ss	4
19	1029118	(0000–0145	) Bracket, Mtg [FaST]	1
20	361339	(0000–0145	) Screw, Hex, M6 X 1.0 X 16, Fmg	2
21	32490	(0000–0145	) Washer, Flat, 0.25 Std	2
22	1033297	(0000–0145	) Cover Wldt [FaST]	1
23	1017022	(0000–0145	) Detergent Pkg, 2 Liter, Sgl [665]	1
24	1006415	(0000–0145	) Hose, Afrmkt, Pvc, Clr 0.25id 03ft	1

Fig. 11 – FaST Foam Filter Group (0000-0145)

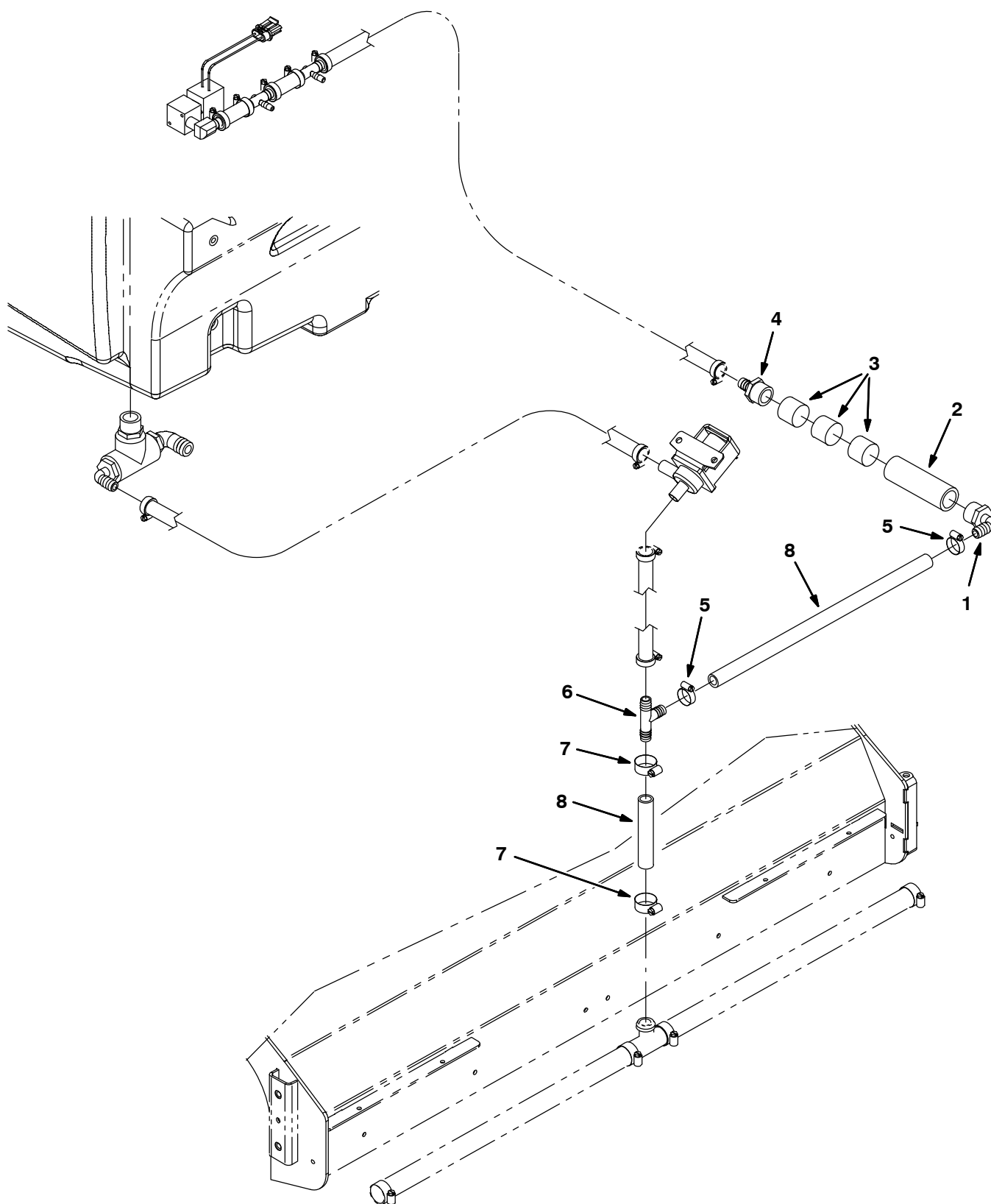


Fig. 11 – FaST Foam Filter Group (0000–0145)

Ref.	Part No.	Serial Number	Description	Qty.
1	1005552	(0000–0145	) Fitting, Plstc, E90, Bm08/Pm12, Nyl	1
2	1005086	(0000–0145	) Tube, Pvc, Clr, 4.0l [Shc80]	1
3	1002789	(0000–0145	) Filter, Foam, Rbr, 1.20d, 1.0l	3
4	79273–1	(0000–0145	) Fitting, Plstc, Str, Bm08/Pm12	1
5	54333	(0000–0145	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
6	385644	(0000–0145	) Fitting, Plstc, Tee, Bm08/Bm12/Bm12, Br	1
7	63810	(0000–0145	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2
8	1011521	(0000–0145	) Hose, Afmkt, Pvc, Brd 0.50id 02ft	1

Fig. 12 – FaST Foam Filter Group, Side Brush (0000-0145)

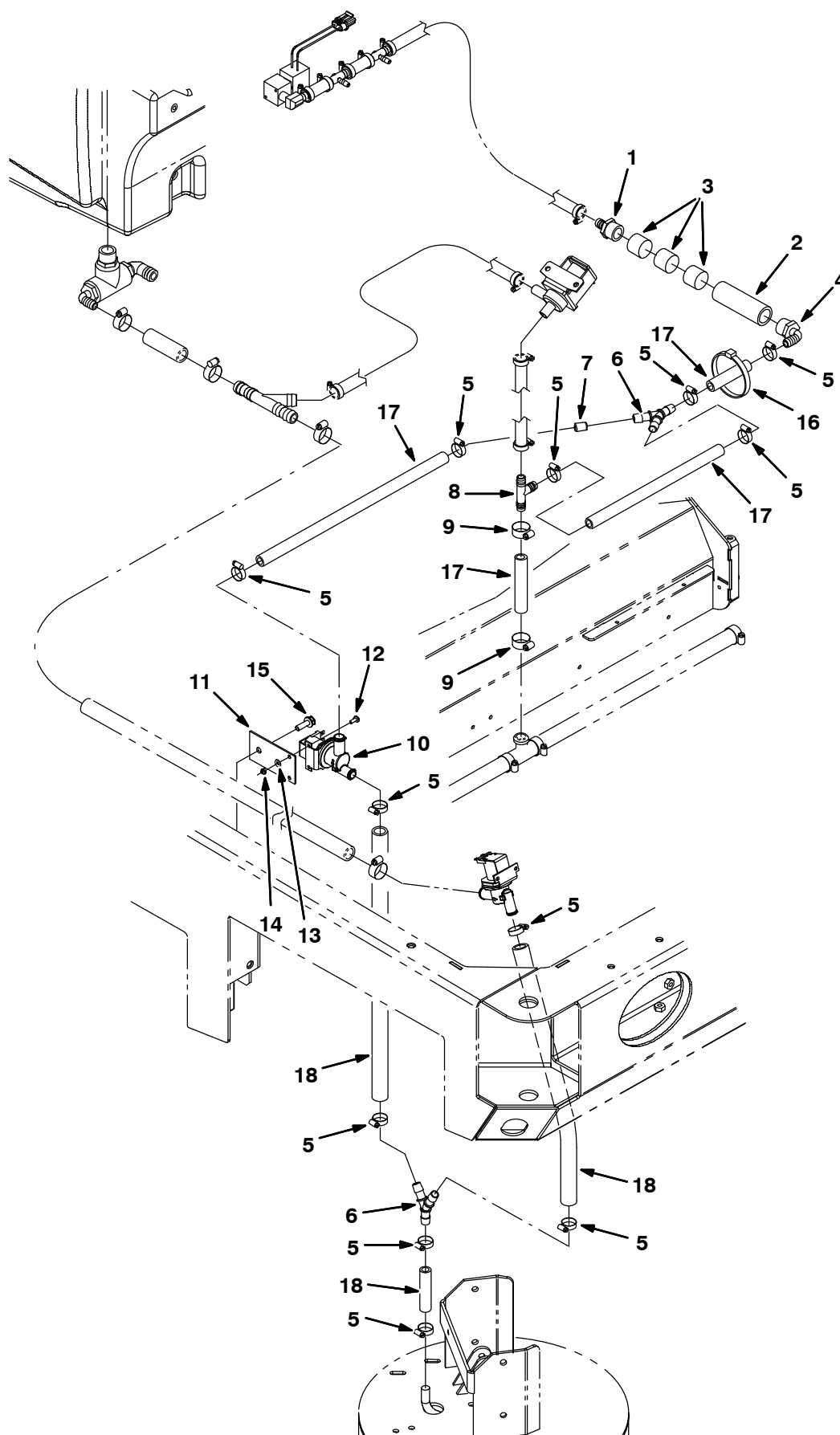


Fig. 12 – FaST Foam Filter Group, Side Brush (0000–0145)

Ref.	Part No.	Serial Number	Description	Qty.
1	79273–1	(0000–0145	) Fitting, Plstc, Str, Bm08/Pm12	1
2	1005086	(0000–0145	) Tube, Pvc, Clr, 4.0l [Shc80]	1
3	1002789	(0000–0145	) Filter, Foam, Rbr, 1.20d, 1.0l	3
4	1005552	(0000–0145	) Fitting, Plstc, E90, Bm08/Pm12, Nyl	1
5	54333	(0000–0145	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	10
6	1010668	(0000–0145	) Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	2
7	1018333	(0000–0145	) Fitting, Plstc, Rst, .50od /.13id	1
8	385644	(0000–0145	) Fitting, Plstc, Tee, Bm08/Bm12/Bm12, Br	1
9	63810	(0000–0145	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2
10	1037825	(0000–0145	) Valve, Solenoid, 12vdc, Water Flow	1
11	1030511	(0000–0145	) Plate, Mtg, Valve	11
12	09200	(0000–0145	) Screw, Pan, M5 X 0.8 X 12, Ss	2
13	01683	(0000–0145	) Washer, Flat, #10, Ss	2
14	09739	(0000–0145	) Nut, Hex, Lock, M5 X 0.8, NI, Ss	2
15	76099	(0000–0145	) Screw, Hex, M8 X 1.25 X 25, Fmg	1
16	763116	(0000–0145	) Tie, Cable, Nyl, 15.3l . W 4.5 Max D	1
17	1011412	(0000–0145	) Hose, Afmkt, Pvc, Brd 0.50id 08ft	1
18	1015067	(0000–0145	) Hose, Afmkt, Pvc, Clr 0.50id 08ft	1

Fig. 13 – FaST Wire Harness Group (0000–0145)

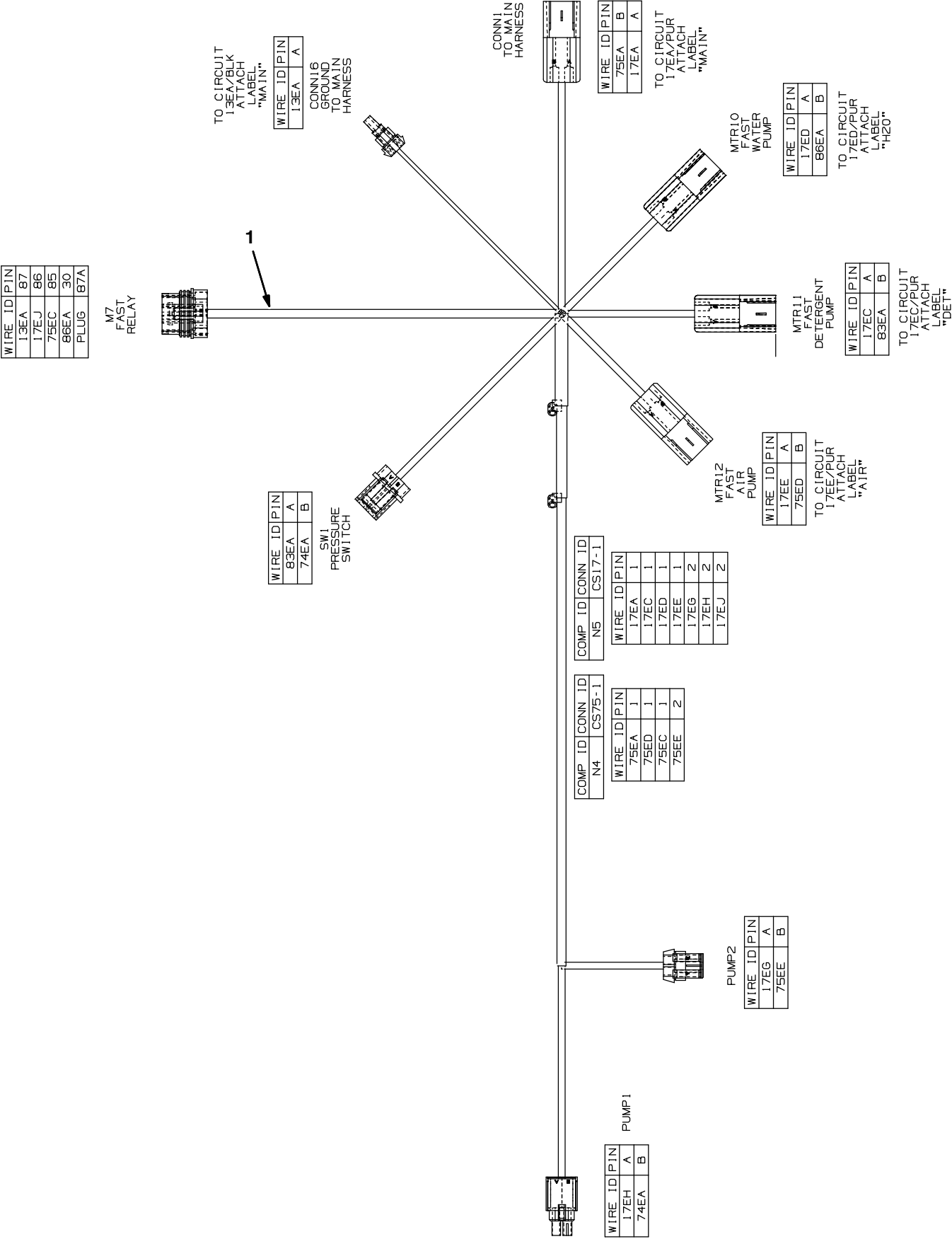


Fig. 13 – FaST Wire Harness Group (0000-0145)

Ref.	Part No.	Serial Number	Description	Qty.
1	1019646	(0000-0145	) Harness [FaST, M20 And T20]	1

Fig. 14 – FaST Pumps and Detergent Group (0146–)

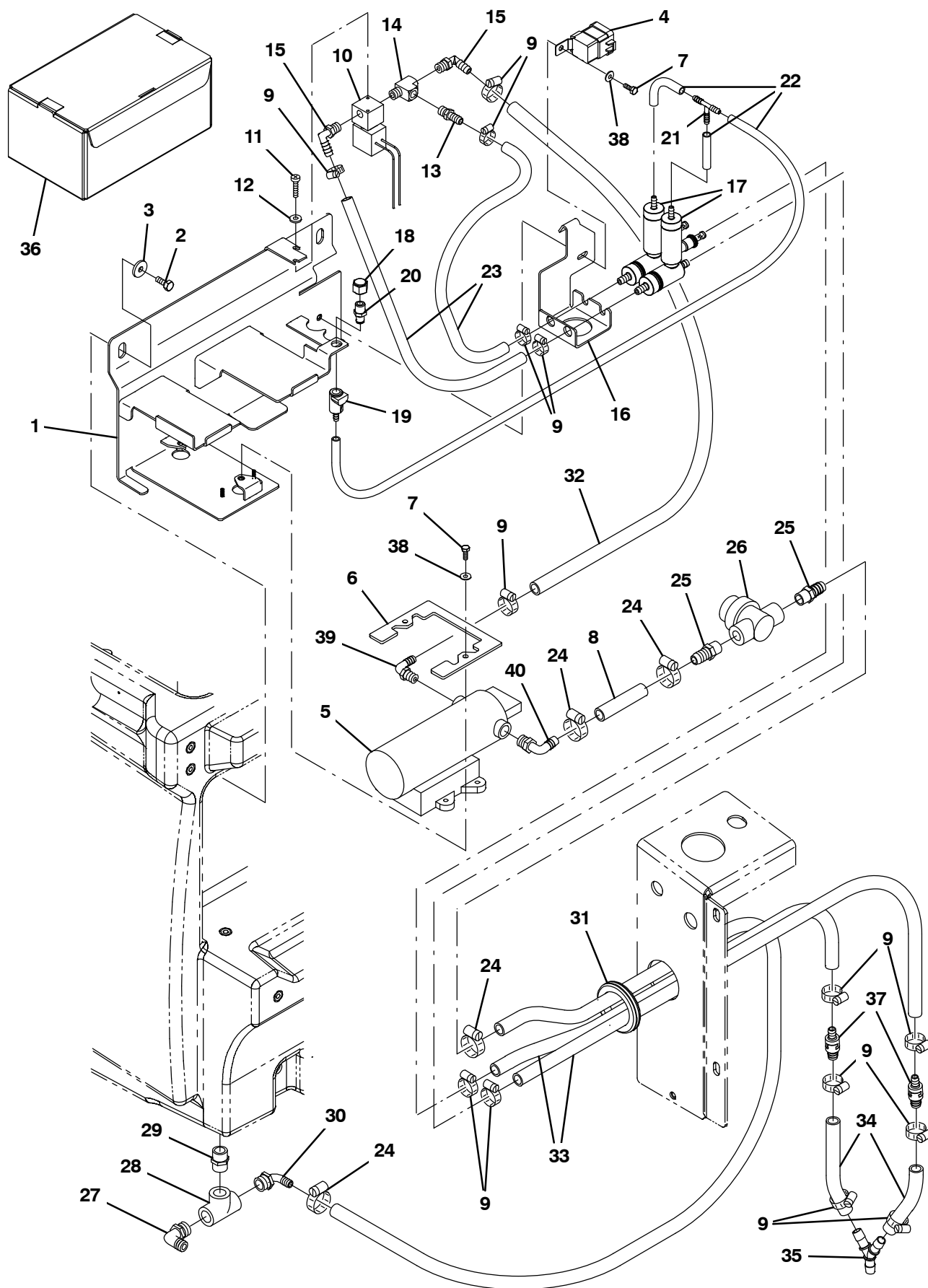


Fig. 14 – FaST Pumps and Detergent Group (0146–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1044342	(0146–)	Bracket Wldt, Mtg [FaST Gen 2+]	1
2	09740	(0146–)	Screw, Hex, M8 X 1.25 X 20, Ss	2
3	1017218	(0146–)	Washer, Flat, 0.32b 1.00d .12, Ss	2
4	56186	(0146–)	Relay, 12vdc, 040a, Spdt No	1
5	1036801	(0146–)	Pump, Soltn, 13.7vdc, 65psi [FaST li+]	1
6	1039357	(0146–)	Bracket, Retainer, Pump	1
7	15678	(0146–)	Screw, Hex, M6 X 1.00 X 16, Ss	3
8	1011403	(0146–)	Hose, Afmkt, Pvc, Brd, 0.50ld, 01Ft, Clr	1
9	43844	(0146–)	Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	14
10	1018098	(0146–)	Valve, Water, Solenoid, 12vdc 6.0mm Pf04	1
11	09200	(0146–)	Screw, Pan, Phl, M5 X 0.80 X 12, Ss	2
12	01683	(0146–)	Washer, Flat, 10, Ss	2
13	150540	(0146–)	Fitting, Plstc, Str, Bm06/Pm04	1
14	24929	(0146–)	Fitting, Brs, Tee, Pm04/Pf04/Pf04, Run	1
15	57248	(0146–)	Fitting, Plstc, E90, Bm06/Pm04, Nyl	2
16	1044343	(0146–)	Bracket, Mtg [FaST Gen 2+]	1
17	9008868	(0146–)	FaST Kit, Injector [M20/T20/M30 FaST III] (See Breakdowns)	2
18	1005435	(0146–)	Fitting, Plstc, Pipe, Cap, Pf04	1
19	1002898	(0146–)	Fitting, Plstc, Str, Bm04, Cplg, Fem	1
20	1002899	(0146–)	Fitting, Plstc, Str, Pm04, Cplg, Mal	2
21	150713	(0146–)	Fitting, Plstc, Tee, Bm04/Bm04/Bm04	1
22	1014986	(0146–)	Hose, Afmkt, Pvc, Clr, 0.25id, 02ft	1
23	1006416	(0146–)	Hose, Afmkt, Pvc, Clr, 0.38id, 03ft	1
24	54333	(0146–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	8
25	150538	(0146–)	Fitting, Plstc, Str, Bm06/Pm06	2
26	1005302	(0146–)	Filter, In-Line, Pf06/Pf06 080mesh 02.6l	1
27	14877	(0146–0821)	Fitting, Plstc, E90, Bm12/Pm12	1
27	73468	(0822–)	Fitting, Plstc, E90, Bm10/Pm12	1
28	42133A	(0146–)	Fitting, Plstc, Tee, Pf12/Pf12/Pf12	1
29	24544	(0146–)	Fitting, Plstc, Str, Pm12/Pm12 1.60l	1
30	1005552	(0146–)	Fitting, Plstc, E90, Bm08/Pm12, Nyl	1
31	10632–19	(0146–)	Grommet, Rbr, 2.13id, F/2.5h, .12 Matl	1
32	1006400	(0146–)	Hose, Afmkt, Pvc, Brd, 0.38id, 03ft, Clr	1
33	1024237	(0146–)	Hose, Afmkt, Pvc, Wir, 0.50id, 03ft, Clr	1
34	1014929	(0146–)	Hose, Afmkt, Pvc, Clr, 0.38id, 01ft	1
35	1010668	(0146–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
23	1017022	(0146–)	Detergent Pkg, 2 Liter, Sgl [665]	1
37	1035794	(0146–)	Valve, Check, 0005psi Bm06/Bm08	2
38	01684	(0146–)	Washer, Flat, 0.27B 0.69D .05, Ss	3
39	1049254	(0146–)	Fitting, Nyl, Qdc, E90, Bm08/ Qm10	1
40	1049259	(0146–)	Fitting, NylY, Qdc, E90, Bm06/ Qm10	1

Fig. 15 – FaST Solution Supply Group (0146–)

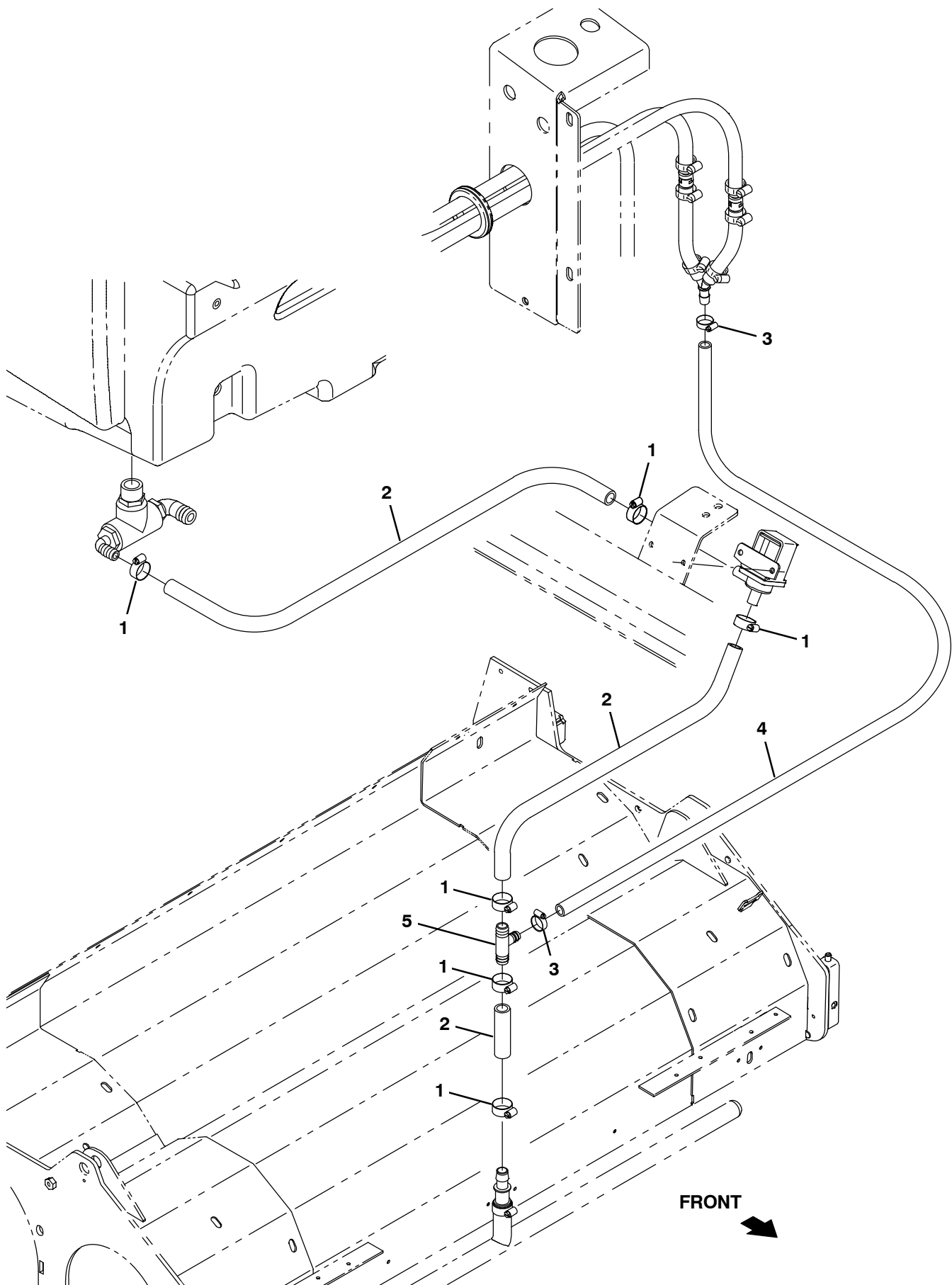


Fig. 15 – FaST Solution Supply Group (0146–)

Ref.	Part No.	Serial Number	Description	Qty.
1	63810	(0146–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	6
2	1015045	(0146–0821)	Hose, Afmkt, Pvc, Brd, 0.75id, 08ft, Clr	1
2	1015032	(0822–)	Hose, Afmkt, Pvc, Brd, 0.62id, 08ft, Clr	1
3	54333	(0146–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
4	1011412	(0146–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
5	385644	(0146–0821)	Fitting, Plstc, Tee, Bm08/Bm12/Bm12, Br	1
5	1015486	(0822–)	Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1

Fig. 16 – FaST Solution Supply Group with Side Brush (0146–)

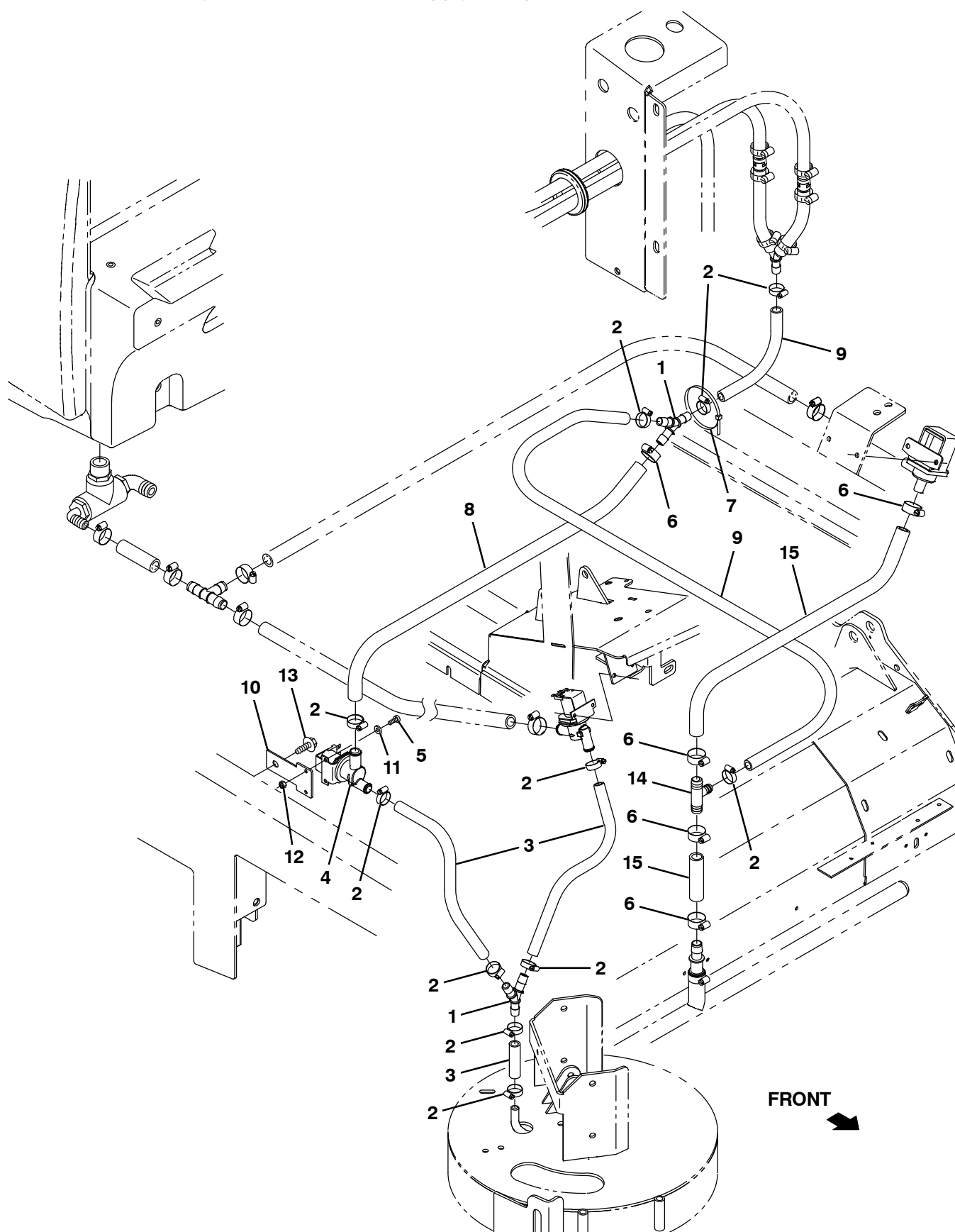


Fig. 16 – FaST Solution Supply Group with Side Brush (0146–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1010668	(0146–)	Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	2
2	54333	(0146–)	Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	11
3	1015067	(0146–)	Hose, Afmkt, Pvc, Clr, 0.50id, 08ft	1
4	1037825	(0146–)	Valve, Solenoid, 12vdc, Water Flow	1
5	09200	(0146–)	Screw, Pan, Phl, M5 X 0.80 X 12, Ss	2
6	63810	(0146–)	Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	5
7	763116	(0146–)	Tie, Cable, Nyl, 15.3l . W 4.5 Max D	1
8	31543	(0146–)	Hose, Heater, E90, 0.62id, 24.0 4.0	1
9	1011412	(0146–)	Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
10	1030511	(0146–)	Plate, Mtg, Valve	1
11	01683	(0146–)	Washer, Flat, 10, Ss	2
12	09739	(0146–)	Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
13	76099	(0146–)	Screw, Hex, M8 X 1.25 X 25, Fmg	1
14	385644	(0146–0821)	Fitting, Plstc, Tee, Bm08/Bm12/Bm12, Br	1
14	1015486	(0822–)	Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
15	1006401	(0146–0821)	Hose, Afmkt, Pvc, Brd, 0.50id, 03ft, Clr	1
15	1015026	(0822–)	Hose, Afmkt, Pvc, Brd, 0.62id, 03ft, Clr	1

Fig. 17 – FaST Wire Harness Group (0146–)

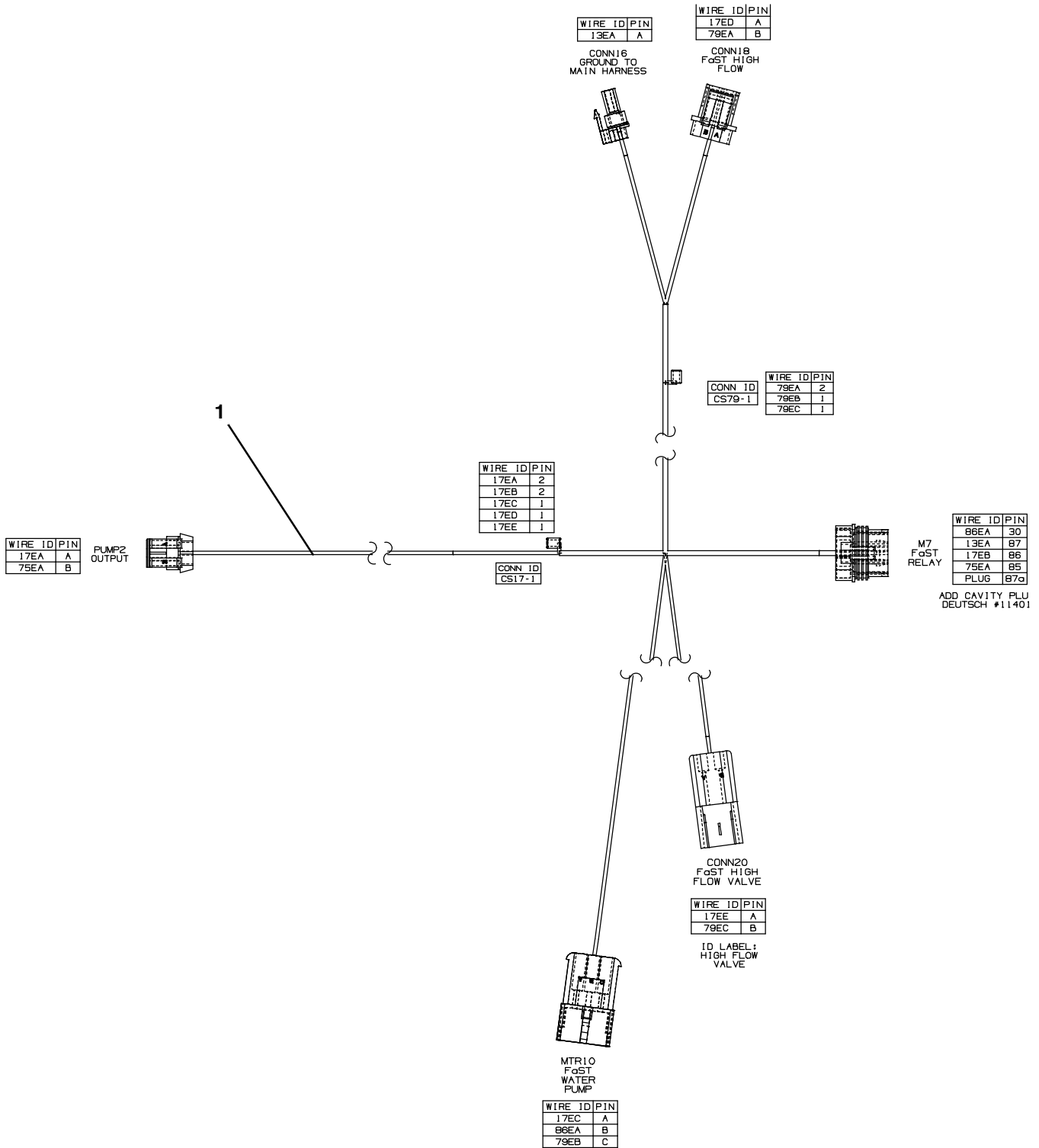


Fig. 17 – FaST Wire Harness Group (0146–)

Ref.	Part No.	Serial Number	Description	Qty.
1	1037809	(0146–)	Harness, Wire [FaST Gen 2]	1

Fig. 18 – ec-H2O Solution Pump Group

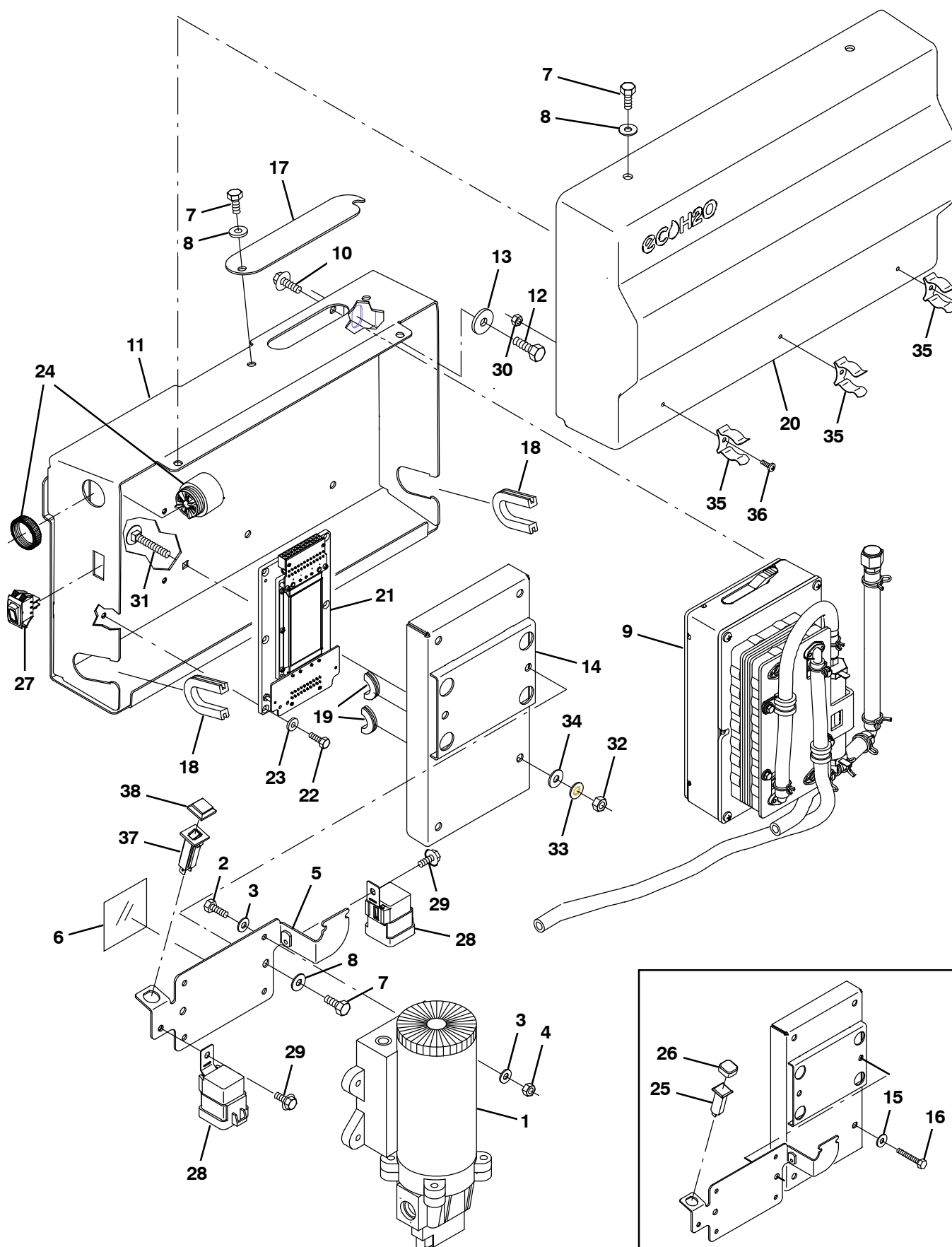


Fig. 18 – ec-H2O Solution Pump Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1060624	(0000–	) Pump, Soltn, Ele, 13.7vdc, 12/28psi	1
2	09252	(0000–	) Screw, Hex, M5 X 0.80 X 20, 8.8	4
3	19066	(0000–	) Washer, Flat, 10	8
4	06549	(0000–	) Nut, Hex, Lock, M5 X 0.80, NI	4
5	1060273	(0000–	) Plate, Mtg, Pump	1
6	1059677	(0000–	) Strip, Rbr, 0.06 03.54w 03.5l [Neo/60]	1
7	09744	(0000–	) Screw, Hex, M6 X 1.00 X 12, Ss	6
8	01684	(0000–	) Washer, Flat, 0.27b 0.69d .05, Ss	6
9	9007882	(0000–	) Module Kit, Replmt [Ec-H2O] (See Breakdowns)	1
10	1040467	(0000–	) Screw, Hex, M6 X 1.00 X 20, 9.8, Sems	4
11	1060292	(0000–	) Plate Wldt, Mtg	1
12	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	2
13	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	2
14	1060185	(0000–	) Cover Wldt, Power Supply	1
15	01684	(0000–xxxx	) Washer, Flat, 0.27b 0.69d .05, Ss	4
16	07805	(0000–xxxx	) Screw, Hex, M6 X 1.00 X 35, Ss	4
17	1060291	(0000–	) Plate, Inspection	1
18	1020168	(0000–	) Molding, Afmkt, Trim, Pvc, .08 .11, 01Ft	1
19	10632–4	(0000–	) Grommet, Rbr, 0.62id, F/0.9h, .06 Matl	1
20	1060719	(0000–	) Cover, Trimmed	1
21	1058963	(0000–	) Converter, Ele, 12–36 Vdc	1
22	09206	(0000–	) Screw, Hex, M4 X 0.70 X 12, 8.8	4
23	19065	(0000–	) Washer, Flat, 08	4
24	1052726	(0000–	) Alarm, 9–48vdc, 95 Db(A) [Ec-H2O]	1
25	1053078	(0000–0299	) Circuitbreaker, 2.0a, Resetable	1
26	1046173	(0000–0299	) Boot, Circuitbreaker	1
27	1044393	(0000–	) Switch, Rocker, Spst, Mom	1
28	56186	(0000–	) Relay, 12vdc, 040a, Spdt No	2
29	223198	(0000–	) Screw, Hex, M5 X 0.80 X 10, Fmg	2
30	33932	(0000–	) Nut, Hex, Lock, M4 X 0.70, NI, Ss	3
31	1062804	(xxxx–	) Bolt, Carriage, M06 X 1.00 X 40, 4.6	4
32	41359	(xxxx–	) Nut, Hex, Std, M6 X 1.00, 8	4
33	32982	(xxxx–	) Washer, Lock, Int, 0.25	4
34	32483	(xxxx–	) Washer, Flat, 0.25, Sae	4
35	1029057	(0000–	) Clip, Grip, Finger, 0.88–1.25d	3
36	12323	(0000–	) Screw, Pan, Phl, M4 X 0.70 X 20, Ss	3
37	1064183	(0300–	) Circuitbreaker, 02.0a, Resetable	1
38	1064191	(0300–	) Boot, Circuitbreaker	1

Fig. 19 – ec-H2O Solution Pump Supply Group

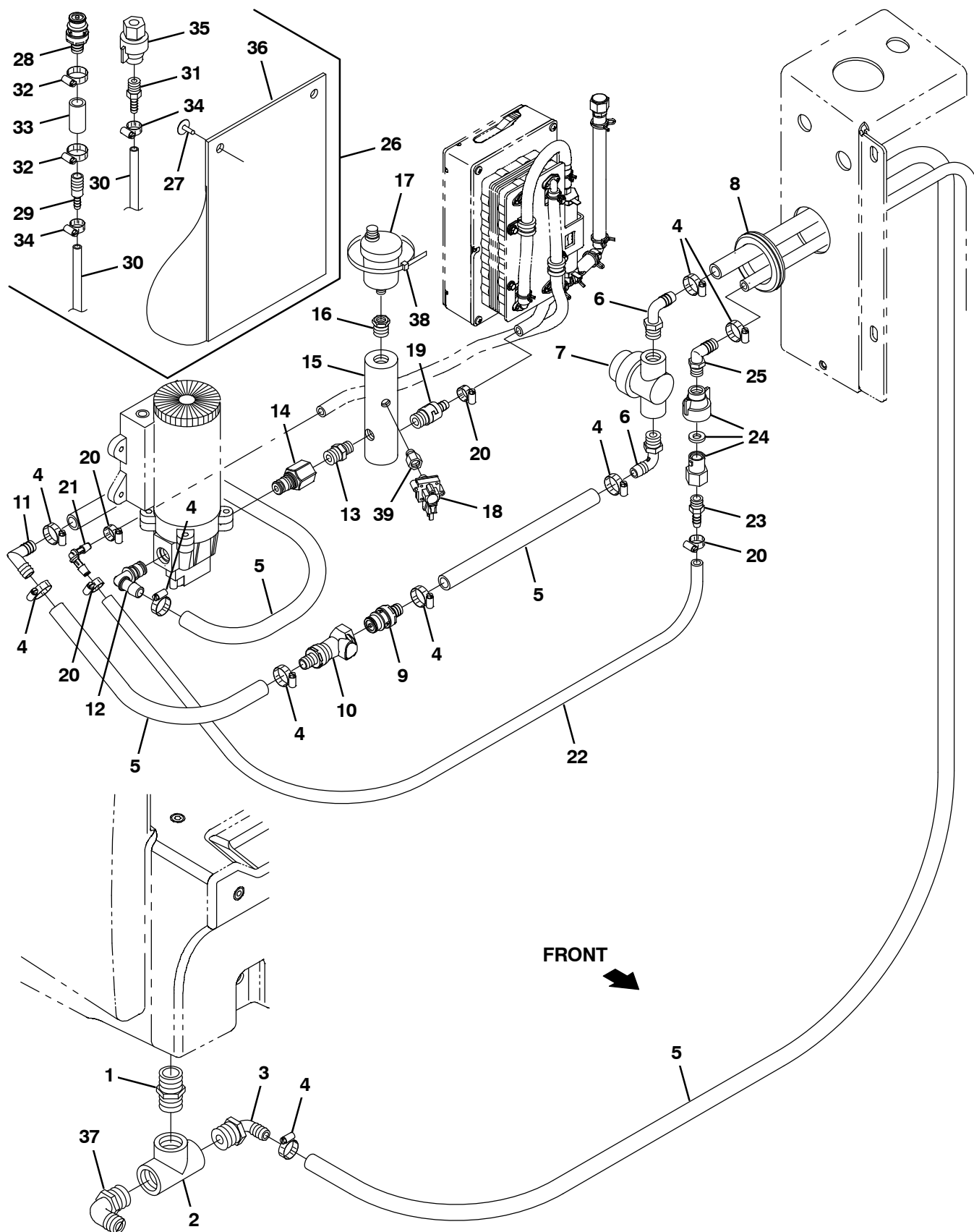


Fig. 19 – ec-H2O Solution Pump Supply Group

Ref.	Part No.	Serial Number	Description	Qty.
1	24544	(0000–	) Fitting, Plstc, Str, Pm12/Pm12 1.60l	1
2	42133A	(0000–	) Fitting, Plstc, Tee, Pf12/Pf12/Pf12	1
3	1005552	(0000–	) Fitting, Plstc, E90, Bm08/Pm12, Nyl	1
4	54333	(0000–	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	9
5	1011837	(0000–	) Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1
6	64778	(0000–	) Fitting, Plstc, E90, Bm08/Pm06	2
7	1005302	(0000–	) Filter, In-Line, Pf06/Pf06 080mesh 02.6l	1
8	10632–19	(0000–	) Grommet, Rbr, 2.13id, F/2.5h, .12 Matl	3
9	1017415	(0000–	) Insert, Cplg, Qm, Bm08	1
10	1017413	(0000–	) Housing, Cplg, Qf / Pm08	1
11	63987–1	(0000–	) Fitting, Plstc, E90, Bm08/Bm08	1
12	1049254	(0000–	) Fitting, Nyl, Qdc, E90, Bm08/ Qm10	1
13	1059372	(0000–	) Fitting, Plstc, Str, Pf06/Qm10, Pvc	1
14	1005219	(0000–	) Fitting, Plstc, Str, Pm04/Pm06, Nyl	1
15	1060596	(0000–	) Manifold, Water	1
16	24698	(0000–	) Fitting, Brs, Str, Pf02/Pm06	1
17	1017386	(0000–	) Valve, Vent, Air, Float Type	1
18	1058935	(0000–	) Switch, Press, 50 Psi, Pm02	1
19	1060693	(0000–	) Valve, Check, 0005psi Pm04/Bm06	1
20	43844	(0000–	) Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	4
21	1059391	(0000–	) Fitting, Plstc, E90, Bm05/Bm05, Nyl	1
22	1052336	(0000–	) Hose, Afmkt, PVC, Brd, 0.31ld, 03Ft, Clr	2
23	1052017	(0000–	) Fitting, Plstc, Str, Bm05/Pm04	1
24	1071280	(0000–	) Fitting Assy, Qdc, Pf04	1
25	65581	(0000–	) Fitting, Plstc, E90, Bm08/Pm04	1
▽	26	9014281	) ec-H2O Kit, Flush, Replmt[M20, M30&T20]	1
▲	27	72968	) Rivet, Plstc, .250d X 0.90	2
▲	28	1017415	) Insert, Cplg, Qm, Bm08	1
▲	29	630164	) Fitting, Plstc, Str, Bm04/Bm08	1
▲	30	1006415	) Hose, Afmkt, Pvc, Clr, 0.25id, 03ft	2
▲	31	50901	) Fitting, Plstc, Str, Bm04/Pm04	1
▲	32	54333	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
▲	33	1011403	) Hose, Afmkt, Pvc, Brd, 0.50id, 01ft, Clr	1
▲	34	43844	) Clamp, Hose, Wormdrive, 0.25–0.62d, .31w	2
▲	35	1071280	) Fitting Assy, Qdc, Pf04	1
▲	36	48790	) Pouch	1
	37	14877	) Fitting, Plstc, E90, Bm12/Pm12	1
	37	73468	) Fitting, Plstc, E90, Bm10/Pm12	1
	38	49266	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	1
	39	1062403	) Fitting, Brs, Snubber, Pm02/Pf02	1

Fig. 20 – ec-H2O Solution Supply Group

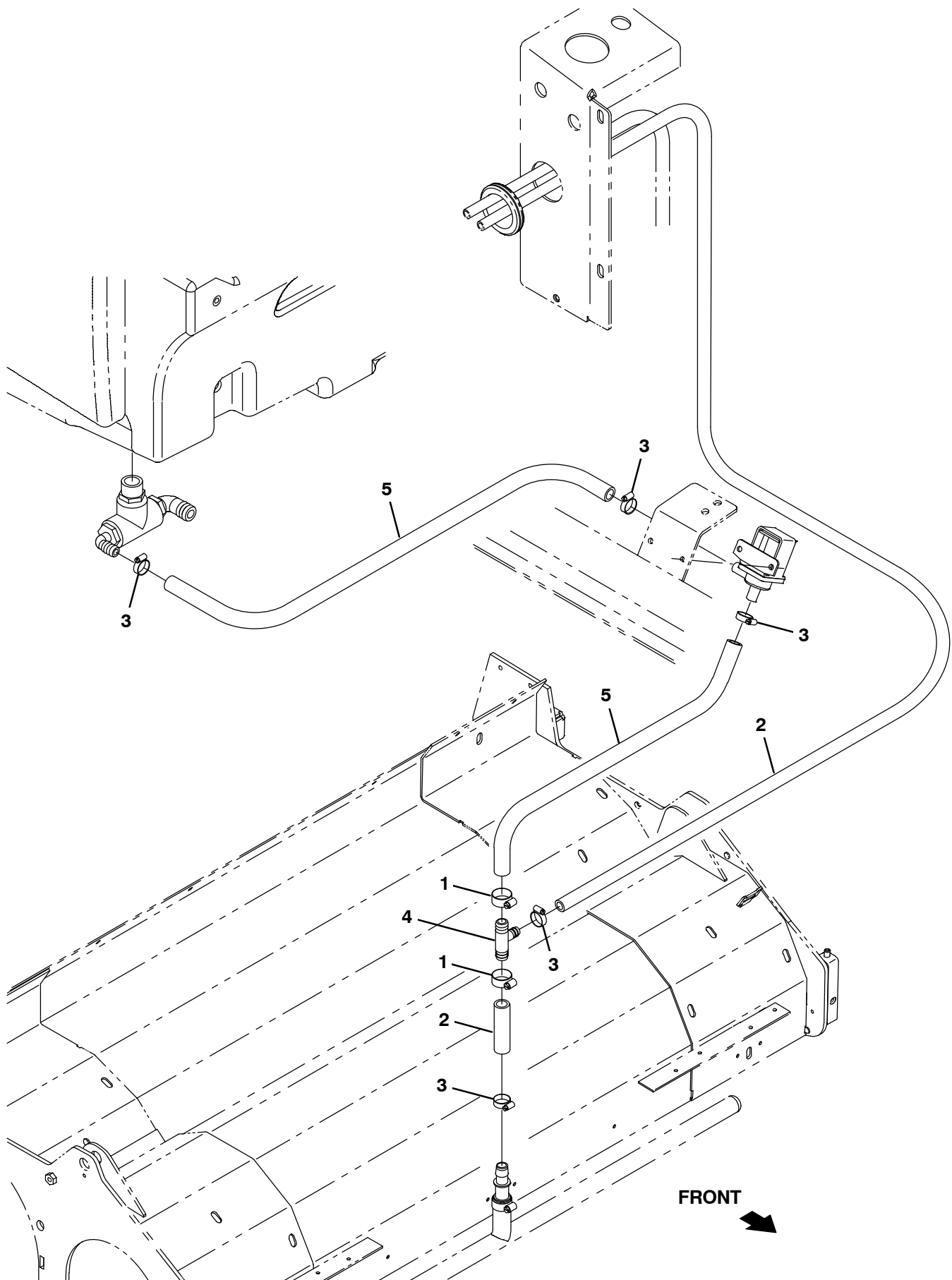


Fig. 20 – ec-H2O Solution Supply Group

Ref.	Part No.	Serial Number	Description	Qty.
1	63810	(0000–	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2
2	1011837	(0000–	) Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr	1
3	54333	(0000–	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	5
4	385644	(0000–0821	) Fitting, Plstc, Tee, Bm08/Bm12/Bm12, Br	1
4	1015486	(0822–	) Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
5	1015045	(0000–0821	) Hose, Afmkt, Pvc, Brd, 0.75id, 08ft, Clr	1
5	1015032	(0822–	) Hose, Afmkt, Pvc, Brd, 0.62id, 08ft, Clr	1

Fig. 21 – ec-H2O Solution Supply Group with Side Brush

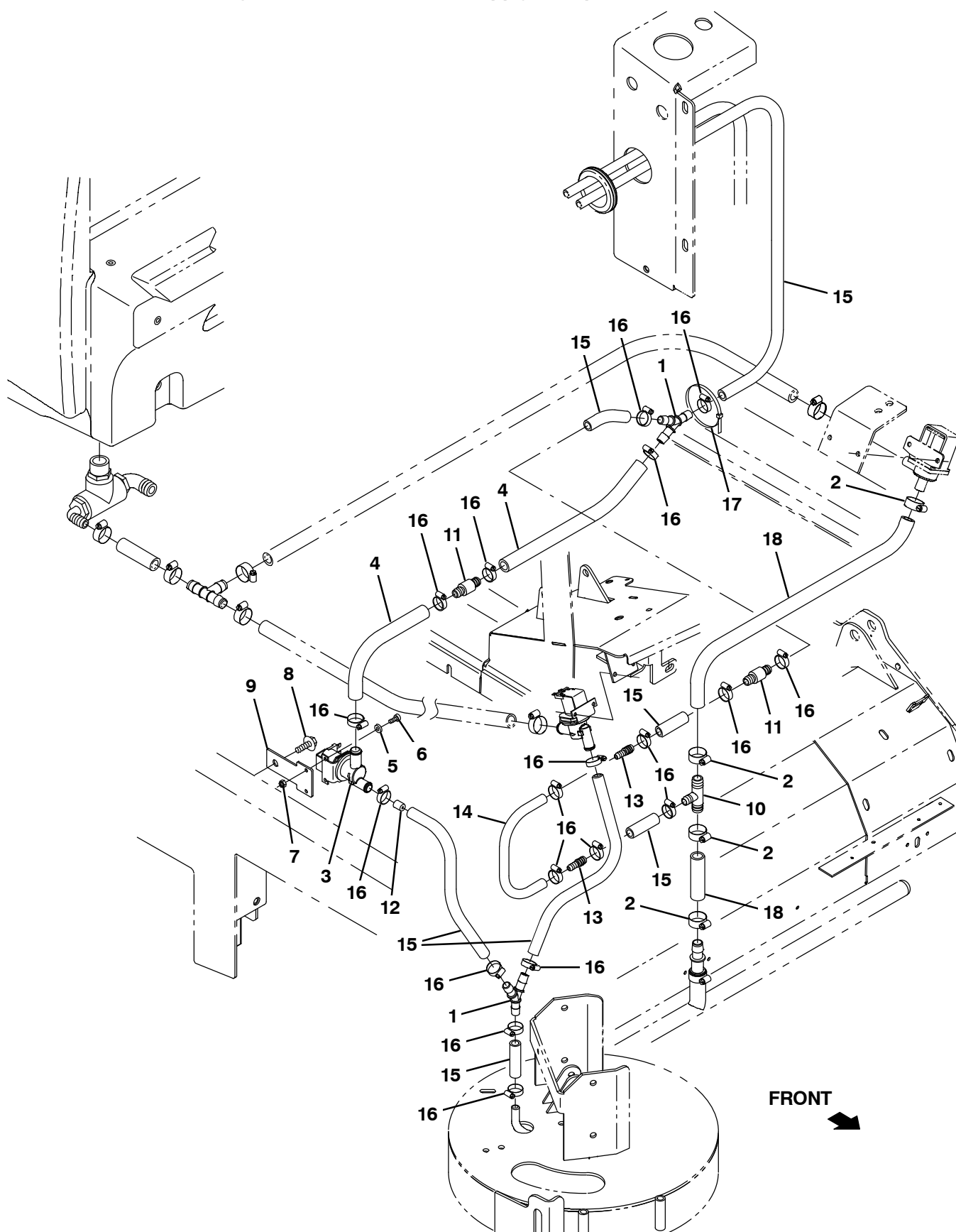


Fig. 21 – ec-H2O Solution Supply Group with Side Brush

Ref.	Part No.	Serial Number	Description	Qty.
1	1010668	(0000–	) Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl	1
2	63810	(0000–	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	2
3	1037825	(0000–	) Valve Assy, Water, Solenoid, 12vdc	1
4	31543	(0000–	) Hose, Heater, E90, 0.62id, 24.0 4.0	1
5	01683	(0000–	) Washer, Flat, 10, Ss	2
6	24196	(0000–	) Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
7	09739	(0000–	) Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
8	76099	(0000–	) Screw, Hex, M8 X 1.25 X 25, Fmg	1
9	1030511	(0000–	) Plate, Mtg, Valve	1
10	385644	(0000–0821	) Fitting, Plstc, Tee, Bm08/Bm12/Bm12, Br	1
10	1015486	(0822–	) Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
11	1010614	(0000–	) Valve, Check, 2gpm .5psi Bm08/Bm08	2
12	1061045	(0000–	) Plug, Restrictor	1
13	222375	(0000–	) Fitting, Plstc, Str, Bm06/Bm08	2
14	1014974	(0000–	) Hose, Afmkt, Pvc, Brd, 0.38id, 02ft, Clr	1
15	1011412	(0000–	) Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr	1
16	54333	(0000–	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	18
17	763116	(0000–	) Tie, Cable, Nyl, 15.3l . W 4.5 Max D	1
18	1015026	(0000–	) Hose, Afmkt, Pvc, Brd, 0.62id, 03ft, Clr	1

Fig. 22 – ec-H2O Wire Harnesses Group

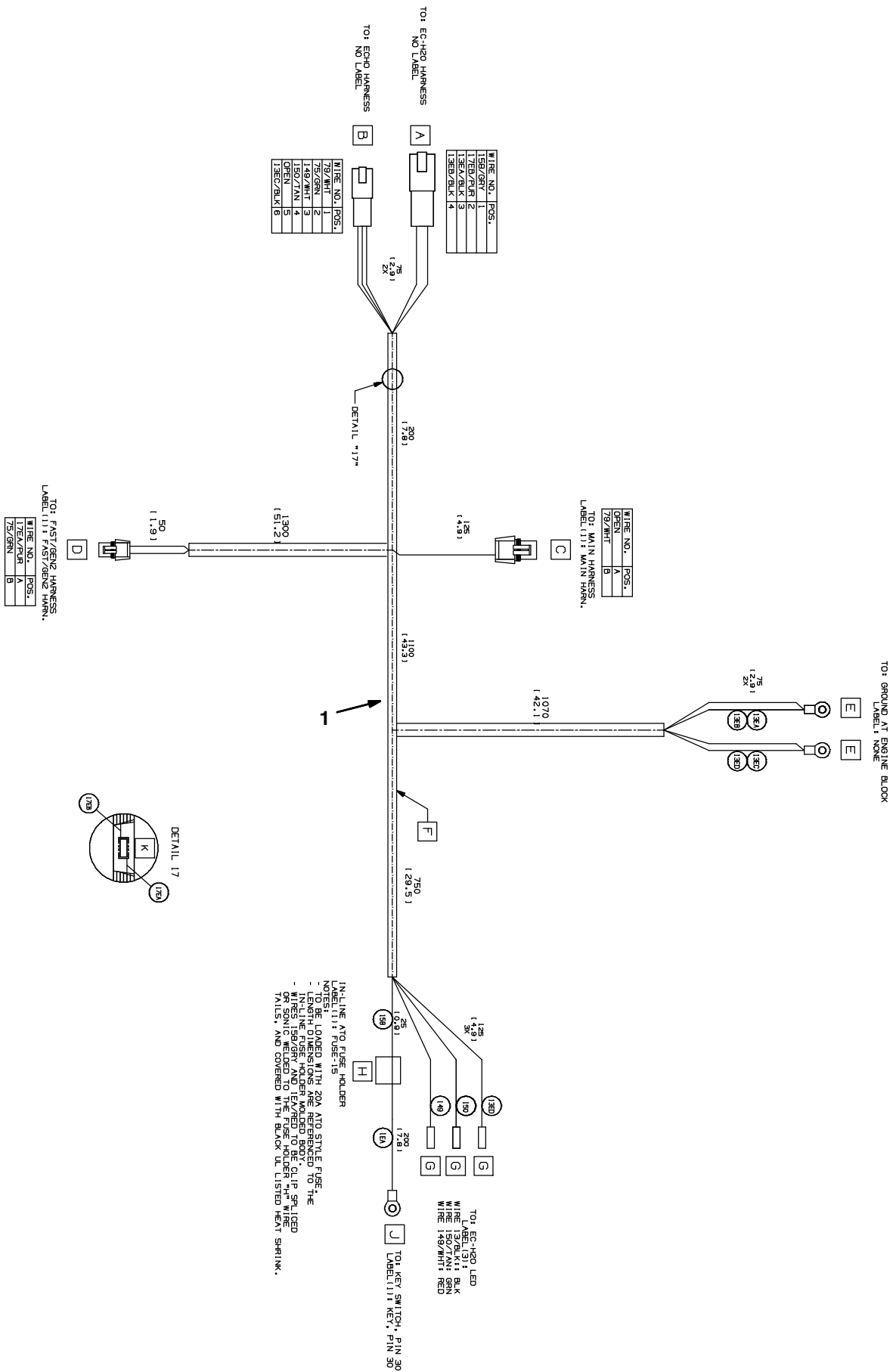


Fig. 22 – ec-H20 Wire Harnesses Group

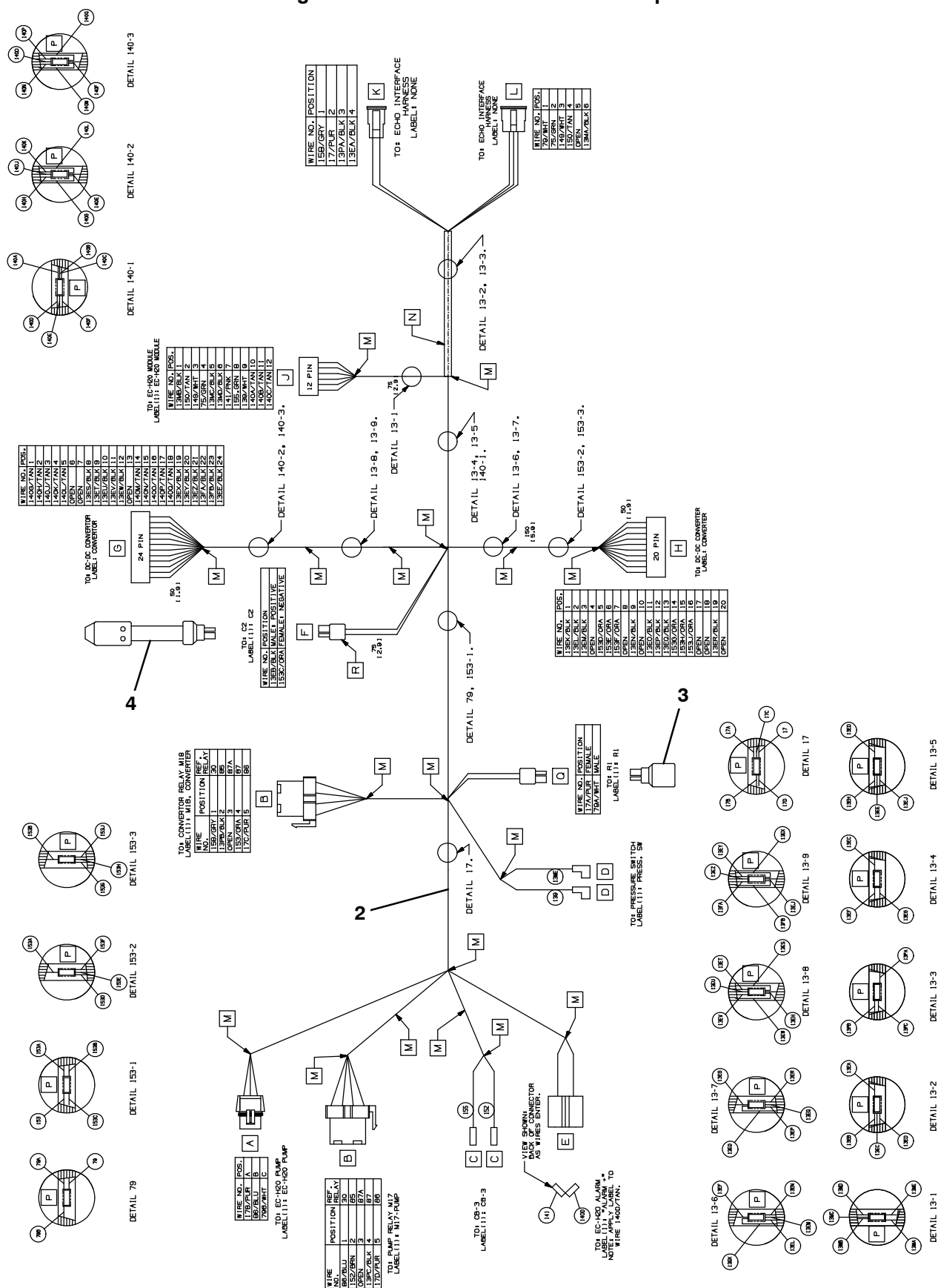
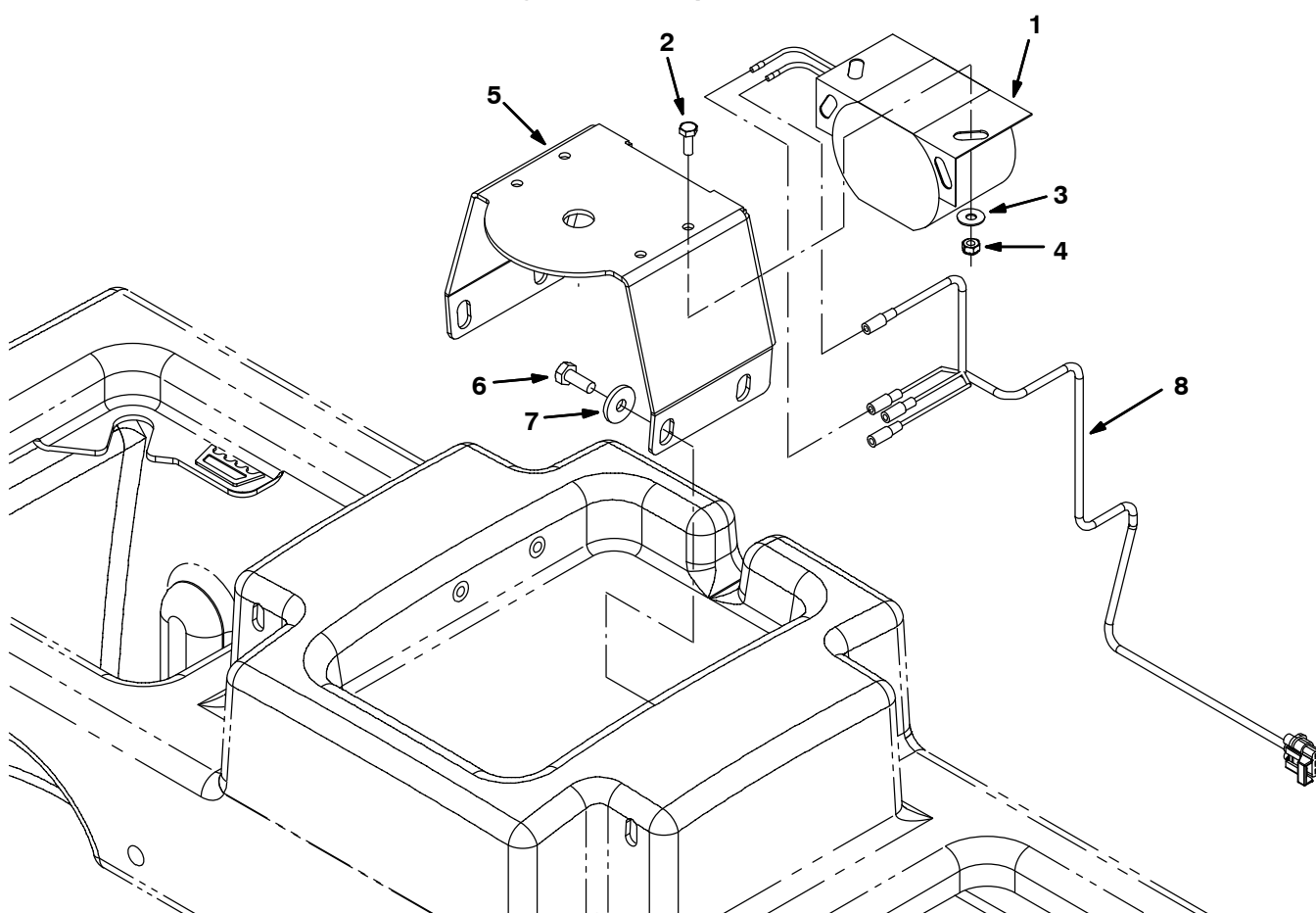


Fig. 22 – ec-H20 Wire Harnesses Group

Ref.	Part No.	Serial Number	Description	Qty.
1	1071947	(0000–	) Harness, Wire [Ec-H2o, Mako, 2.0l & Dsl]	1
2	1060871	(0000–	) Harness, Wire [Ec-H2o]	1
3	1060880	(0000–	) Resistor, Ele, Plug [430 , 2w]	1
4	1060881	(0000–	) Capacitor, Plug [4700uf, 25v]	1

Fig. 23 – Backup Alarm Kit



354473

Ref.	Part No.	Serial Number	Description	Qty.
▽	9001321	(0000–	) Alarm Kit, Backup, Ci [M20 And T20]	1
▲	1 9007131	(0000–	) Alarm Assy, Backup, 12/48Vdc	1
▲	2 24196	(0000–	) Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
▲	3 19066	(0000–	) Washer, Flat, 10	2
▲	4 09739	(0000–	) Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
▲	5 1019445	(0000–	) Bracket, Sppt, Strobe Light	1
▲	6 09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	4
▲	7 1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	4
▲	8 1019971	(0000–	) Harness, Warning / Backup [M20 & T20]	1

Fig. 24 – Light Kit, Flashing

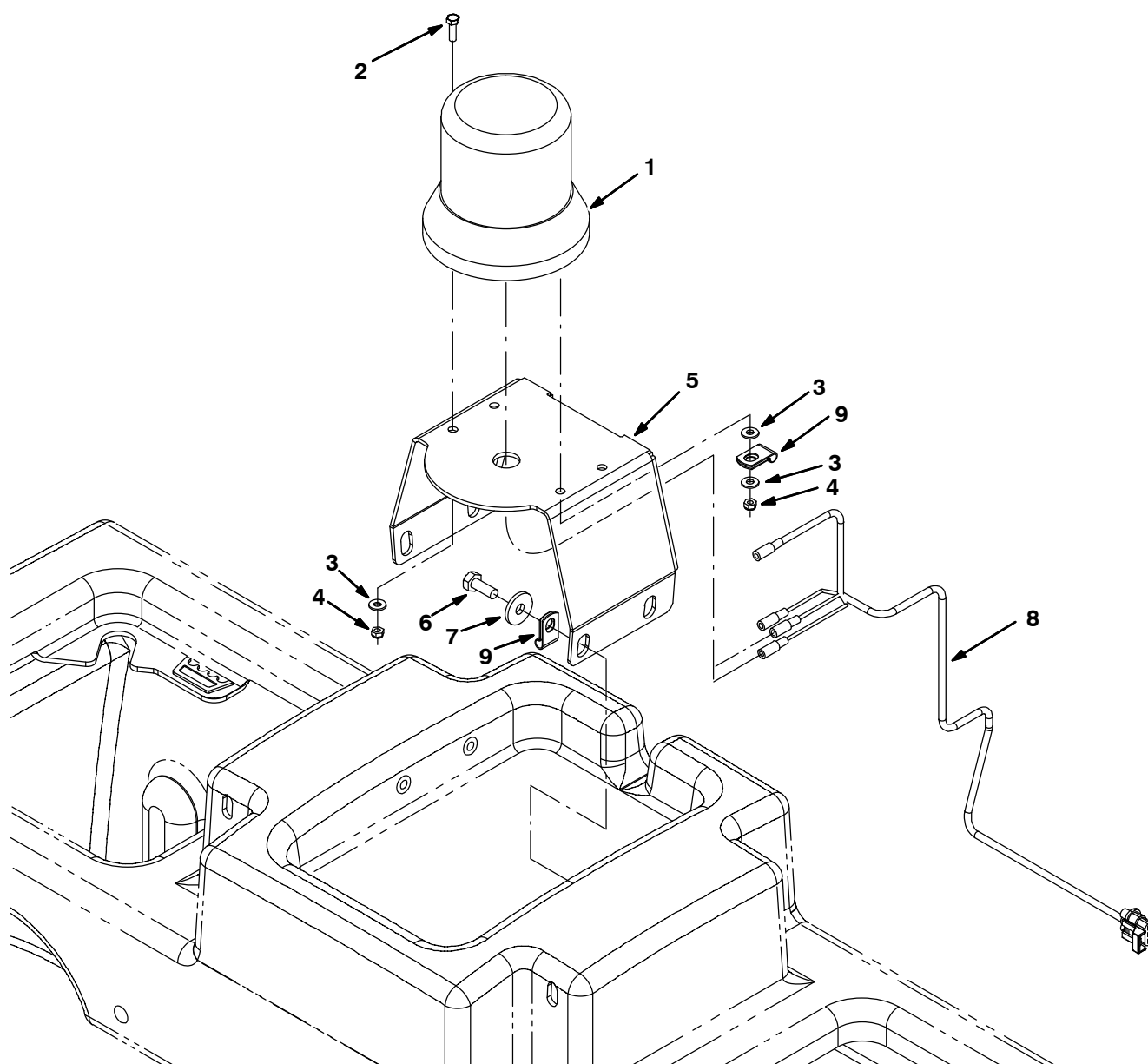


Fig. 24 – Light Kit, Flashing

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001327	(0000–	) Light Kit, Flsh, Ci [M20 And T20]	1
▲▽	1	1017248	(0000–	) Lamp, Flasher, Amb [12–48 Vdc]	1
▲▲		9000879	(0000–	) Lens, Lamp, Amb, Strobe/Flasher	1
▲▲		9000846	(0000–	) Lamp, Bulb, Lamp, Flsh	1
▲▲		1027800	(0000–	) Lens, Blue, Option, F/ Strobe / Flsh Light	1
▲▲		1027798	(0000–	) Lens, Red, Option, F/ Strobe / Flsh Light	1
▲		55272	(0000–	) Terminal, Bullet, Mal, .157d, 12ga	2
▲	2	24196	(0000–	) Screw, Pan, Phl, M5 X 0.80 X 20, Ss	2
▲	3	19066	(0000–	) Washer, Flat, 10	2
▲	4	09739	(0000–	) Nut, Hex, Lock, M5 X 0.80, NI, Ss	2
▲	5	1019445	(0000–	) Bracket, Sppt, Strobe Light	1
▲	6	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	4
▲	7	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	4
▲	8	1019971	(0000–	) Harness, Warning / Backup [M20 & T20]	1
▲	9	46236	(0000–	) Clamp, Cable, Stl, 0.25D X 0.56W, 1Hole	2

Fig. 25 – Overhead Guard Kit

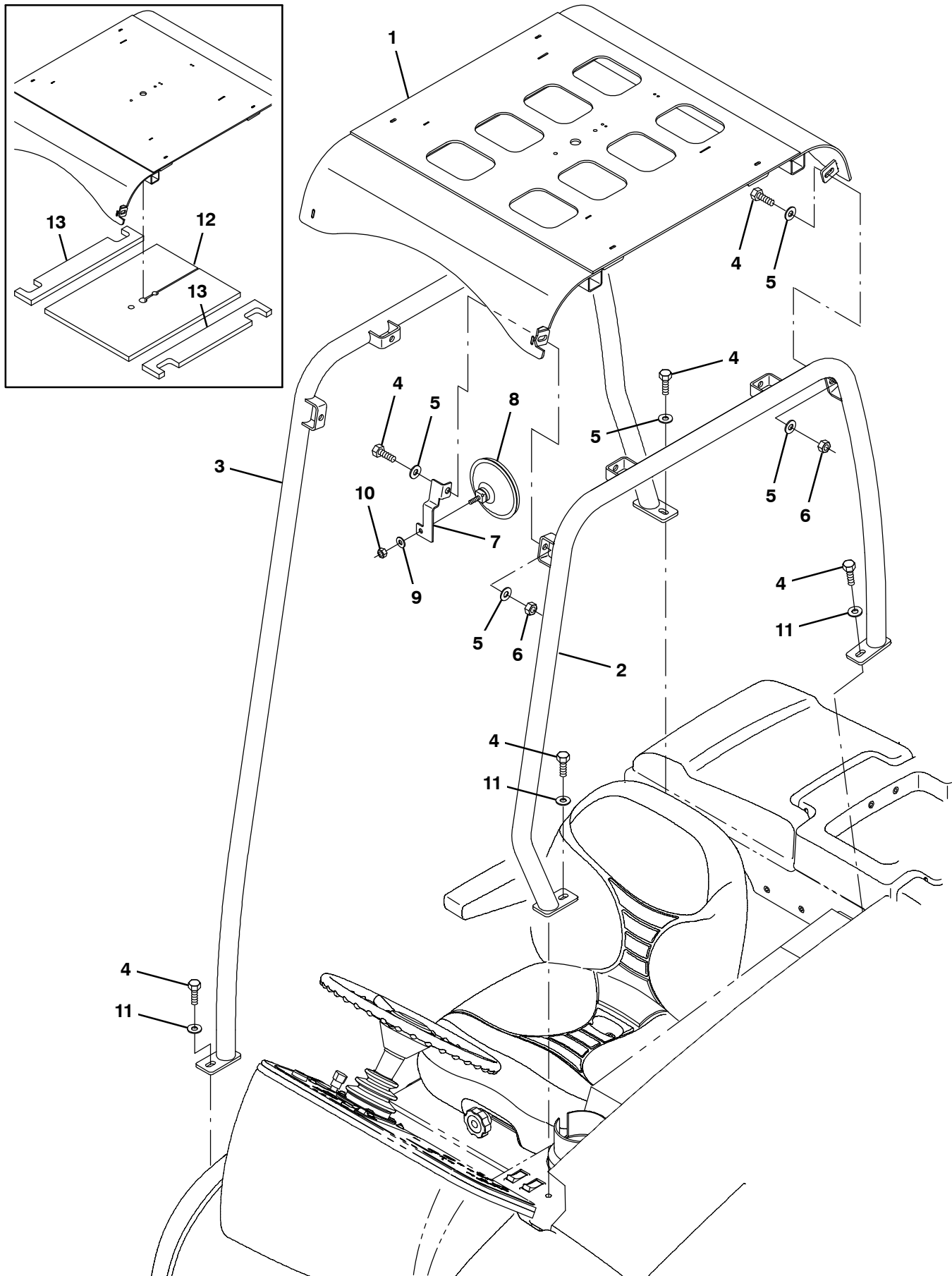


Fig. 25 – Overhead Guard Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001314	(0000–	) Ohg Kit, Ci [M20 And T20]	1
▲	1	1022276	(0000–	) Guard Wldt, Top, Ohg	1
▲	2	1065793	(0000–	) Tube Wldt, Leg, Ohg, Lh, Pntd	1
▲	3	1022266	(0000–	) Tube Wldt, Leg, Ohg, Rh, Pntd	1
▲	4	03192	(0000–	) Screw, Hex, M10 X 1.5 X 30, 8.8	12
▲	5	32492	(0000–	) Washer, Flat, 0.38 Std	17
▲	6	41430	(0000–	) Nut, Hex, Lock, M10 X 1.5, NI	8
▲	7	1023879	(0000–	) Bracket, Mtg, Mirror, Rearview	1
▲	8	1050295	(0000–	) Mirror, Convex, 0.50D	1
▲	9	32491	(0000–	) Washer, Flat, 0.31, Std	1
▲	10	19313	(0000–	) Nut, Hex, Std, .31–18	1
▲	11	1014563	(0000–	) Washer, Flat, 0.40b 1.12d .12, Ss	3
	12	1032830	(0000–0812	) Insulation	1
	13	1032831	(0000–0812	) Insulation	2

Fig. 26 – Vacuum Wand Kit (0000-xxxx)

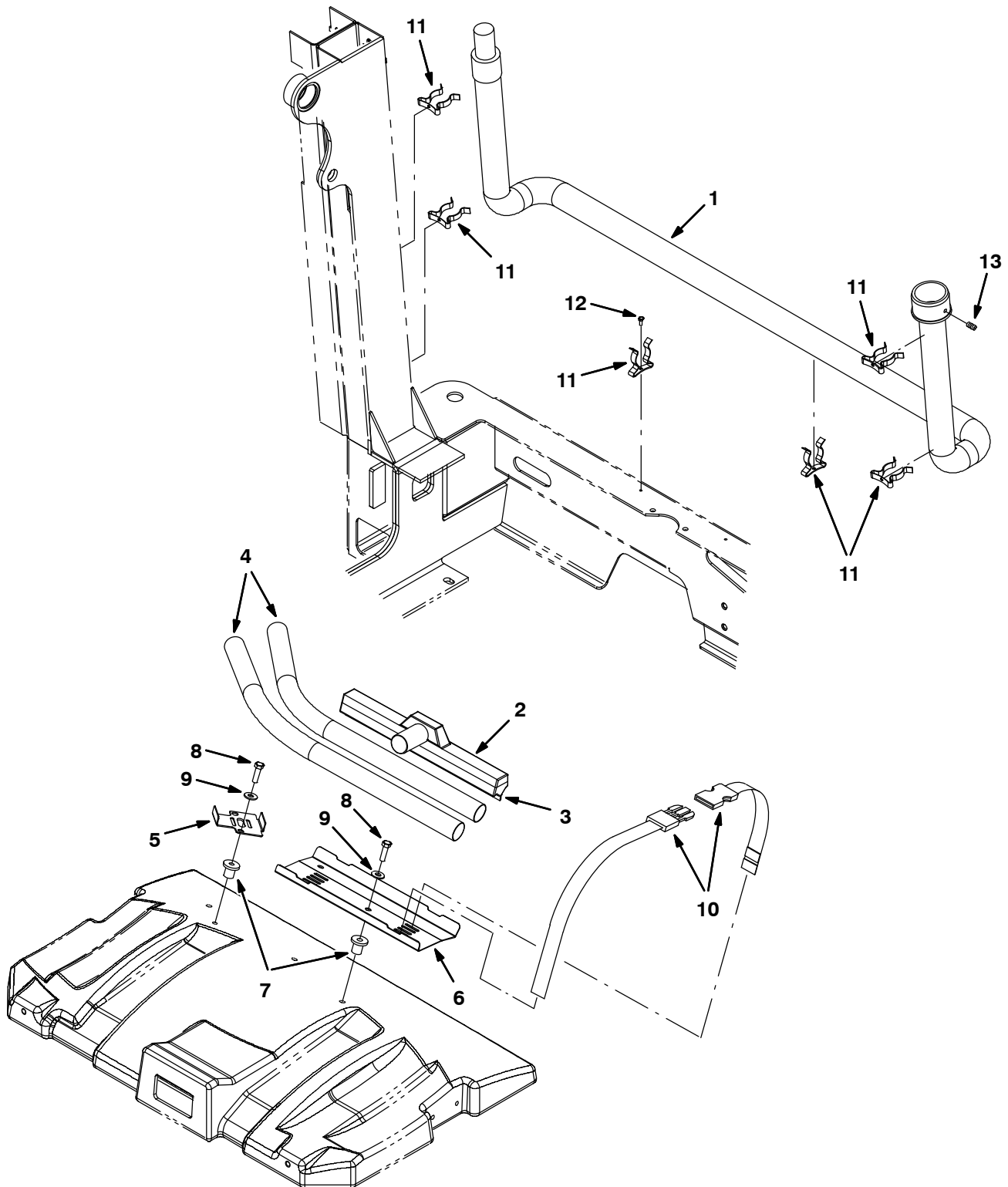


Fig. 26 – Vacuum Wand Kit (0000–xxxx)

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001334	(0000–xxxx)	) Wand Kit, Vacuum, Ci [M20]	1
▲	1	69657	(0000–xxxx)	) Hose Assy, W/2cuff, 1.5d 84l [Vacwand]	1
▲	2	63451	(0000–xxxx)	) Nozzle, Wand, Plstc, 14.0lg	1
▲	3	63430	(0000–xxxx)	) Shoe, Plstc, Sqge, 14.0	1
▲	4	63448	(0000–xxxx)	) Tube, Wand, Vacuum, Metal [1pick=1box]	1
▲	5	1030549	(0000–xxxx)	) Bracket, Mtg, Vacuum Wand	1
▲	6	1026146	(0000–xxxx)	) Plate, Mtg, Vacuum Wand	1
▲	7	397648	(0000–xxxx)	) Nut, Isolator, .38–16 Wall Th .015–.437	4
▲	8	21198	(0000–xxxx)	) Screw, Hex, .38–16 X 1.25, 5	4
▲	9	32492	(0000–xxxx)	) Washer, Flat, 0.38 Std	4
▲	10	367974	(0000–xxxx)	) Strap, Pyp, 0.07 1.0w 18.5l, W/ Buckle	3
▲	11	67004	(0000–xxxx)	) Clip, Grip, Finger, 1.00–1.88d White,Vyl	6
▲	12	55845	(0000–xxxx)	) Screw, Hex, M5 X 0.8 X 16, Fmg	6
▲	13	69659	(0000–xxxx)	) Plunger	1

Fig. 27 – Vacuum Wand Kit (xxxx-)

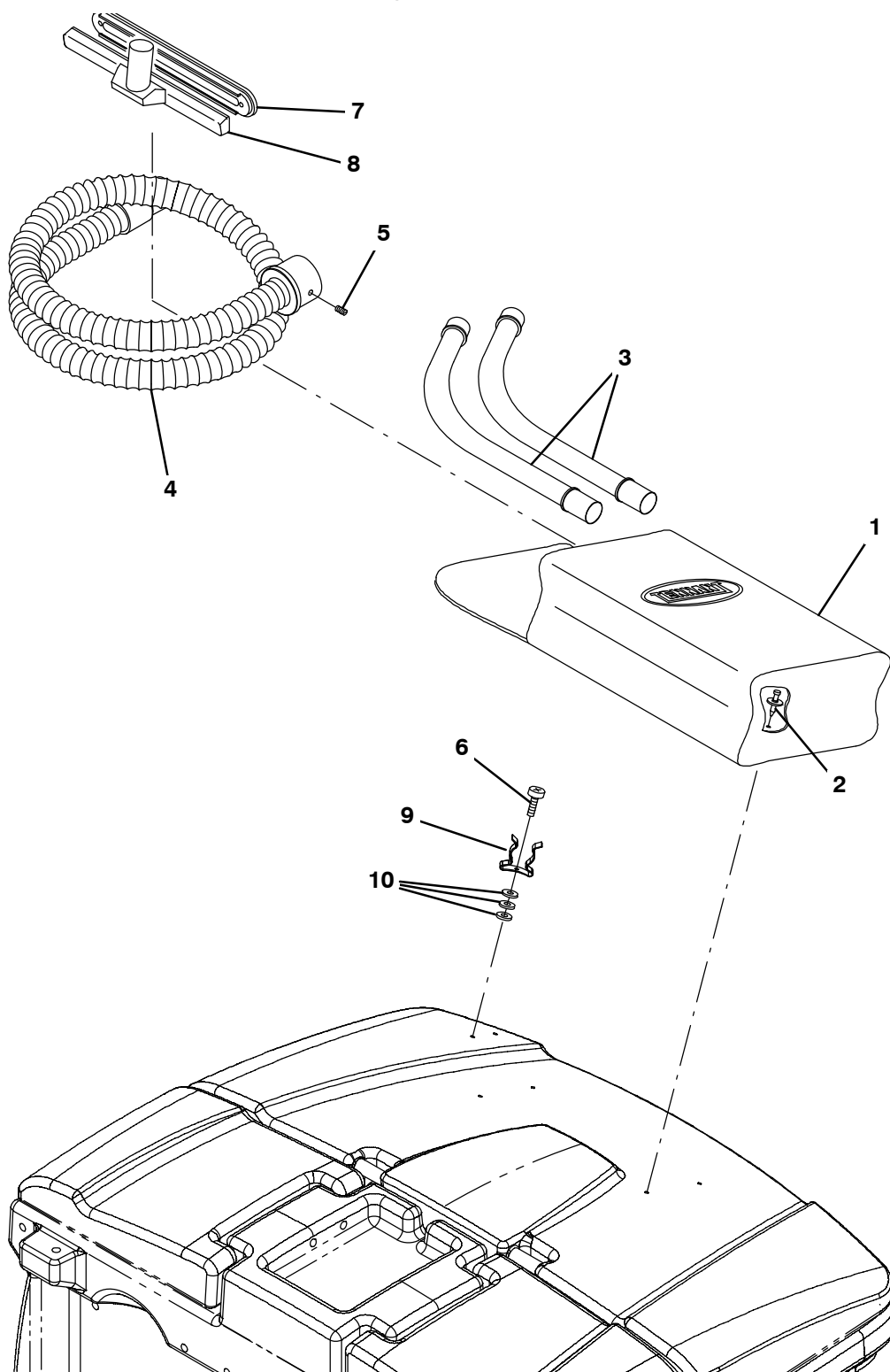


Fig. 27 – Vacuum Wand Kit (xxxx–)

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001334	(xxxx–)	Wand Kit, Vacuum, Ci [M20]	1
▲	1	65580	(xxxx–)	Bag, Power	1
▲	2	72968	(xxxx–)	Rivet, Plstc, .250d X 0.90	4
▲	3	63448	(xxxx–)	Tube, Wand, Vacuum, Metal	1
▲	4	69657	(xxxx–)	Hose Assy, W/2cuff, 1.5d 084I [Vacwand]	1
▲	5	69659	(xxxx–)	Plunger	1
▲	6	55845	(xxxx–)	Screw, Hex, M5 X 0.80 X 16, Fmg	2
▲	7	63430	(xxxx–)	Shoe, Plstc, Sqge, 14.0	1
▲	8	63451	(xxxx–)	Nozzle, Wand, Plstc, 14.0I	1
▲	9	67004	(xxxx–)	Clip, Grip, Finger, 1.00–1.88d White,Vyl	2
▲	10	19064	(xxxx–)	Washer, Flat, 06	6

Fig. 28 – Spray Nozzle Kit

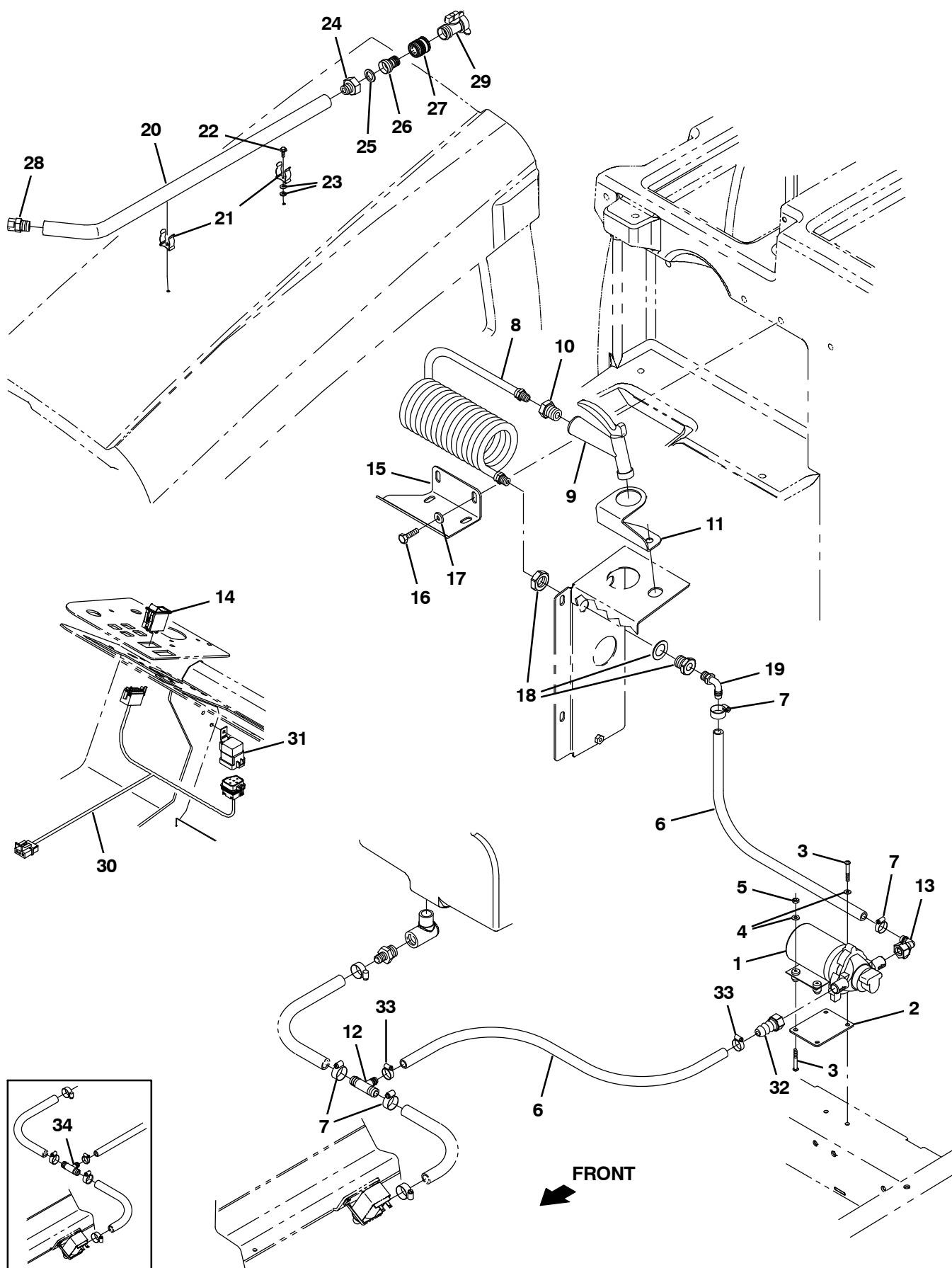


Fig. 28 – Spray Nozzle Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001310	(0000–	) Nozzle Kit, Spray, Ci	1
▲	1	1026743	(0000–	) Pump, Diaphragm (See Breakdown)	1
▲	2	1027007	(0000–	) Plate, Mtg, Pump	1
▲	3	06939	(0000–	) Screw, Pan, M5 X 0.80 X 45, 4.8	4
▲	4	19066	(0000–	) Washer, Flat, #10	4
▲	5	06549	(0000–	) Nut, Hex, Lock, M5 X 0.80, NI	2
▲	6	1015045	(0000–	) Hose, Afmkt, Pvc, Brd, 0.75id, 08ft, Clr	1
▲	7	63810	(0000–	) Clamp, Hose, Wormdrive, 0.56–1.06d, .56w	6
▲	8	1019250	(0000–	) Hose, Water, Coil	1
▲	9	769785	(0000–	) Nozzle, Spray, Gun	1
▲	10	1027976	(0000–	) Fitting, Brs, Str, Pf06/Pm12	1
▲	11	1027237	(0000–	) Bracket, Mtg, Spray Handle	1
▲	12	1015486	(0822–	) Fitting, Plstc, Tee, Bm08/Bm10/Bm10, Br	1
▲	13	1018499	(0000–	) Fitting, Plstc, E90, Bm08/Pf08s, Swivel	1
▲	14	398500	(0000–	) Switch, Rocker, Dpdt On/None/On	1
▲	15	1029790	(0000–	) Bracket, Mtg, Spray Wand [FaST, Conv]	1
▲	16	09740	(0000–	) Screw, Hex, M8 X 1.25 X 20, Ss	2
▲	17	1017218	(0000–	) Washer, Flat, 0.32b 1.00d .12, Ss	2
▲	18	1027978	(0000–	) Fitting, Brs, Str, Pf06/Pf06 Bh	1
▲	19	64778	(0000–	) Fitting, Plstc, E90, Bm08/Pm06	1
▲	20	1029055	(0000–	) Wand, Clean-Out	1
▲	21	1029057	(0000–	) Clip, Grip, Finger, .875–1.25	2
▲	22	20394	(0000–	) Screw, Hex, #10–16 X 0.62, Fmg [Ab]	2
▲	23	01683	(0000–	) Washer, Flat, #10, Ss	6
▲	24	375321	(0000–	) Fitting, Brs, Str, Pm08/Garden Hose	1
▲	25	01316	(0000–	) Washer, Flat, 0.66b 1.00d .12, Rbr	1
▲	26	1029153	(0000–	) Nipple, Hose	1
▲	27	1029155	(0000–	) Coupling, Nozzle, Spray	1
▲	28	1029156	(0000–	) Nozzle	1
▲	29	1029399	(0000–	) Valve, Shutoff	1
▲	30	1021881	(0000–	) Harness, Spray, Nozzle	1
▲	31	56186	(0000–	) Relay, 12vdc, 40a, Spdt N/O	1
▲	32	1018495	(0000–	) Fitting, Plstc, Str, Bm08/Pf08s, Swivel	1
▲	33	54333	(0000–	) Clamp, Hose, Wormdrive, 0.31–0.88d, .31w	2
▲	34	385644	(0000–0821	) Fitting, Plstc, Tee, Bm08/Bm12/Bm12, Br	1

Fig. 29 – Squeegee Guard Kit

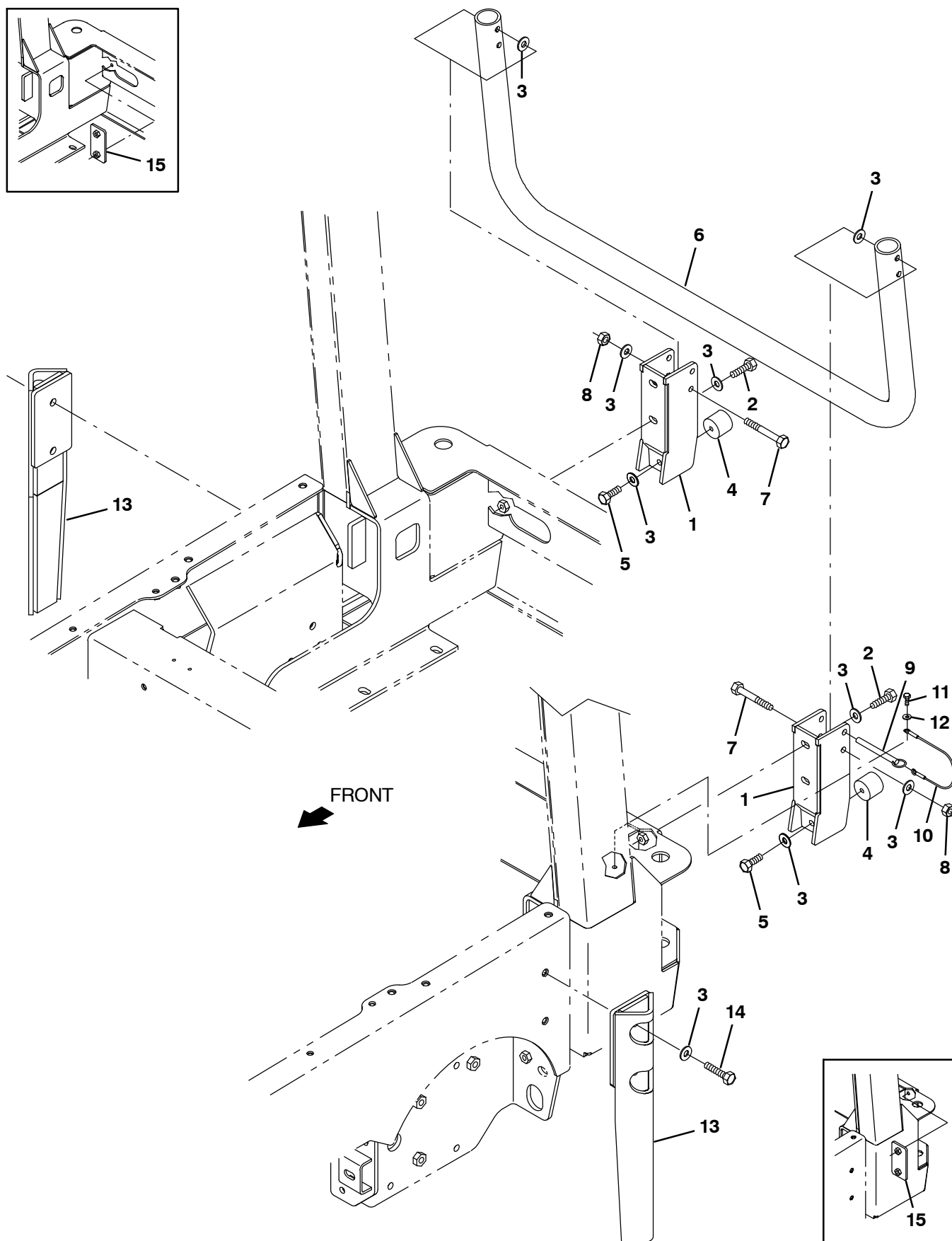


Fig. 29 – Squeegee Guard Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9001338	(0000–	) Guard Kit, Sqge, Ci [M20]	1
▲	1	1027560	(0000–	) Bracket Wldt, Guard, Sqge	2
▲	2	39284	(0000–	) Screw, Hex, M10 X 1.5 X 35, 8.8	4
▲	3	32492	(0000–	) Washer, Flat, 0.38 Std	14
▲	4	1024977	(0000–	) Bumper, Ure, 1.50d 1.25l	2
▲	5	21196	(0000–	) Screw, Hex, .38–16 X 0.88, 5	2
▲	6	1056195	(0000–	) Guard Wldt, Pntd [M20/T20]	1
▲	7	06965	(0000–	) Screw, Hex, M10 X 1.5 X 80, 8.8	2
▲	8	41430	(0000–	) Nut, Hex, Lock, M10 X 1.5, NI	2
▲	9	369359	(0000–	) Pin, Hitch, .375d X 3.12l, PI	1
▲	10	57702	(0000–	) Cable, Glv .06d 012.0l .26eye /.26eye	1
▲	11	09738	(0000–	) Screw, Hex, M5 X 0.8 X 12, Ss	1
▲	12	01683	(0000–	) Washer, Flat, #10, Ss	1
▲	13	1045444	(0000–	) Guard Wldt, Sqge [M20/T20/M30]	2
▲	14	06962	(0000–	) Screw, Hex, M10 X 1.5 X 45, 8.8	4
	15	1029543	(0000–0455	) Plate, Mtg	2

Fig. 30 – Telemetry Group

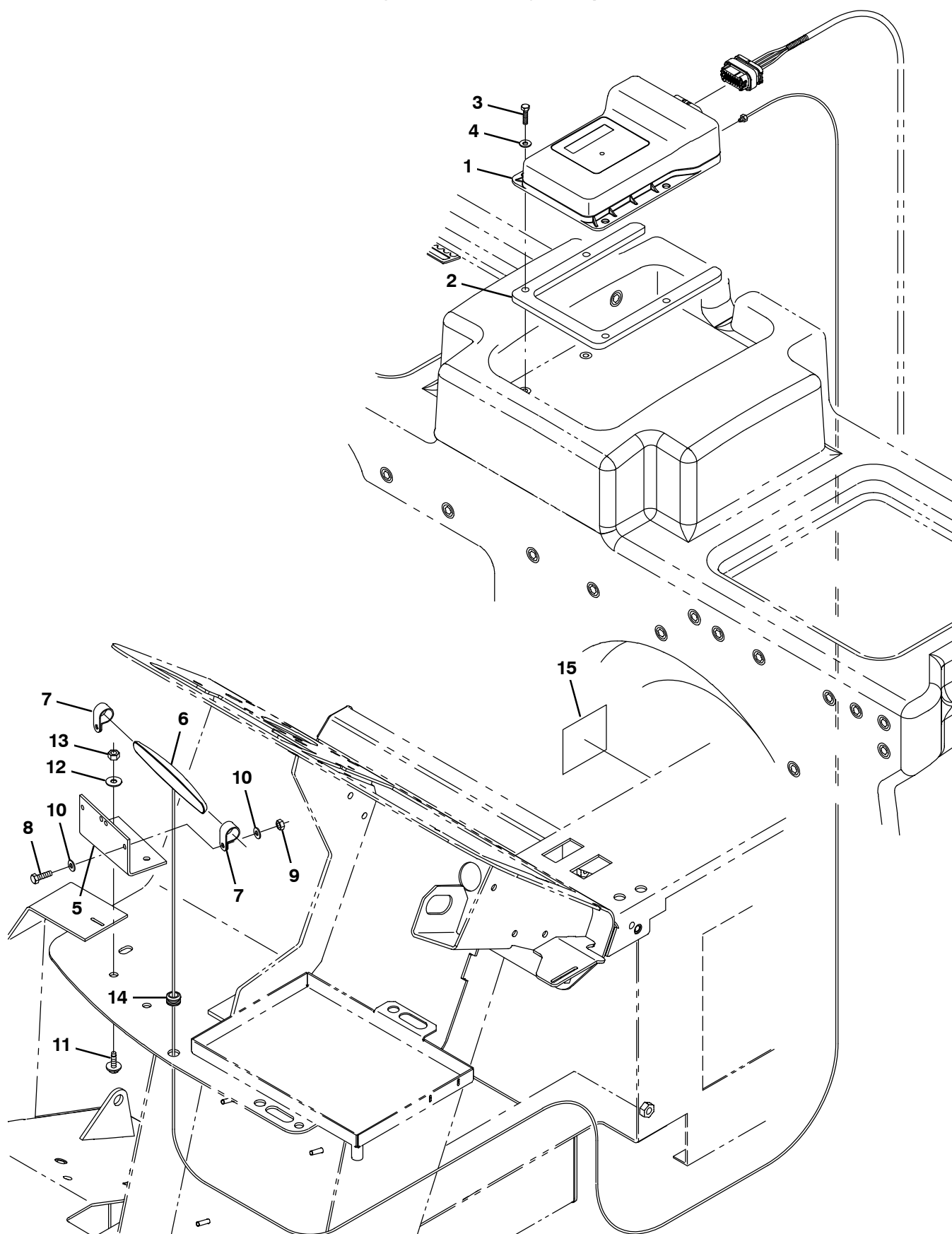
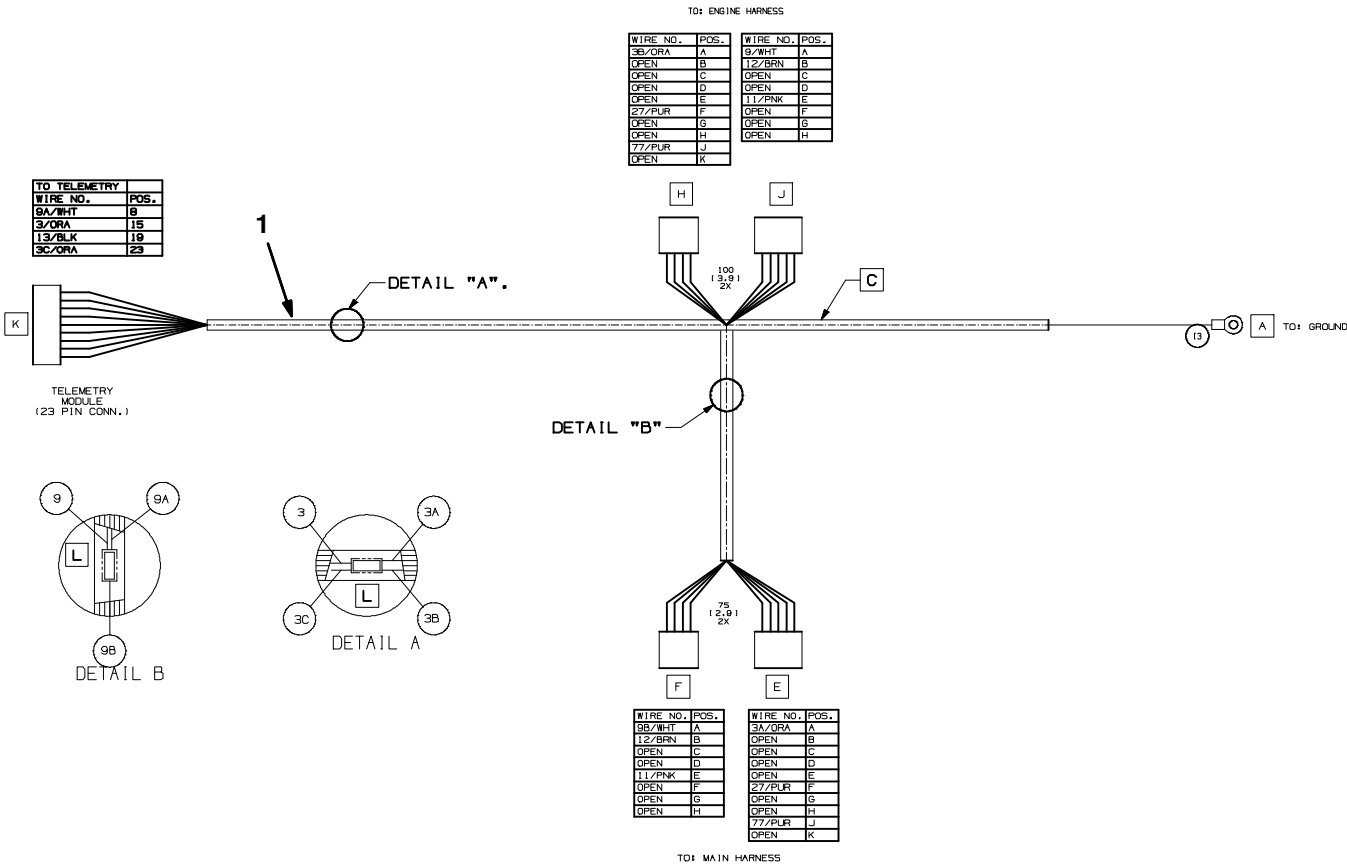


Fig. 30 – Telemetry Group

Ref.	Part No.	Serial Number	Description	Qty.
1	9010086	(0000–	) Control Box Assy Kit, Replmt, Telem [Intl]	1
2	1071062	(0000–	) Bracket, Spacer, Controlbox	1
3	09252	(0000–	) Screw,Hex, M5 X 0.80 X 29, 8.8	4
4	01683	(0000–	) Washer, Flat, 10, Ss	4
5	1070402	(0000–	) Angle, mtg, Antenna, Telem	1
6	1070659	(0000–	) Antenna, Telem, 70 In [Gprs]	1
7	140916	(0000–	) Clamp, Cable, Nyl, 0.62D, Nat	2
8	24199	(0000–	) Screw, Hex, M5 X 0.80 X 16, Ss	2
9	06549	(0000–	) Nut, Hex, Lock, M5 X 0.80, NI	2
10	01683	(0000–	) Washer, Flat, 10, Ss	4
11	1040467	(0000–	) Screw, hex, H6 X 1.00 X 20, 9.8, Sems	2
12	01684	(0000–	) Washer, Flat, 0.27B 0.69D .05, Ss	2
13	08712	(0000–	) Nut, hex, Lock, M6 X 1.00, NI, Ss	2
14	10632–12	(0000–	) Grommet, Rbr, 0.38id, F/0.5H, .12 Matl	1
15	1069580	(0000–	) Label, Opertnl, Telem [Fcc/lc]	1

Fig. 31 – Telemetry Wire Harness Group



D

Ref.	Part No.	Serial Number	Description	Qty.
1	1069876	(0000–)	Harness, Wire, Dsl [M20/T20, Telemetry]	1

Fig. 32 – Documentation Group

Ref.	Part No.	Serial Number	Description	Qty.
	331385	(0000–	) Manual, Service [M20 En]	1
	1027759	(0000–	) Video, Oprtr, Dvd [W/Checklist M20]	1
	84660	(0000–	) Manual, Eng [Kubo, V1505e]	1
	1032578	(0000–	) Instr, Maint, Wall Chart [M20]	1
	9004566	(0000–	) Manual, Oprtr [M20 Dsl, Bg, Ce]	1
	331416	(0000–	) Manual, Parts [M20 Diesel, Ce]	1
	331418	(0000–	) Manual, Oprtr [M20 Diesel Cz Ce]	1
	331419	(0000–	) Manual, Oprtr [M20 Diesel De Ce]	1
	331420	(0000–	) Manual, Oprtr [M20 Diesel Dk Ce]	1
	331421	(0000–	) Manual, Oprtr [M20 Diesel En Ce]	1
	331422	(0000–	) Manual, Oprtr [M20 Diesel Es Ce]	1
	331423	(0000–	) Manual, Oprtr [M20 Diesel Fi Ce]	1
	331424	(0000–	) Manual, Oprtr [M20 Diesel Fr Ce]	1
	331425	(0000–	) Manual, Oprtr [M20 Diesel Gr Ce]	1
	331426	(0000–	) Manual, Oprtr [M20 Diesel Hu Ce]	1
	331427	(0000–	) Manual, Oprtr [M20 Diesel It Ce]	1
	331428	(0000–	) Manual, Oprtr [M20 Diesel NI Ce]	1
	331429	(0000–	) Manual, Oprtr [M20 Diesel No Ce]	1
	331430	(0000–	) Manual, Oprtr [M20 Diesel PI Ce]	1
	331431	(0000–	) Manual, Oprtr [M20 Diesel Pt Ce]	1
	331432	(0000–	) Manual, Oprtr [M20 Diesel Ru Ce]	1
	331433	(0000–	) Manual, Oprtr [M20 Diesel Se Ce]	1
	331434	(0000–	) Manual, Oprtr [M20 Diesel Tr Ce]	1
	331435	(0000–	) Manual, Oprtr [M20 Dsl, Ee, Ce]	1
	331436	(0000–	) Manual, Oprtr [M20 Dsl, Lv, Ce]	1
	331437	(0000–	) Manual, Oprtr [M20 Dsl, Lt, Ce]	1
	331438	(0000–	) Manual, Oprtr [M20 Dsl, Sk, Ce]	1
	331439	(0000–	) Manual, Oprtr [M20 Dsl, Si, Ce]	1
	9004567	(0000–	) Manual, Oprtr [M20 Dsl, Ro Ce]	1
	9006257	(0000–	) Media, Cd–Rom, Training [ec–H2O Tennant]	1
	9011427	(0000–	) Manual, Oprtr [M20 Dsl, Hr, Ce]	1



To view, print, order, download the latest Parts manual, other language Operator manuals, and Use and Care Guides (wall charts), visit:

www.tennantco.com/manual

SECTION 4

Contents	Page
Fig. 1 – Extended Scrub Pump Breakdown, 1021210	4-2
Fig. 2 – Hydraulic Motor Breakdown, 379609	4-4
Fig. 3 – Hydraulic Pump Breakdown, 1024251	4-6
Fig. 4 – Hydraulic Motor Breakdown, 71729	4-8
Fig. 5 – Hydraulic Motor Breakdown, 1029379	4-9
Fig. 6 – Hydraulic Motor Breakdown, 53485	4-10
Fig. 7 – Hydraulic Valve Breakdown, 1018936	4-11
Fig. 8 – Hydraulic Valve Breakdown, 1018938	4-12
Fig. 9 – Hydraulic Valve Breakdown, 1037805	4-14
Fig. 10 – Hydraulic Valve Breakdown, 1072997	4-16
Fig. 11 – Hydraulic Valve Breakdown, 1020394	4-18
Fig. 12 – Hydraulic Valve Breakdown, 1038566	4-20
Fig. 13 – Hydraulic Valve Breakdown, 1072995	4-22
Fig. 14 – Hydraulic Steering Valve Breakdown, 1024260	4-24
Fig. 15 – Metering Solution Pump Breakdown, 73260	4-26
Fig. 16 – Water Pump Breakdown, 1026743 ...	4-27
Fig. 17 – ec-H2O Module Assembly Breakdown, 9007882	4-28
Fig. 18 – Seat Breakdown, 1072456	4-30
Fig. 19 – FaST Injector Assembly Breakdown, 9008868	4-32

Fig. 1 – Extended Scrub Pump Breakdown, 1021210

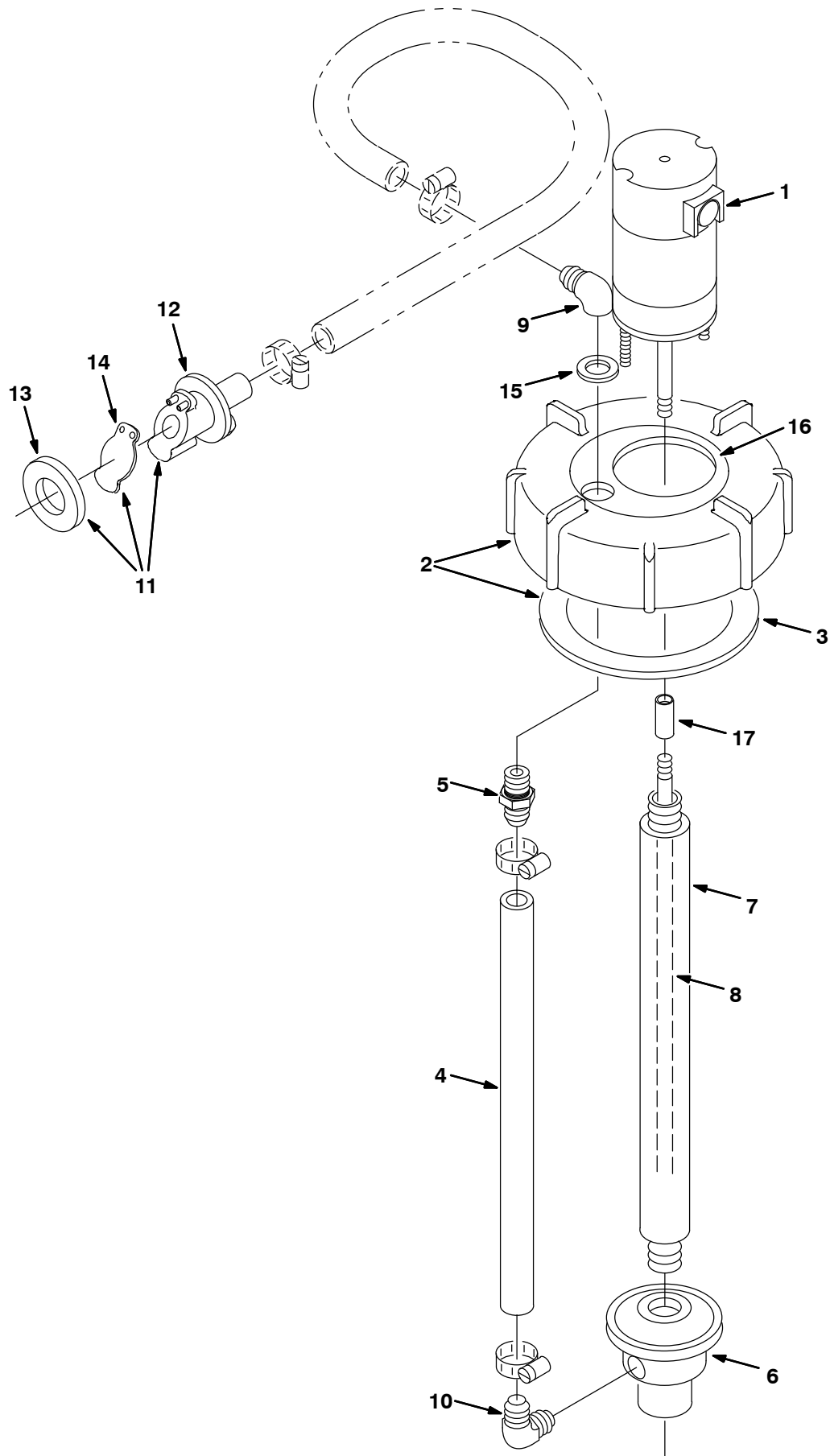


Fig. 1 – Extended Scrub Pump Breakdown, 1021210

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1021210	(0000–	) Pump Assy, Column, Es	1
▲▽	1	9002708	(0000–	) Motor, Ele, 12vdc, Pump, Water	1
▲▲		78829	(0000–	) Kit, Brush, Motor, Ele	1
▲▽	2	24358	(0000–	) Cap Assy, Tank, Drain	1
▲▲	3	1031699	(0000–	) Gasket, 4.05id 5.29od .19 [Buna]	1
▲	4	78833	(0000–	) Tube, Vinyl, Pump, Water	1
▲	5	78398	(0000–	) Fitting, Plstc, Str, Bm12/Pm08, Nyl	1
▲	6	78843	(0000–	) Housing Kit, Pump, Water	1
▲	7	78836	(0000–	) Column, Pump, Water	1
▲	8	9002709	(0000–	) Shaft, Pump, Water	1
▲	9	78838	(0000–	) Fitting, E, Gr	1
▲	10	78839	(0000–	) Fitting, Plstc, E90, Pf Bm [Es Pump]	1
▲▽	11	78842	(0000–	) Kit, Valve, Check, Pump, Water	1
▲▲	12	78840	(0000–	) Valve, Check, Pump, Water	1
▲▲	13	73342	(0000–	) Gasket, .25 1.88d 1.0id [Poron]	1
▲▲	14	78841	(0000–	) Flapper, Valve, Pump, Water	1
▲	15	78830	(0000–	) Washer, Rbr	1
▲	16	22790	(0000–	) Insert, Cap, Mount, Es Pump	1
▲	17	23285	(0000–	) Sleeve, Pump, Water	1

Fig. 2 – Hydraulic Motor Breakdown, 379609

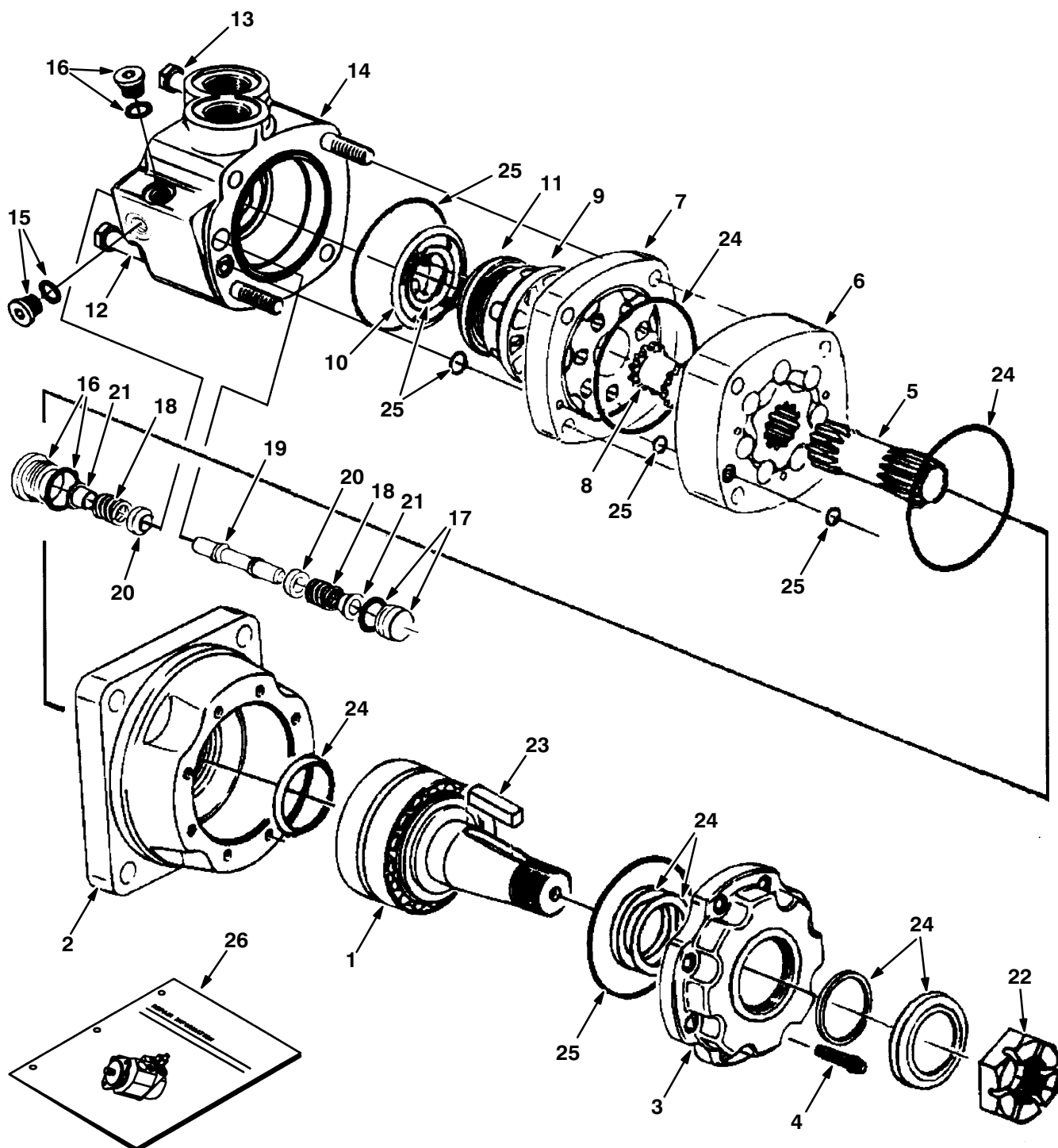


Fig. 2 – Hydraulic Motor Breakdown, 379609

Ref.	Part No.	Serial Number	Description	Qty.
▽	379609	(0000–	) Motor, Hyd, Gear, [Int], 19.0 X 3000	1
▲	1 74165	(0000–	) Shaft, Motor, Hyd	1
▲	2 74166	(0000–	) Housing, Brg, Motor, Hyd	1
▲	3 74167	(0000–	) Retainer, Motor, Hyd	1
▲	4 74168	(0000–	) Screw, Cap, Motor, Hyd	8
▲	5 37616	(0000–	) Drive, Motor, Hyd	1
▲	6 37756	(0000–	) Geroler, Motor, Hyd	1
▲	7 74122	(0000–	) Plate, Valve, Motor, Hyd	1
▲	8 52405	(0000–	) Valve, Motor, Hyd	1
▲	9 74123	(0000–	) Valve, Motor, Hyd	1
▲	10 34178	(0000–	) Spring, Motor, Hyd	2
▲	11 38968	(0000–	) Ring, Motor, Hyd	1
▲	12 74125	(0000–	) Bolt, Motor, Hyd	3
▲	13 38255	(0000–	) Bolt, Motor, Hyd	1
▲	14 373297	(0000–	) Housing, Valve	1
▲	15 373298	(0000–	) Plug	1
▲	16 373260	(0000–	) Plug, Pump, Hyd, Gear	2
▲	17 373299	(0000–	) Plug	1
▲	18 373291	(0000–	) Spring	2
▲	19 373217	(0000–	) Piston, Pump, Hyd, Gear	1
▲	20 373226	(0000–	) Poppet, Pump, Hyd, Gear	2
▲	21 373236	(0000–	) Sleeve, Dashpo, Pump, Hyd, Gear	2
▲	22 45622	(0000–	) Nut, Motor, Hyd	1
▲	23 45623	(0000–	) Key, Motor, Hyd	1
▲	24 79828	(0000–	) Kit, Seal, Motor, Hyd	1
▲	25 33580	(0000–	) Kit, Seal, Motor, Hyd	1
	26 79729	(0000–	) Instr, Repair, Motor, Hyd, Gear	1

Fig. 3 – Hydraulic Pump Breakdown, 1024251

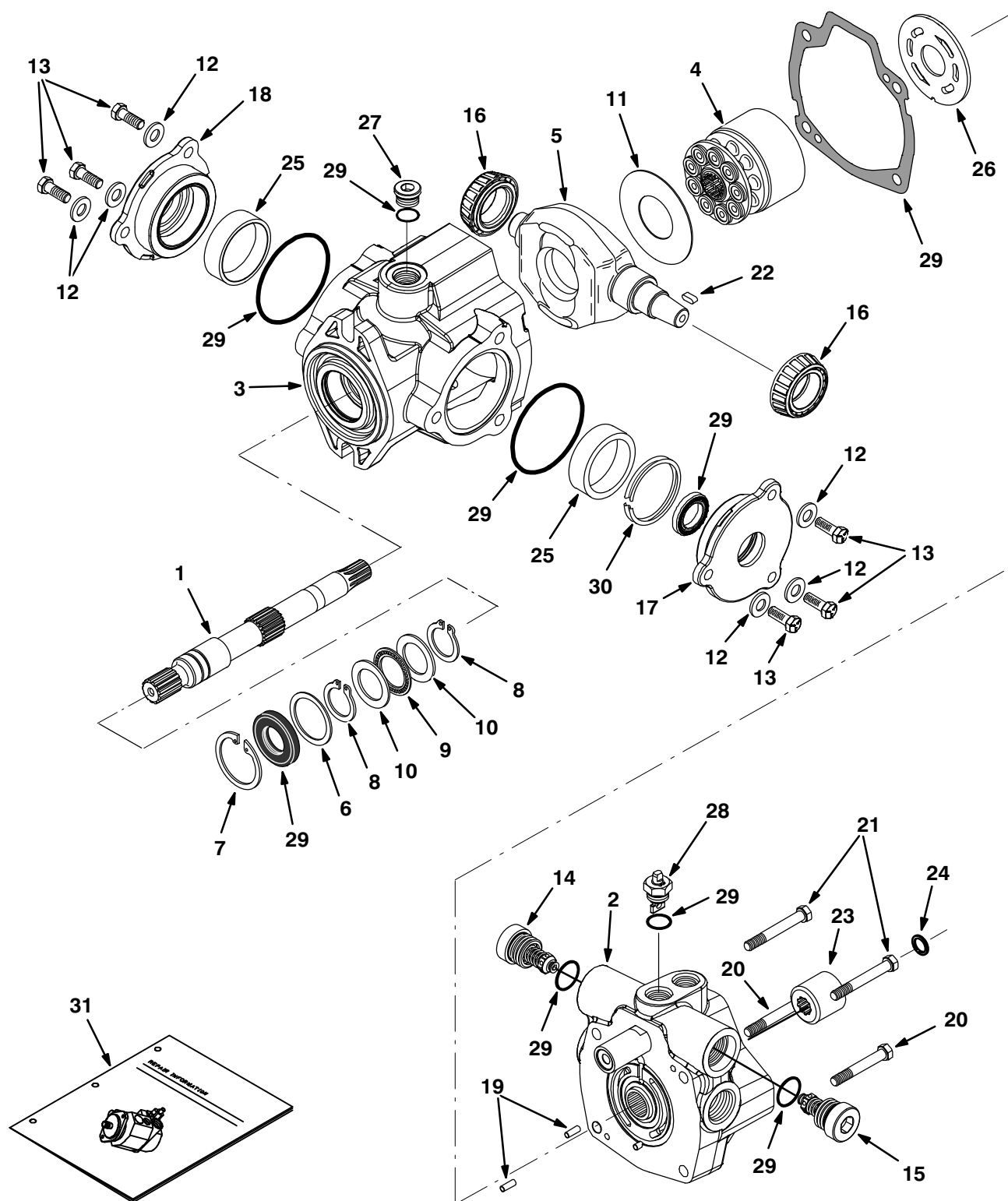
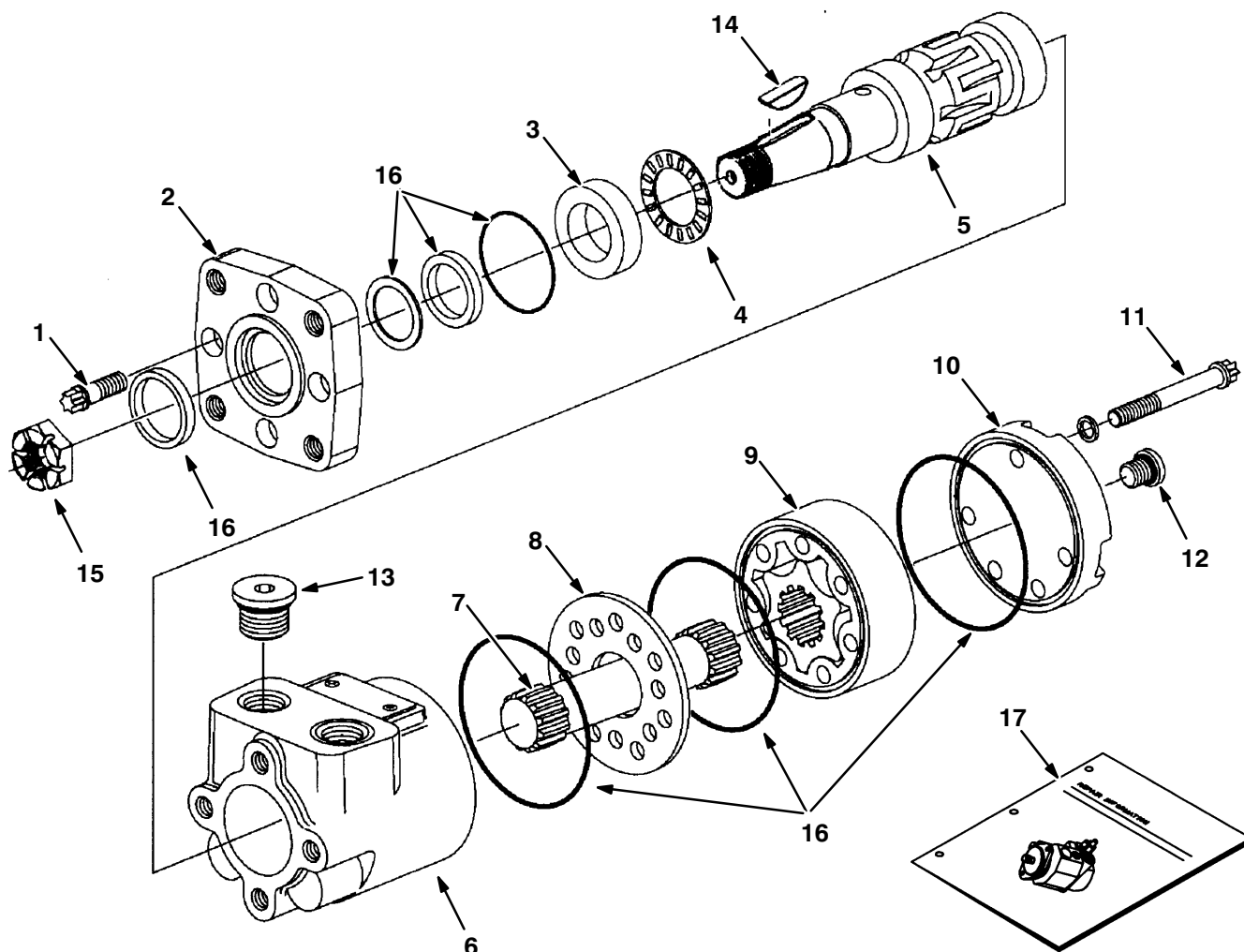


Fig. 3 – Hydraulic Pump Breakdown, 1024251

Ref.	Part No.	Serial Number	Description	Qty.
▽	1024251	(0000–	) Pump, Hyd, Piston, Var, 1.24 4000, Cw	1
▲	1 373681	(0000–	) Shaft, Pump	1
▲	2 373427	(0000–	) Cover, End	1
▲	3 373389	(0000–	) Housing	1
▲	4 02706	(0000–	) Pump Kit, Hyd, Rotating [Cessna]	1
▲	5 373493	(0000–	) Plate, Cam	1
▲	6 70096	(0000–	) Washer, Flat, Pump, Hyd	1
▲	7 55926	(0000–	) Ring, Retaining, Pump, Hyd	1
▲	8 373434	(0000–	) Ring, Retaining	2
▲	9 74225	(0000–	) Bearing, Thrust, Pump, Hyd	1
▲	10 74226	(0000–	) Race, Brg, Pump, Hyd	2
▲	11 373327	(0000–	) Insert, Plt, Cam, Pump, Hyd	1
▲	12 373391	(0000–	) Washer, Pump, Hyd [En]	6
▲	13 373346	(0000–	) Screw, Cap	6
▲	14 373494	(0000–	) Valve, Relief, 4000 Psi	1
▲	15 373678	(0000–	) Valve, Relief, 3000 Psi	1
▲	16 373317	(0000–	) Bearing, Cone, Pump, Hyd	2
▲	17 373393	(0000–	) Plate, Cover	1
▲	18 373394	(0000–	) Plate, Cover	1
▲	19 70100	(0000–	) Pin, Dowel, Pump, Hyd	2
▲	20 373347	(0000–	) Screw, Cap	2
▲	21 373348	(0000–	) Screw, Cap	2
▲	22 74237	(0000–	) Key, Shaft, Pump, Hyd	1
▲	23 373679	(0000–	) Coupler, Pump	1
▲	24 373680	(0000–	) Ring, Lock	1
▲	25 373395	(0000–	) Bearing, Cup	2
▲	26 74180	(0000–	) Plate, Valve, Pump, Hyd	1
▲	27 13907	(0000–	) Fitting, Hyd, Plug, Om08	1
▲	28 373413	(0000–	) Actuator, Valve, By-Pass [En]	1
▲	29 373398	(0000–	) Seal Kit, Pump, Hyd	1
▲	30 373402	(0000–	) Shim Kit	1
	31 373429	(0000–	) Instr, Repair, Pump	1

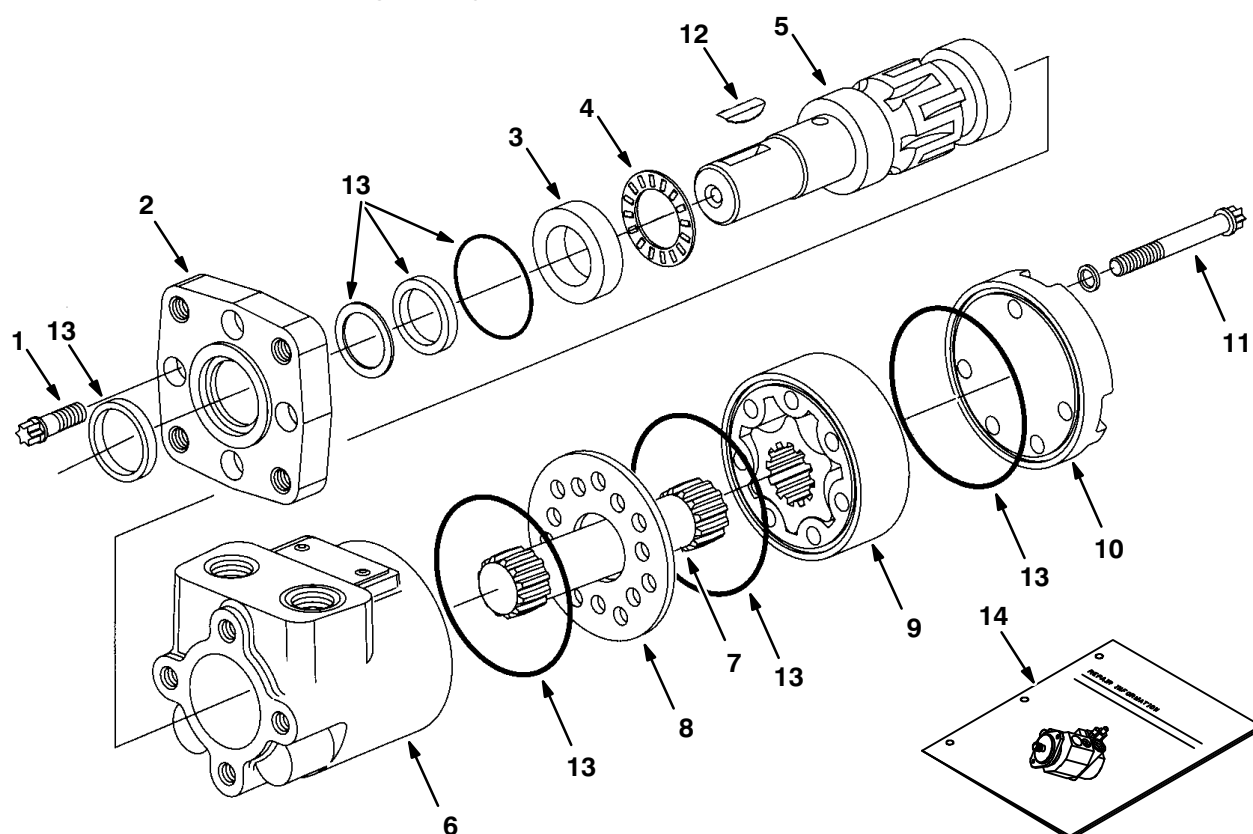
Fig. 4 – Hydraulic Motor Breakdown, 71729



09606-09670 – ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	71729	(0000–	) Motor, Hyd Gear In 4.5 B 1500	1
▲	1	37555	(0000–) Screw	4
▲	2	31354	(0000–) Flange Mounting	1
▲	3	16695	(0000–) Race Thrust	1
▲	4	45628	(0000–) Thrust Bearing	1
▲	5	31375	(0000–) Shaft, Output	1
▲	6	74100	(0000–) Housingl	1
▲	7	31379	(0000–) Drive	1
▲	8	74094	(0000–) Spacer Plate	1
▲	9	31383	(0000–) Gerotor Set	1
▲	10	74095	(0000–) End Cap	1
▲	11	65241	(0000–) Cap Screw	5
▲	12	74098	(0000–) Plug #4	1
▲	13	74099	(0000–) Plug #10	2
▲	14	00500-15	(0000–) Key-Wdruff 0.25 1.00	1
▲	15	39527	(0000–) Nut-Hxslot .75-16 Pltd	1
▲	16	61490	(0000–) Seal Replmt Kit	1
▲	17	74250	(0000–) Instr. Repair Info, Motor	1

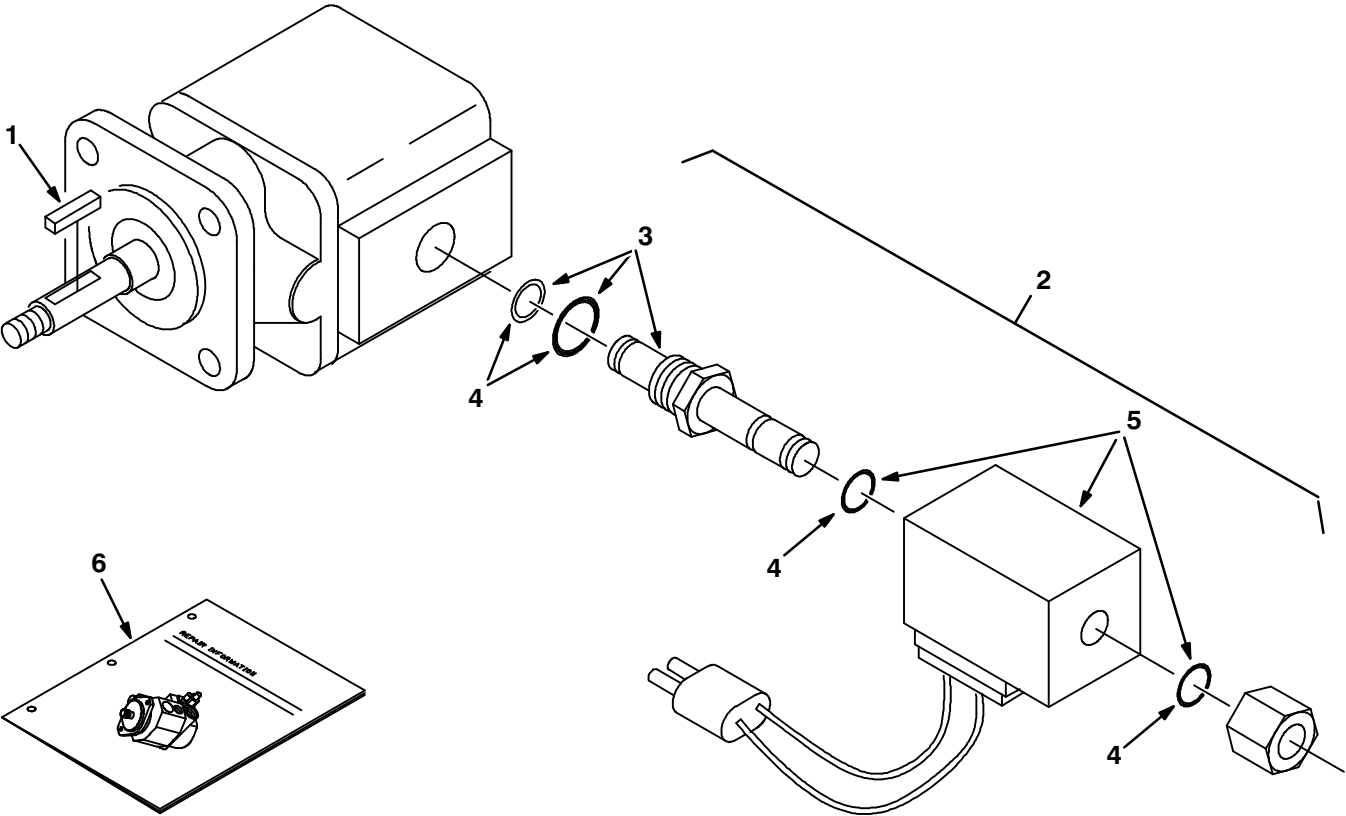
Fig. 5 – Hydraulic Motor Breakdown, 1029379



10859-09670 – ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	1029379	(0000–	) Motor, Hyd, Gear, Int 08.9 Bi-Dir 2500	1
▲	1	37555	(0000–) Screw, Motor, Hyd [En]	4
▲	2	31354	(0000–) Flange, Motor, Hyd [En]	1
▲	3	16695	(0000–) Ace, Thrust, Motor, Hyd [En]	1
▲	4	45628	(0000–) Bearing, Thrust	1
▲	5	28854	(0000–) Shaft, Output, Motor, Hyd [En]	1
▲	6	74100	(0000–) Housing, Motor, Hyd [En]	1
▲	7	21955	(0000–) Drive [CI]	1
▲	8	74094	(0000–) Plate, Spacer, Motor, Hyd [En]	1
▲	9	21956	(0000–) Gerotor Set [CI]	1
▲	10	65230	(0000–) End Cap, Motor, Hyd [En]	1
▲	11	21958	(0000–) Cap Screw CI	5
▲	12	00500-15	(0000–) Key, Woodruff, 0.25 1.00 [Asa#0808]	1
▲	13	61490	(0000–) Seal Kit, Motor [CI]	1
▲	14	74250	(0000–) Instr, Motor, Hyd, Repair [En]	1

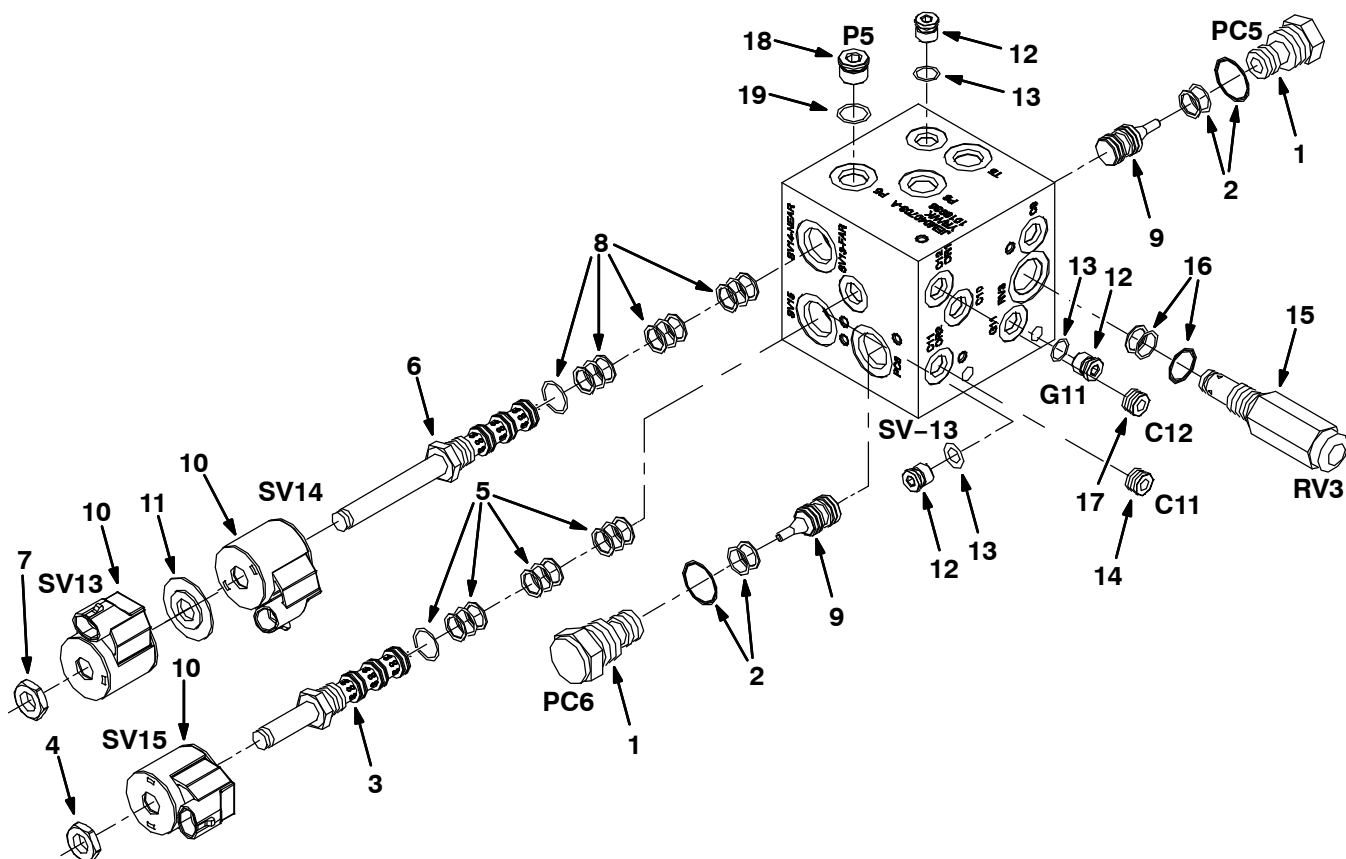
Fig. 6 – Hydraulic Motor Breakdown, 53485



07490 – 09670

Ref.	Part No.	Serial Number	Description	Qty.
▽	53485	(0000–	) Motor, Hyd, Gear, Ext 0.19 Rh 3000	1
▲	74233	(0000–	) Kit, Seal, Motor, Hyd, Gear[Barns]	1
▲	1 00966	(0000–	) Key, Sq, 0.12 X 0.12, 0.75l	1
▲▽	2 54095	(0000–	) Valve, Hyd Cartridge 10no/–0	1
▲▲	3 59378	(0000–	) Valve Stem, N.O.Valve, Hyd	1
▲▲	4 48813	(0000–	) Kit, Seal, Valve, Hyd [Cec]	1
▲▲	5 35493	(0000–	) Solenoid, 12v, Valve, Hyd [Cec]	1
	6 IB3614	(0000–	) Instr, Seal Kit, Motor	1

Fig. 7 – Hydraulic Valve Breakdown, 1018936



ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	1018936	(0000-	) Valve, Cntrl, Hyd [M20]	1
▲▽	1 373656	(0000-	) Valve, Check	2
▲▲	2 373647	(0000-	) Seal Kit, Cartridge	1
▲▽	3 373657	(0000-	) Stem, Valve, Hyd, 4w2p	1
▲▲	4 373648	(0000-	) Nut, Coil, F/#8	1
▲▲	5 373647	(0000-	) Seal Kit, Cartridge	1
▲▽	6 373637	(0000-	) Valve, Cntrl, Solenoid	1
▲▲	7 373648	(0000-	) Nut, Coil, F/#8	1
▲▲	8 373647	(0000-	) Seal Kit, Cartridge	1
▲	9 373658	(0000-	) Spool, Pilot, Hyd	2
▲	10 373640	(0000-	) Solenoid, #8, 12vdc	3
▲	11 373639	(0000-	) Spacer, Coil, #8	1
▲▽	12 74098	(0000-	) Fitting, Hyd, Plug, Om04	3
▲▲	13 77003	(0000-	) Seal, Org, .072 X 00.35id #04	1
▲	14 373633	(0000-	) Plug, Orifice, Valve, Hyd, .040	1
▲▽	15 373659	(0000-	) Valve, Hyd, Relief	1
▲▲	16 373647	(0000-	) Seal Kit, Cartridge	1
▲	17 373660	(0000-	) Plug, Orifice, Valve, Hyd, .030	1
▲▽	18 13904	(0000-	) Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	19 77005	(0000-	) Seal, Org, .078 X 00.47id #06	1

Fig. 8 – Hydraulic Valve Breakdown, 1018938

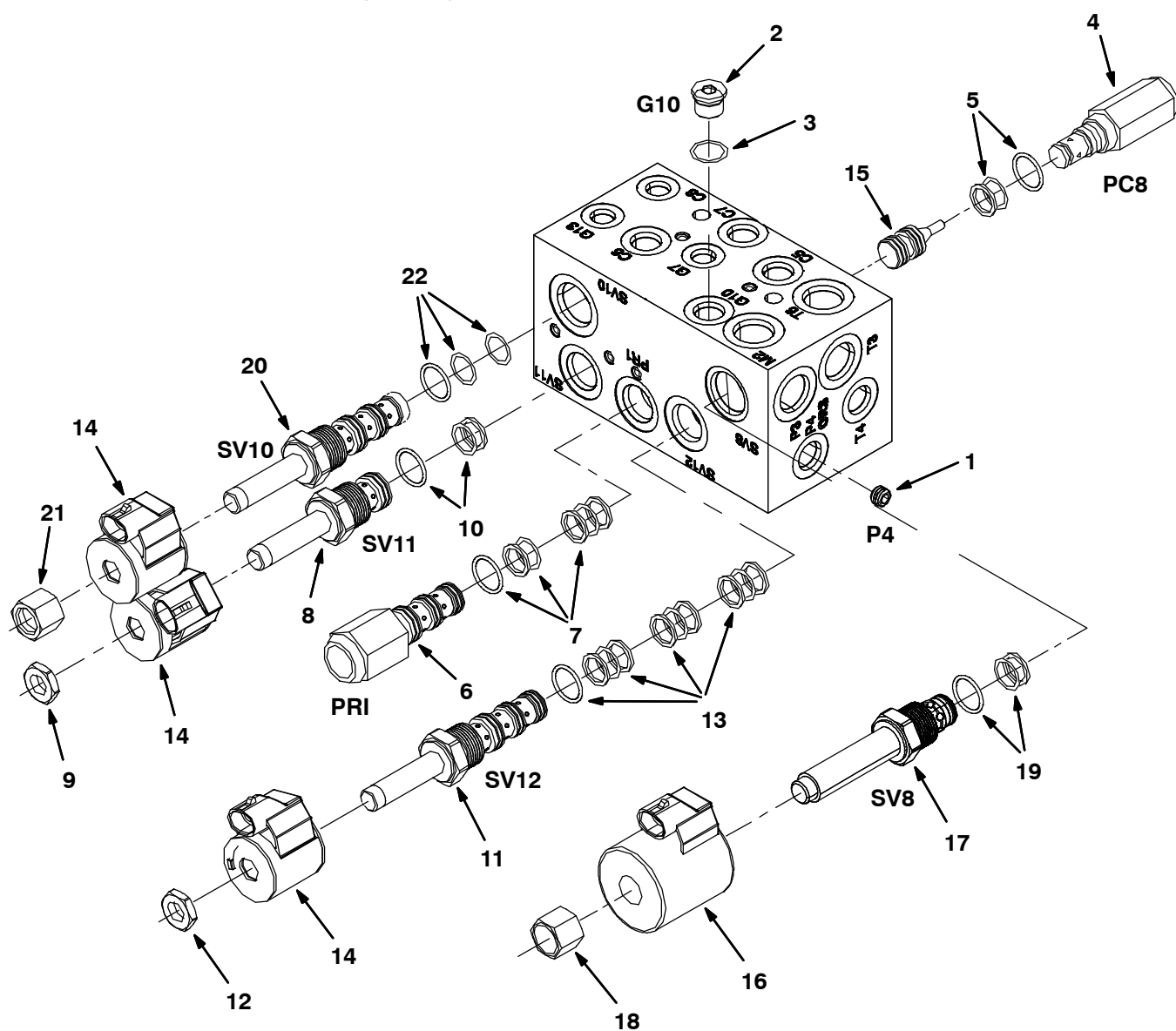


Fig. 8 – Hydraulic Valve Breakdown, 1018938

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1018938	(0000–	) Valve, Cntrl, Hyd [M20 And T20]	1
▲	1	373633	(0000–	) Plug, Orifice, Valve, Hyd, .040	1
▲▽	2	13904	(0000–	) Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	3	77005	(0000–	) Seal, Org, .078 X 00.47id #06	1
▲▽	4	373656	(0000–	) Valve, Check	1
▲▲	5	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	6	373661	(0000–	) Valve, Relief	1
▲▲	7	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	8	373662	(0000–	) Stem, Valve, Hyd	1
▲▲	9	373648	(0000–	) Nut, Coil, F/#8	1
▲▲	10	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	11	373657	(0000–	) Stem, Valve, Hyd, 4w2p	1
▲▲	12	373648	(0000–	) Nut, Coil, F/#8	1
▲▲	13	373647	(0000–	) Seal Kit, Cartridge	1
▲	14	373640	(0000–	) Solenoid, #8, 12vdc	3
▲	15	373658	(0000–	) Spool, Pilot, Hyd	1
▲	16	373642	(0000–	) Solenoid, #10, 12vdc	1
▲▽	17	373663	(0000–	) Valve, Stem, No	1
▲▲	18	373670	(0000–	) Nut, Solenoid	1
▲▲	19	373646	(0000–	) Seal Kit, Cartridge	1
▲▽	20	373664	(0000–	) Cartridge, Psi Cntrl, Valve, Hyd	1
▲▲	21	373673	(0000–	) Nut, Solenoid	1
▲▲	22	373672	(0000–	) Seal Kit, Cartridge	1

Fig. 9 – Hydraulic Valve Breakdown, 1037805

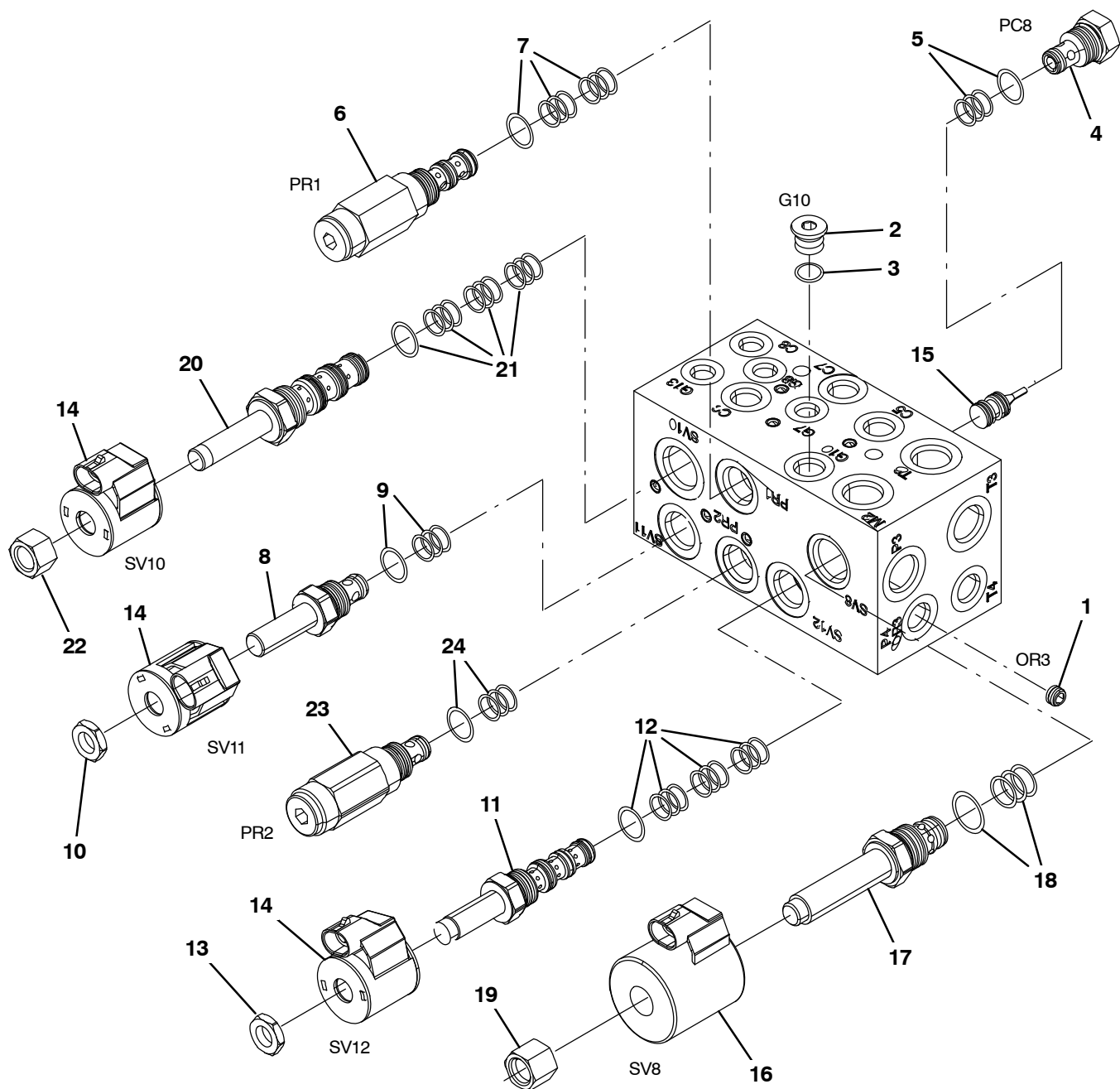


Fig. 9 – Hydraulic Valve Breakdown, 1037805

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1037805	(0000–	) Valve, Cntrl, Hyd, Solenoid, 03/16gpm	1
▲	1	373633	(0000–	) Plug, Orifice, Valve, Hyd, .040	1
▲▽	2	13904	(0000–	) Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	3	77005	(0000–	) Seal, Org, .078 X 00.47id 06	1
▲▽	4	373656	(0000–	) Valve, Check	1
▲▲	5	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	6	373661	(0000–	) Valve, Relief	1
▲▲	7	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	8	373662	(0000–	) Stem, Valve, Hyd	1
▲▲	9	373647	(0000–	) Seal Kit, Cartridge	1
▲▲	10	373648	(0000–	) Nut, Coil, Nyl Patch	1
▲▽	11	373657	(0000–	) Stem, Valve, Hyd [4w2p]	1
▲▲	12	373647	(0000–	) Seal Kit, Cartridge	1
▲▲	13	373648	(0000–	) Nut, Coil, F/#8	1
▲	14	373640	(0000–	) Solenoid, #8, 12vdc	3
▲	15	373658	(0000–	) Spool, Pilot, Hyd	1
▲	16	373642	(0000–	) Solenoid, #10, 12vdc	1
▲▽	17	373663	(0000–	) Valve, Stem, No	1
▲▲	18	373646	(0000–	) Seal Kit, Cartridge	1
▲▲	19	373670	(0000–	) Nut, Solenoid	1
▲▽	20	373664	(0000–	) Cartridge, Psi Cntrl, Valve, Hyd	1
▲▲	21	373672	(0000–	) Seal Kit, Cartridge	1
▲▲	22	373673	(0000–	) Nut, Solenoid	1
▲▽	23	373683	(0000–	) Valve, Relief	1
▲▲	24	373647	(0000–	) Seal Kit, Cartridge	1

Fig. 10 – Hydraulic Valve Breakdown, 1072997

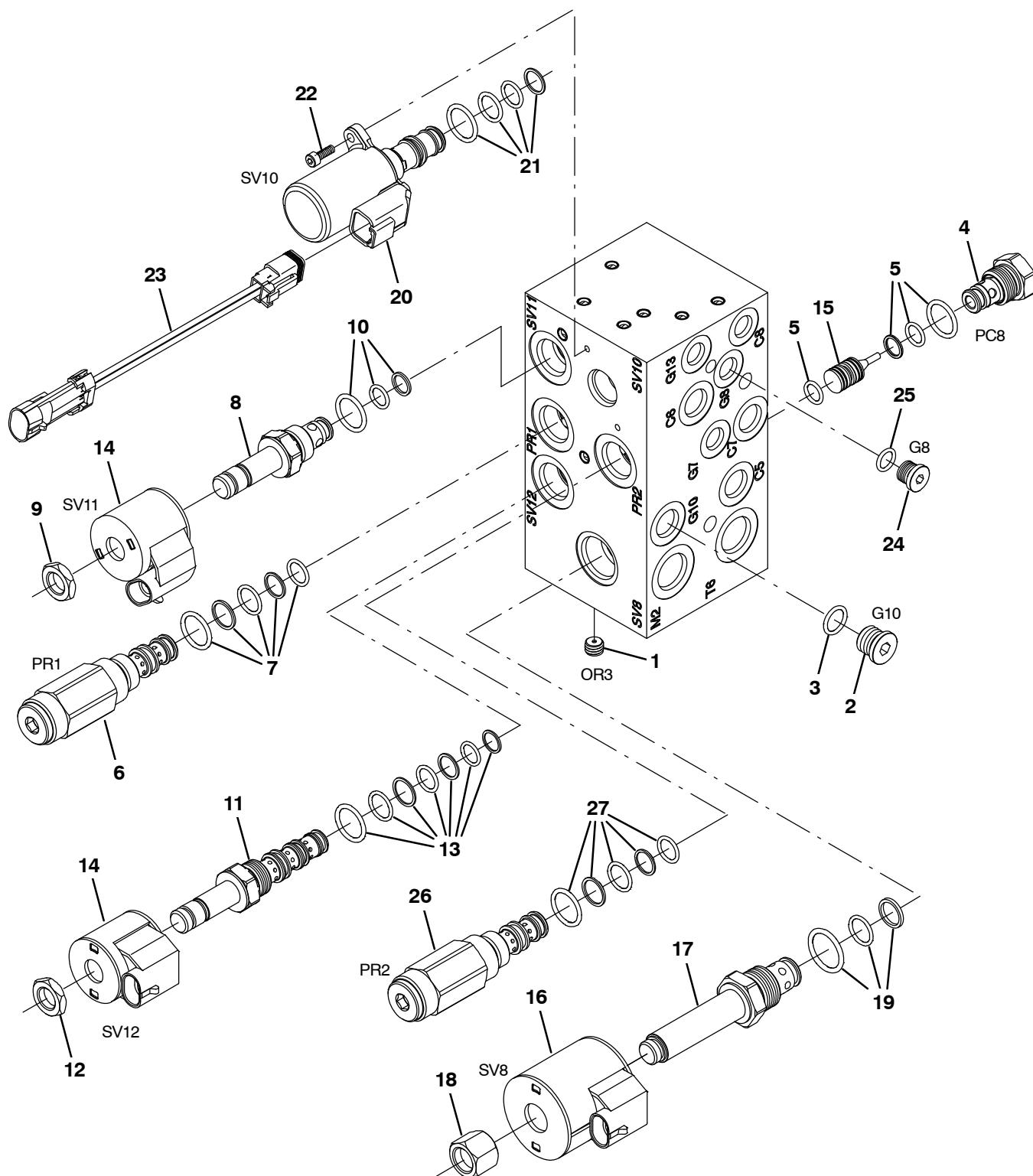


Fig. 10 – Hydraulic Valve Breakdown, 1072997

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1072997	(0000–	) Valve, Cntrl, Hyd, Solenoid, 03/16gpm	1
▲	1	373633	(0000–	) Plug, Orifice, Valve, Hyd, .040	1
▲▽	2	13904	(0000–	) Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	3	77005	(0000–	) Seal, Org, .078 X 00.47id 06	1
▲▽	4	373656	(0000–	) Valve, Check	1
▲▲	5	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	6	373661	(0000–	) Valve, Relief	1
▲▲	7	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	8	373662	(0000–	) Stem, Valve, Hyd	1
▲▲	9	373648	(0000–	) Nut, Coil, Nyl Patch	1
▲▲	10	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	11	373657	(0000–	) Stem, Valve, Hyd [4w2p]	1
▲▲	12	373648	(0000–	) Nut, Coil, F/#8	1
▲▲	13	373647	(0000–	) Seal Kit, Cartridge	1
▲	14	373640	(0000–	) Solenoid, #8, 12vdc	3
▲	15	373658	(0000–	) Spool, Pilot, Hyd	1
▲	16	373642	(0000–	) Solenoid, #10, 12vdc	1
▲▽	17	373663	(0000–	) Valve, Stem, No	1
▲▲	18	373670	(0000–	) Nut, Solenoid	1
▲▲	19	373646	(0000–	) Seal Kit, Cartridge	1
▲▽	20	9011347	(0000–	) Valve Assy [Proportional]	1
▲▲	21	9011343	(0000–	) Seal Kit, Valve [Ehpr98]	1
▲▲	22	9011345	(0000–	) Screw, Mtg [Ehpr98]	2
▲▲	23	9011346	(0000–	) Harness, Jumper [Deutsch To Mpack]	1
▲▽	24	13904	(0000–	) Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	25	77005	(0000–	) Seal, Org, .078 X 00.47id 06	1
▲▽	26	373683	(0000–	) Valve, Relief	1
▲▲	27	373647	(0000–	) Seal Kit, Cartridge	1

Fig. 11 – Hydraulic Valve Breakdown, 1020394

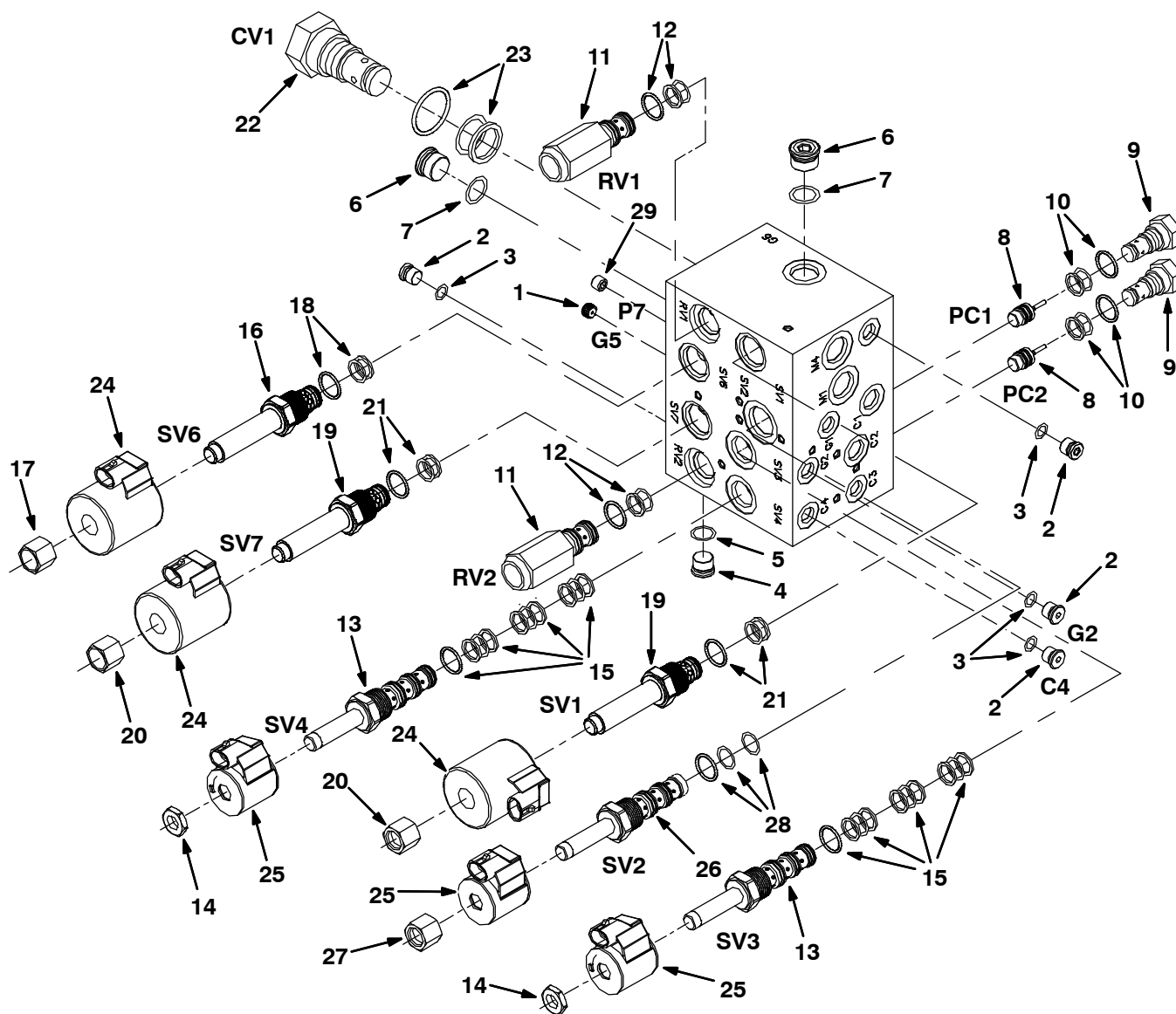


Fig. 11 – Hydraulic Valve Breakdown, 1020394

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1020394	(0000–	) Valve, Cntrl, Hyd	1
▲	1	373665	(0000–	) Plug, Orifice, Valve, Hyd, .046	1
▲▽	2	74098	(0000–	) Fitting, Hyd, Plug, Om04	4
▲▲	3	77003	(0000–	) Seal, Org, .072 X 00.35id #04	1
▲▽	4	13904	(0000–	) Fitting, Plug, Org, #6, Valve [Cec]	1
▲▲	5	77005	(0000–	) Seal, Org, .078 X 00.47id #06	1
▲▽	6	13907	(0000–	) Fitting, Hyd, Plug, Om08	2
▲▲	7	77006	(0000–	) Seal, Org, .087 X 00.64id #08	2
▲	8	373658	(0000–	) Spool, Pilot, Hyd	2
▲▽	9	373631	(0000–	) Valve, Check	2
▲▲	10	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	11	373666	(0000–	) Valve, Relief	2
▲▲	12	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	13	373657	(0000–	) Stem, Valve, Hyd, 4w2p	2
▲▲	14	373648	(0000–	) Nut, Coil, F/#8	1
▲▲	15	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	16	373667	(0000–	) Stem, Valve, Hyd	1
▲▲	17	373648	(0000–	) Nut, Coil, F/#8	1
▲▲	18	373646	(0000–	) Seal Kit, Cartridge	1
▲▽	19	373663	(0000–	) Valve, Stem, No	2
▲▲	20	373670	(0000–	) Nut, Solenoid	1
▲▲	21	373646	(0000–	) Seal Kit, Cartridge	1
▲▽	22	373668	(0000–	) Valve, Check	1
▲▲	23	373671	(0000–	) Seal Kit, Cartridge	1
▲	24	373642	(0000–	) Solenoid, #10, 12vdc	3
▲	25	373640	(0000–	) Solenoid, #8, 12vdc	3
▲▽	26	373664	(0000–	) Cartridge, Psi Cntrl, Valve, Hyd	1
▲▲	27	373673	(0000–	) Nut, Solenoid	1
▲▲	28	373672	(0000–	) Seal Kit, Cartridge	1
▲	29	373669	(0000–	) Plug, Orifice, Valve, Hyd, .063	1

Fig. 12 – Hydraulic Valve Breakdown, 1038566

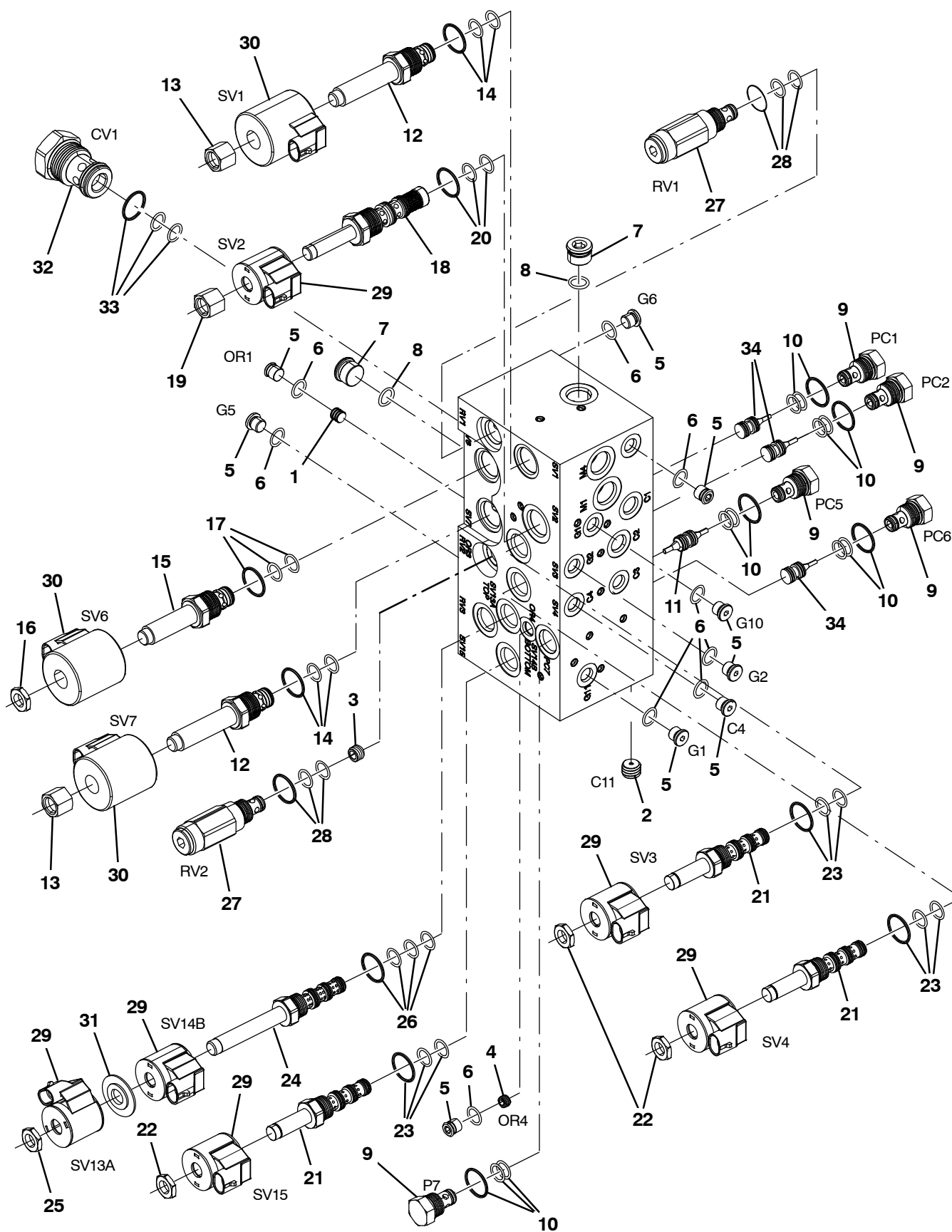


Fig. 12 – Hydraulic Valve Breakdown, 1038566

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1038566	(0000–	) Valve, Hyd, Solenoid, 12vdc	1
▲	1	373665	(0000–	) Plug, Orifice, Valve, Hyd, .046	1
▲	2	373633	(0000–	) Plug, Orifice, Valve, Hyd, .040	1
▲	3	9004475	(0000–	) Plug Orifice, Valve, Hyd, .140	1
▲	4	373660	(0000–	) Plug, Orifice, Valve, Hyd, .030	1
▲▽	5	74098	(0000–	) Fitting, Hyd, Plug, Om04	9
▲▲	6	77003	(0000–	) Seal, Org, .072 X 00.35id #04	1
▲▽	7	13904	(0000–	) Fitting, Plug, Org, #6, Valve [Cec]	2
▲▲	8	77005	(0000–	) Seal, Org, .078 X 00.47id #06	1
▲▽	9	373656	(0000–	) Valve, Check	5
▲▲	10	373647	(0000–	) Seal Kit, Cartridge	1
▲	11	373688	(0000–	) Spool, Pilot, Dual, Hyd	1
▲▽	12	373663	(0000–	) Valve, Stem, No	2
▲▲	13	373670	(0000–	) Nut, Solenoid	1
▲▲	14	373671	(0000–	) Seal Kit, Cartridge	1
▲▽	15	373667	(0000–	) Stem, Valve, Hyd	1
▲▲	16	373648	(0000–	) Nut, Coil, F/#8	1
▲▲	17	373671	(0000–	) Seal Kit, Cartridge	1
▲▽	18	373664	(0000–	) Cartridge, Psi Cntrl, Valve, Hyd	1
▲▲	19	373673	(0000–	) Nut, Solenoid	1
▲▲	20	373672	(0000–	) Seal Kit, Cartridge	1
▲▽	21	373657	(0000–	) Stem, Valve, Hyd [4w2p]	3
▲▲	22	373648	(0000–	) Nut, Coil, F/#8	1
▲▲	23	373647	(0000–	) Seal Kit, Cartridge	1
▲▽	24	373637	(0000–	) Valve, Cntrl, Solenoid	1
▲▲	25	373684	(0000–	) Nut, Coil, Nyl Patch	2
▲▲	26	373671	(0000–	) Seal Kit, Cartridge	1
▲▽	27	373666	(0000–	) Valve, Relief	2
▲▲	28	373647	(0000–	) Seal Kit, Cartridge	1
▲	29	373640	(0000–	) Solenoid, #8, 12vdc	6
▲	30	373642	(0000–	) Solenoid, #10, 12vdc	3
▲	31	373639	(0000–	) Spacer, Coil, #8	1
▲▽	32	373668	(0000–	) Valve, Check	1
▲▲	33	373671	(0000–	) Seal Kit, Cartridge	1
▲	34	373658	(0000–	) Spool, Pilot, Hyd	3

Fig. 13 – Hydraulic Valve Breakdown, 1072995

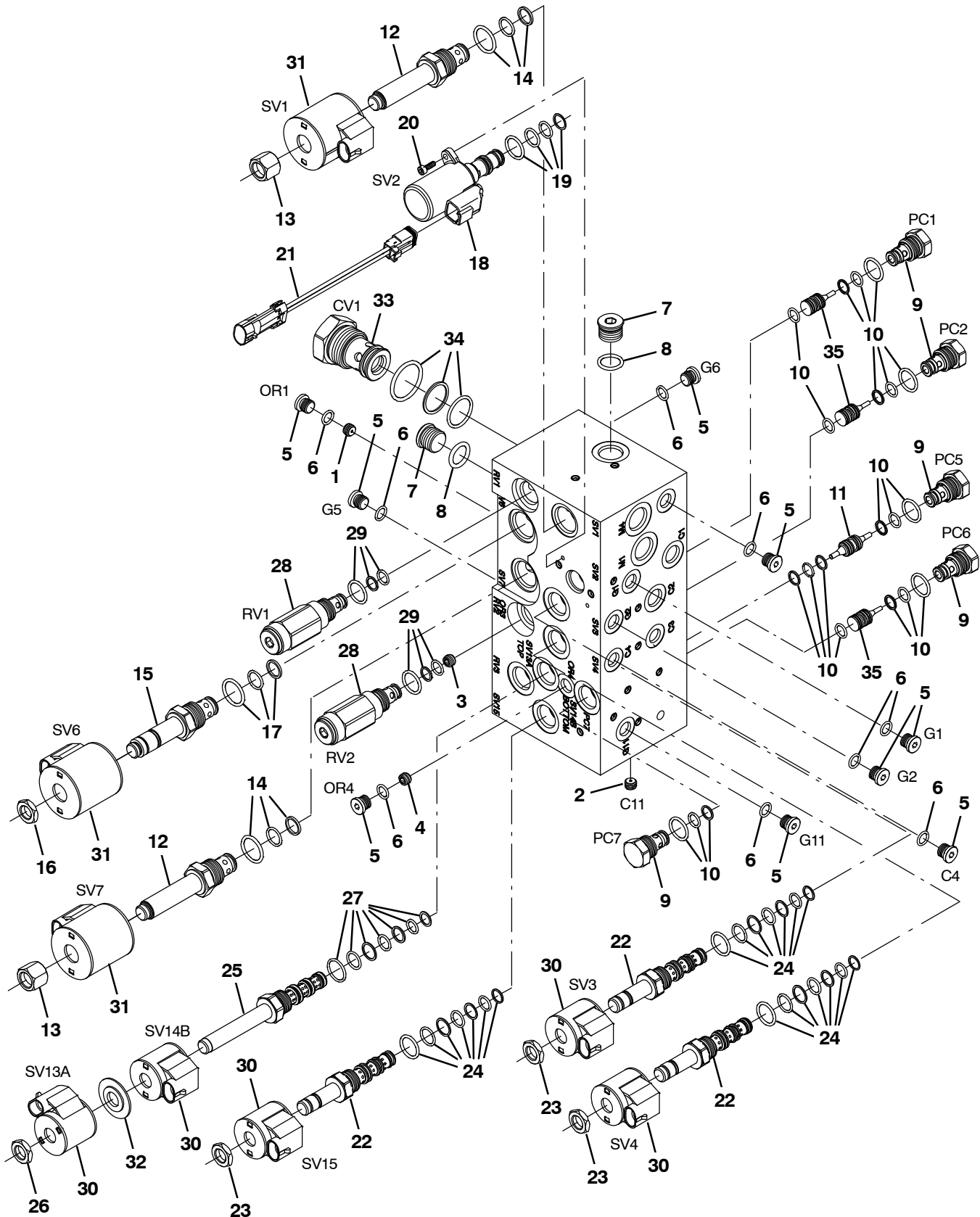


Fig. 13 – Hydraulic Valve Breakdown, 1072995

Ref.	Part No.	Serial Number	Description	Qty.
▽	1072995	(0000–	) Valve, Cntrl, Hyd, Solenoid, 12vdc 10gpm	1
▲	1 373665	(0000–	) Plug, Orifice, Valve, Hyd, .046	1
▲	2 373633	(0000–	) Plug, Orifice, Valve, Hyd, .040	1
▲	3 9004475	(0000–	) Plug Orifice, Valve, Hyd, .140	1
▲	4 373660	(0000–	) Plug, Orifice, Valve, Hyd, .030	1
▲▽	5 74098	(0000–	) Fitting, Hyd, Plug, Om04	9
▲▲	6 77003	(0000–	) Seal, Org, .072 X 00.35id #04	1
▲▽	7 13904	(0000–	) Fitting, Plug, Org, #6, Valve [Cec]	2
▲▲	8 77005	(0000–	) Seal, Org, .078 X 00.47id #06	1
▲▽	9 373656	(0000–	) Valve, Check	5
▲▲	10 373647	(0000–	) Seal Kit, Cartridge	1
▲	11 373688	(0000–	) Spool, Pilot, Dual, Hyd	1
▲▽	12 373663	(0000–	) Valve, Stem, No	2
▲▲	13 373670	(0000–	) Nut, Solenoid	1
▲▲	14 373671	(0000–	) Seal Kit, Cartridge	1
▲▽	15 373667	(0000–	) Stem, Valve, Hyd	1
▲▲	16 373648	(0000–	) Nut, Coil, F/#8	1
▲▲	17 373671	(0000–	) Seal Kit, Cartridge	1
▲▽	18 9011347	(0000–	) Valve Assy [Proportional]	1
▲▲	19 9011343	(0000–	) Seal Kit, Valve [Ehpr98]	1
▲▲	20 9011345	(0000–	) Screw, Mtg [Ehpr98]	2
▲▲	21 9011346	(0000–	) Harness, Jumper [Deutsch To Mpack]	1
▲▽	22 373657	(0000–	) Stem, Valve, Hyd [4w2p]	3
▲▲	23 373648	(0000–	) Nut, Coil, F/#8	1
▲▲	24 373647	(0000–	) Seal Kit, Cartridge	1
▲▽	25 373637	(0000–	) Valve, Cntrl, Solenoid	1
▲▲	26 373684	(0000–	) Nut, Coil, Nyl Patch	2
▲▲	27 373671	(0000–	) Seal Kit, Cartridge	1
▲▽	28 373666	(0000–	) Valve, Relief	2
▲▲	29 373647	(0000–	) Seal Kit, Cartridge	1
▲	30 373640	(0000–	) Solenoid, #8, 12vdc	5
▲	31 373642	(0000–	) Solenoid, #10, 12vdc	3
▲	32 373639	(0000–	) Spacer, Coil, #8	1
▲▽	33 373668	(0000–	) Valve, Check	1
▲▲	34 373671	(0000–	) Seal Kit, Cartridge	1
▲	35 373658	(0000–	) Spool, Pilot, Hyd	3

Fig. 14 – Hydraulic Steering Valve Breakdown, 1024260

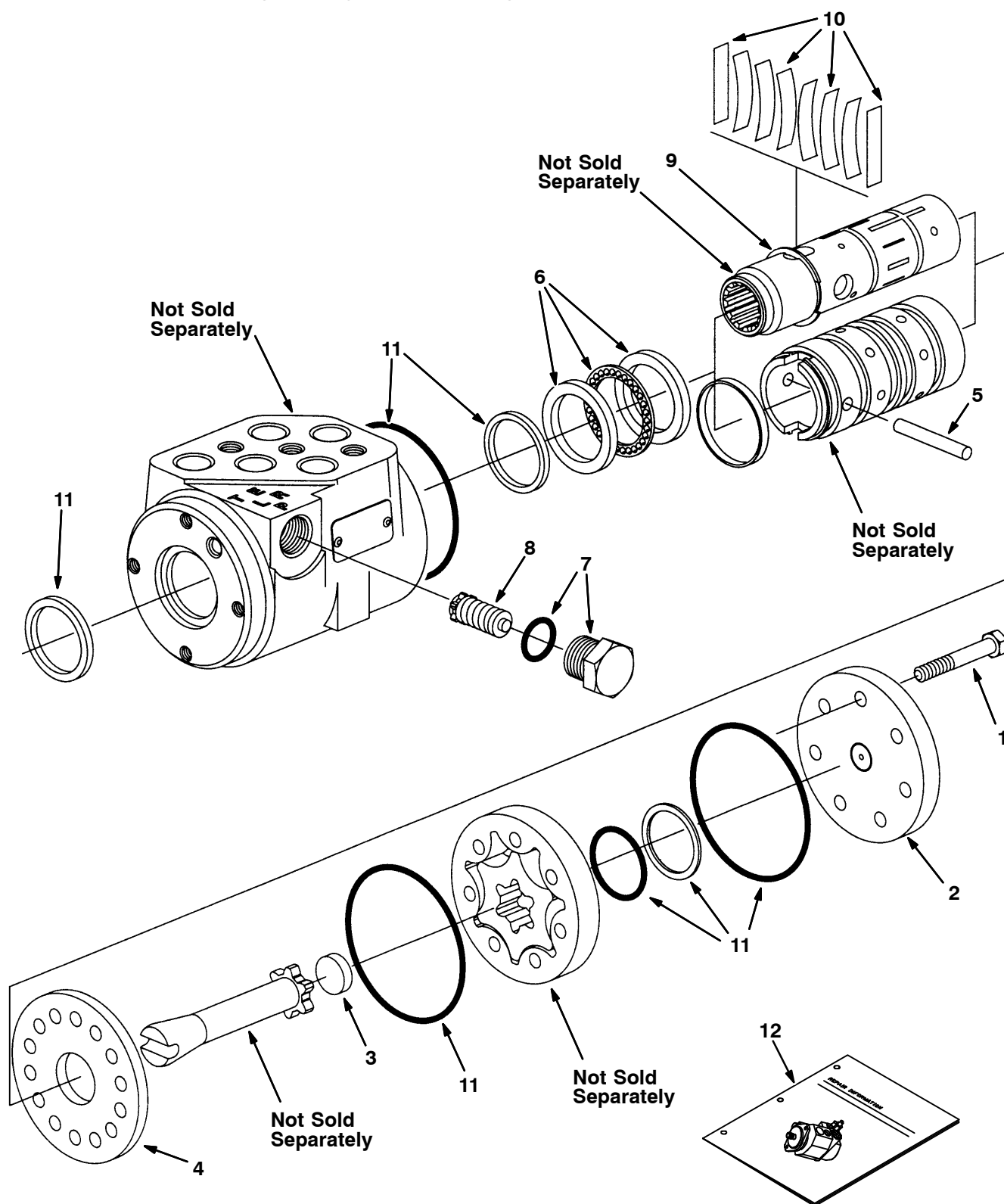
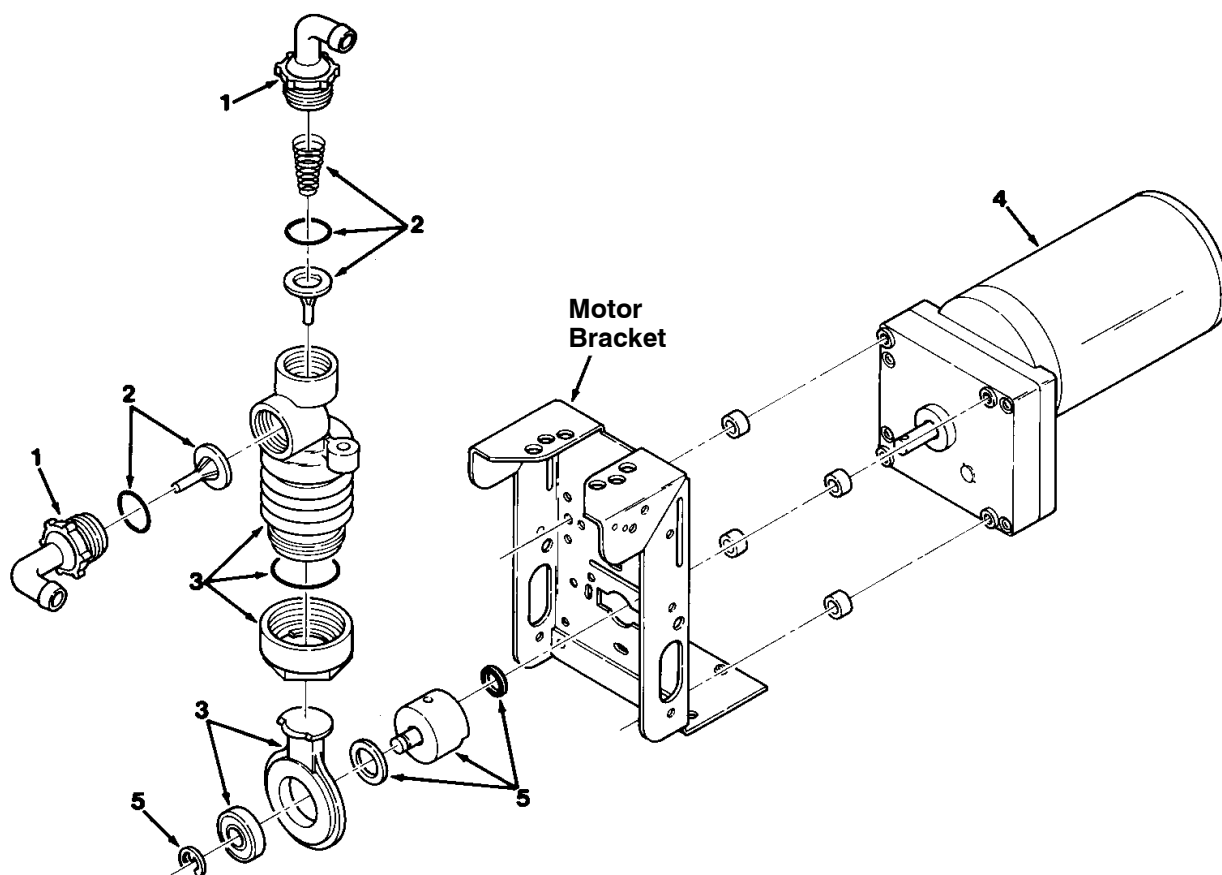


Fig. 14 – Hydraulic Steering Valve Breakdown, 1024260

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1024260	(0000–	) Steer–Control, Hyd05, 06.1 2030	1
▲	1	74183	(0000–	) Screw, Valve, Steering	7
▲	2	74185	(0000–	) Cap, End, Valve, Steering	1
▲	3	74193	(0000–	) Spacer, Valve, Steering	1
▲	4	74222	(0000–	) Plate, Wear, Steering Valve	1
▲	5	74232	(0000–	) Pin, Valve, Steering	1
▲	6	21935	(0000–	) Bearing Kit [CI]	1
▲	7	21933	(0000–	) Plug Assy [CI]	1
▲	8	21934	(0000–	) Valve Assy, Relief [CI]	1
▲	9	74243	(0000–	) Ring, Retainer, Steering Valve	1
▲	10	74196	(0000–	) Spring Kit, Scu [CI]	1
▲	11	74244	(0000–	) Seal Kit, Steering [CI]	1
▲	12	74245	(0000–	) Instr, Valve, Steering, Repair	1

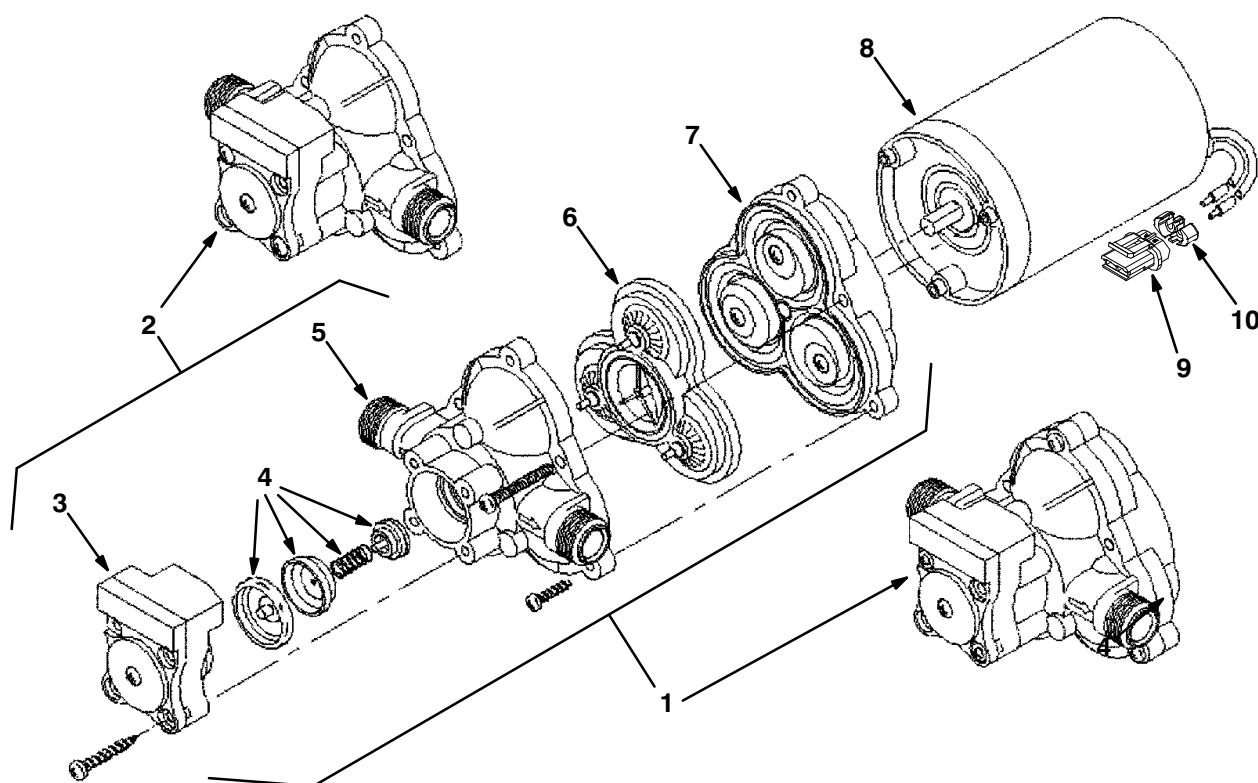
Fig. 15 – Metering Solution Pump Breakdown, 73260



00112 – ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	73260	(0000–	) Pump, Detgt, 14vdc, 150ml/Min 20psi	1
▲	1	63923	) Tubing Connctr.Kit, Gorman Pmp	1
▲	2	21659	) Valve Kit, Poppet, Gorman Rupp	1
▲	3	21657	) Kit, Bellows, Pump, Detgt	1
▲	4	78875	) Motor, Ele, Gear, 14vdc, Pump, Detgt	1
▲	5	02430	) Crank Kit, Pump, F/79323, Replmt	1

Fig. 16 – Water Pump Breakdown, 1026743



07490 – 09670

Ref.	Part No.	Serial Number	Description	Qty.
▽	1026743	(0000–	) Pump, Diaphragm	1
▲	1	1031802	(0000–) Complete Pump Kit, Pump, Repair,	1
▲	2	1031803	(0000–) Hsg & Switch Kit, Pump, Repair,	1
▲	3	1031796	(0000–) Switch Kit, Pump, Repair,	1
▲	4	1031797	(0000–) Chech Valve Kit, Pump, Repair,	1
▲	5	1031798	(0000–) Upper Hsg Kit, Pump, Repair,	1
▲	6	1031799	(0000–) Bypass Valve Kit, Pump, Repair,	1
▲	7	1031800	(0000–) Diaphragm Kit, Pump, Repair,	1
▲	8	1031801	(0000–) Motor Kit, Pump, Repair,	1
▲	9	78950	(0000–) Connector, Fem, 02cav, Mp280 Sealed	1
▲	10	78952	(0000–) Lock, Secondary, 2cav, Mp280 Sealed	1
▲		78951	(0000–) Terminal, Fem, Mp280, Sealed, 18–16ga	2
▲		10917	(0000–) Seal, Wire, 14/16ga [Wp / Mp280 Sealed]	2

Fig. 17 – ec-H2O Module Assembly Breakdown, 9007882

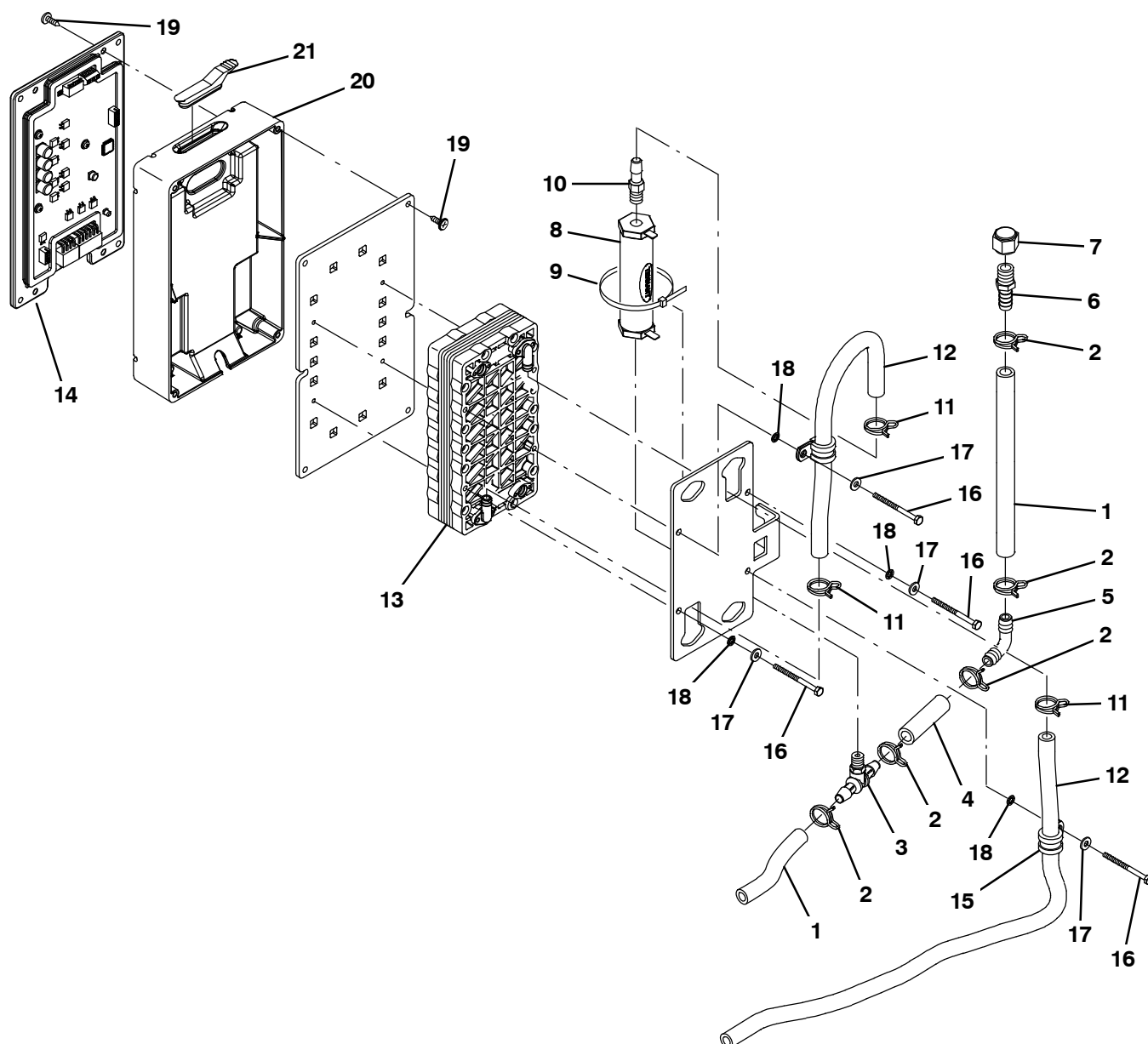


Fig. 17 – ec-H20 Module Assembly Breakdown, 9007882

Ref.	Part No.	Serial Number	Description	Qty.
▽	9007882	(0000–	) Module Kit, Replmt [Ec-H20]	1
▲	1 1014974	(0000–	) Hose, Afmkt, Pvc, Brd, 0.38id, 02ft, Clr	2
▲	2 607775	(0000–	) Clamp, Hose, Wir, .63 – .66, Blk	5
▲	3 1060517	(0000–	) Fitting, Plstc, Tee, Bm06/Pm02/Bm06	1
▲	4 1014971	(0000–	) Hose, Afmkt, Pvc, Brd, 0.38id, 01ft, Clr	1
▲	5 20951	(0000–	) Fitting, Plstc, E90, Bm06/Bm06	1
▲	6 150540	(0000–	) Fitting, Plstc, Str, Bm06/Pm04	1
▲	7 1005435	(0000–	) Fitting, Plstc, Pipe, Cap, Pf04	1
▲	8 1038159	(0000–	) Electrode, Cylindrical	1
▲	9 44961	(0000–	) Tie, Cable, Nyl, 14.5l .30w 4.0 Max D	1
▲	10 1060695	(0000–	) Fitting, Plstc, Str, Pm02/Bm05	1
▲	11 1053464	(0000–	) Clamp, Hose, Wir, .52 – .56, Yel	3
▲	12 1052336	(0000–	) Hose, Afmkt, PVC, Brd, 0.31ld, 03Ft, Clr	1
▲	13 1057637	(0000–	) Electrode, 5 Plate, High Flow	1
▲	14 9007883	(0000–	) Controller Kit, Replmt [Ec-H20]	1
▲	15 1016354	(0000–	) Clamp, Cable, Ss, 0.50d X 0.50w [Insul]	2
▲	16 32509	(0000–	) Screw, Hex, M4 X 0.70 X 50, Ss	4
▲	17 41579	(0000–	) Washer, Flat, 08, Ss	4
▲	18 02938	(0000–	) Washer, Lock, Int, 08, Ss	4
▲	19 1018155	(0000–	) Screw, Pan, Phl, M5 X 0.80 X 16, Tcut, Ss	8
▲	20 1037032	(0000–	) Housing, Bottom	1
▲	21 1054776	(0000–	) Grommet, Blind	1

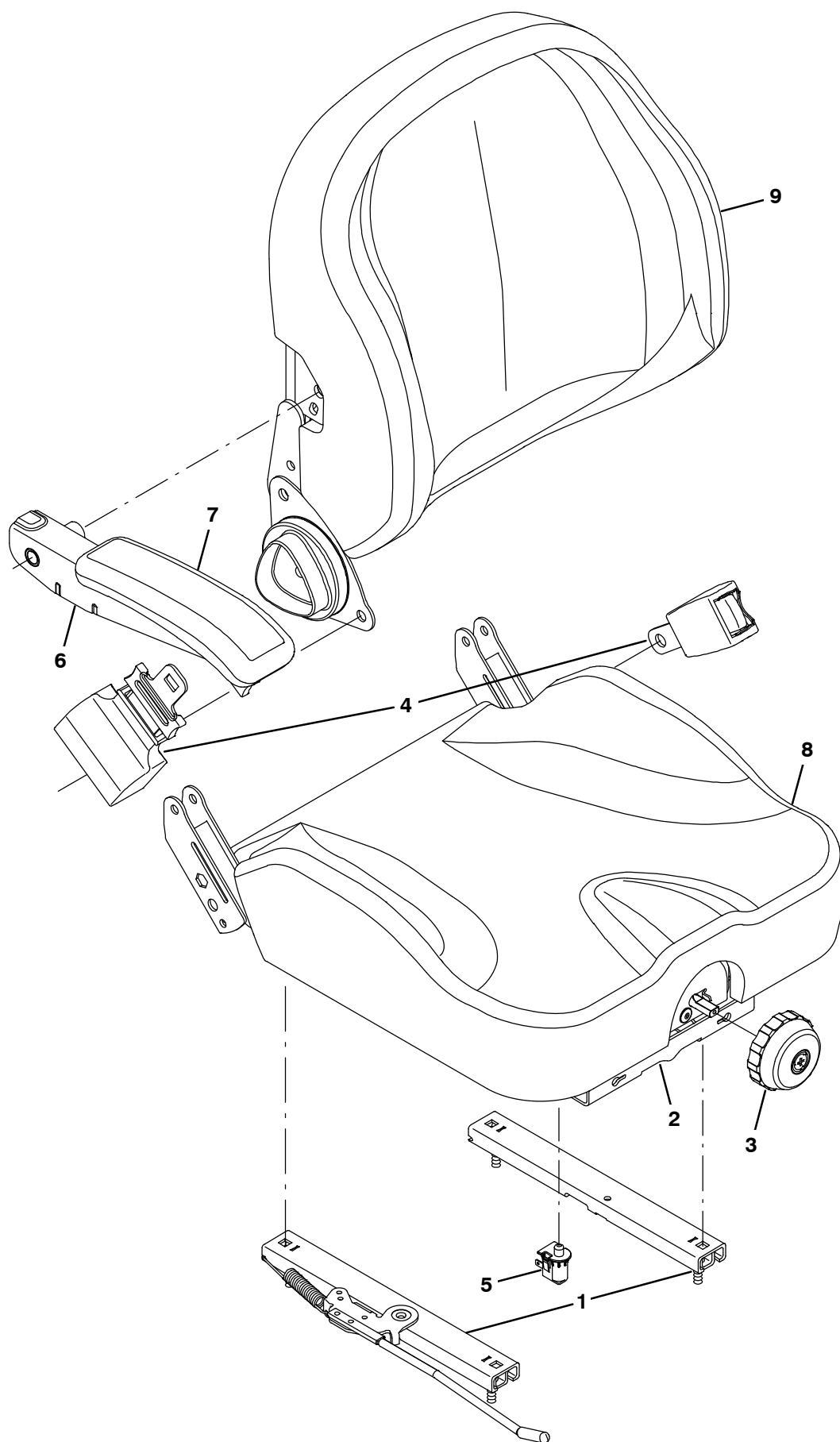
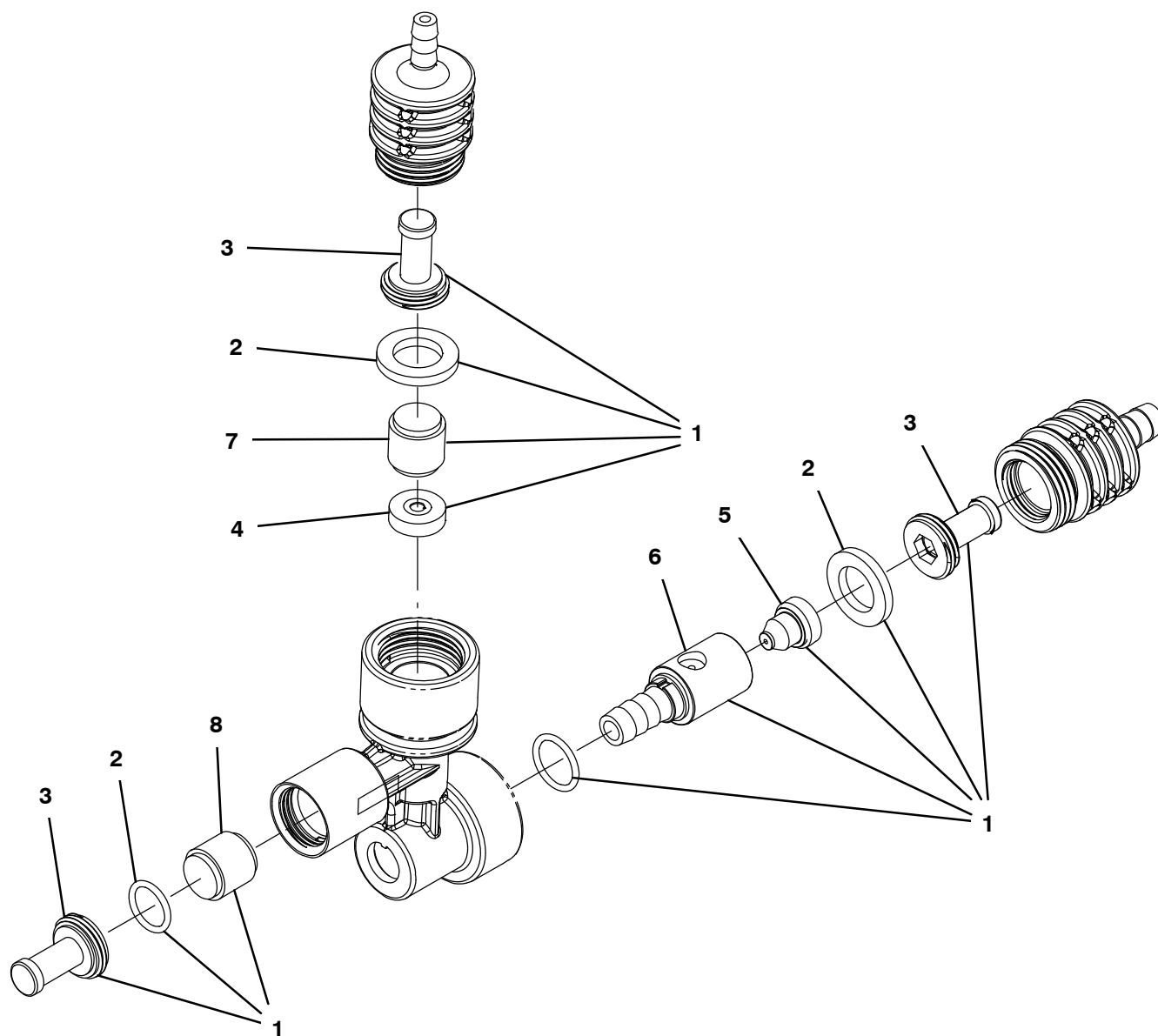
Fig. 18 – Seat Breakdown, 1072456

Fig. 18 – Seat Breakdown, 1072456

	Ref.	Part No.	Serial Number	Description	Qty.
▽		1072456	(0000–	) Seat	1
▲	1	9012585	(0000–	) Track Assy, Slide	1
▲	2	9012587	(0000–	) Bellows, Seat	1
▲	3	9012589	(0000–	) Knobs, Adjmt, Weight	1
▲	4	9012590	(0000–	) Seatbelt	1
▲	5	9012591	(0000–	) Switch, Seat	1
▲	6	9012592	(0000–	) Armrest	1
▲	7	9012593	(0000–	) Pad, Armrest	1
▲	8	9012594	(0000–	) Cover, Cushion	1
▲	9	9012595	(0000–	) Cover, Backrest	1

Fig. 19 – FaST Injector Assembly Breakdown, 9008868



356271

Ref.	Part No.	Serial Number	Description	Qty.
▽	9008868	(0000–	) Fast Kit, Injector [M20/T20/m30 Fast III]	1
▲▽	1 9008757	(0000–	) FaST Kit, Ci [inj Reblid, M30/M20 III]	1
▲▲	2 9008848	(0000–	) Fast Kit, Seal, injector, Ci [Fast III]	1
▲▲	3 9003009	(0000–	) Fast Kit, Ci, Injector Filters[Fast li+]	1
▲▲	4 1059878	(0000–	) Plate Assy, Orifice, 0.0105ld, Green	1
▲▲	5 1042710	(0000–	) Plug, Orifice, 0.060, Ss [Fast li+]	1
▲▲	6 1059234	(0000–	) Insert, :Lrg [Venturi, FaST III]	1
▲▲	7 1030444	(0000–	) Valve, Check, 0002psi [Fast li+]	1
▲▲	8 1030441	(0000–	) Valve, Check, 0005psi [Fast li+]	1

SECTION 5

Contents	Page
Fig. 1 – Crankcase Group	5-2
Fig. 2 – Oil Pan Group	5-4
Fig. 3 – Cylinder Head Group	5-5
Fig. 4 – Gear Case Group	5-6
Fig. 5 – Water Pump Group	5-8
Fig. 6 – Main Bearing Case Group	5-9
Fig. 7 – Head Cover Group	5-10
Fig. 8 – Manifold Group	5-11
Fig. 9 – Valve, Rocker Arm Group	5-12
Fig. 10 – Fuel Camshaft Group	5-13
Fig. 11 – Camshaft Group	5-14
Fig. 12 – Piston and Crankshaft Group	5-16
Fig. 13 – Flywheel Group	5-18
Fig. 14 – Starter Breakdown, 74405	5-20
Fig. 15 – Nozzle Holder and Glow Plug Group	5-22
Fig. 16 – Injection Pump Group	5-24
Fig. 17 – Injection Pump Breakdown	5-26
Fig. 18 – Idling Group	5-28
Fig. 19 – Speed Control Plate Group	5-29
Fig. 20 – Governor Group	5-30
Fig. 21 – Water Flange Group	5-31

Fig. 1 - Crankcase Group

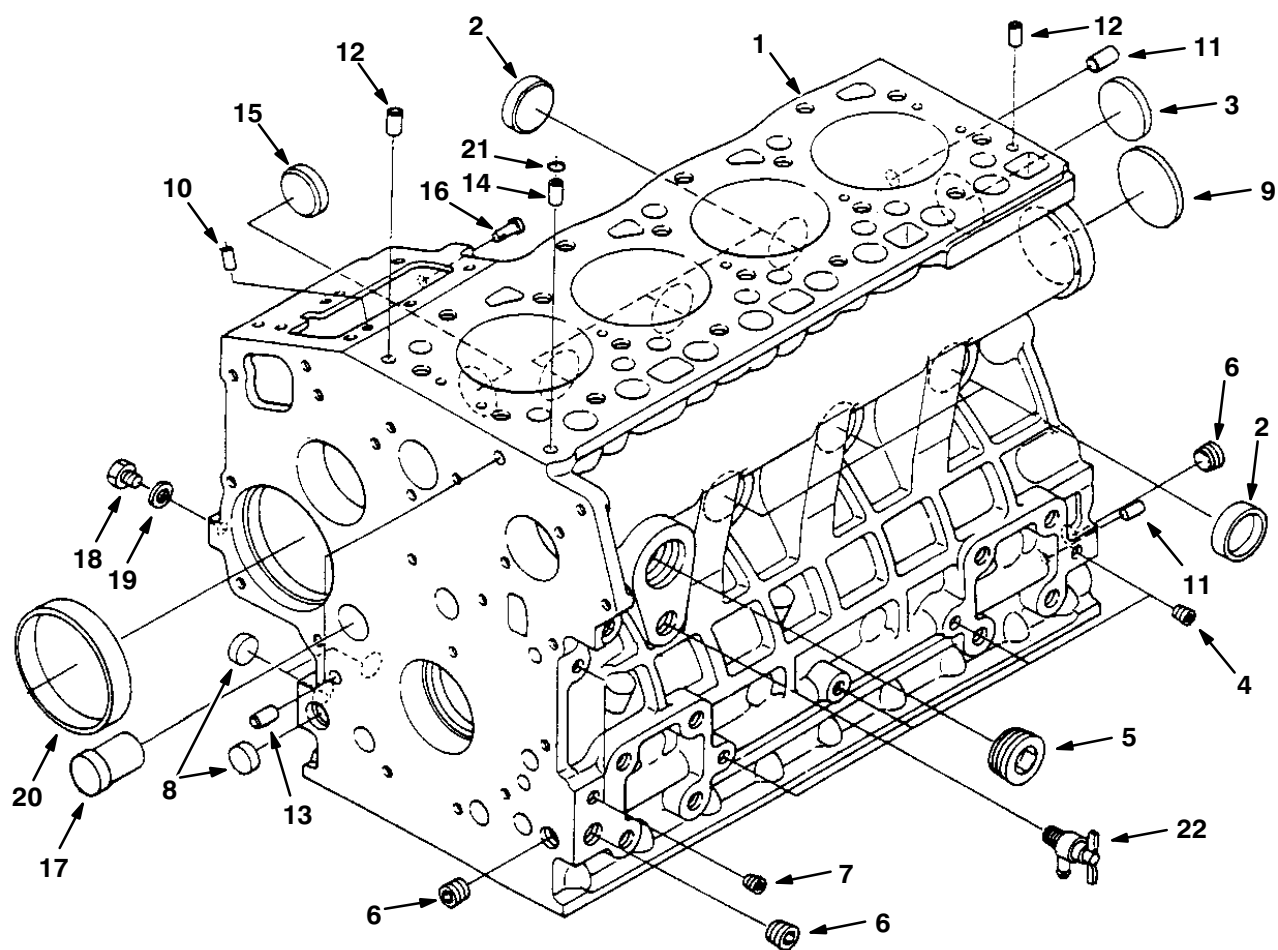
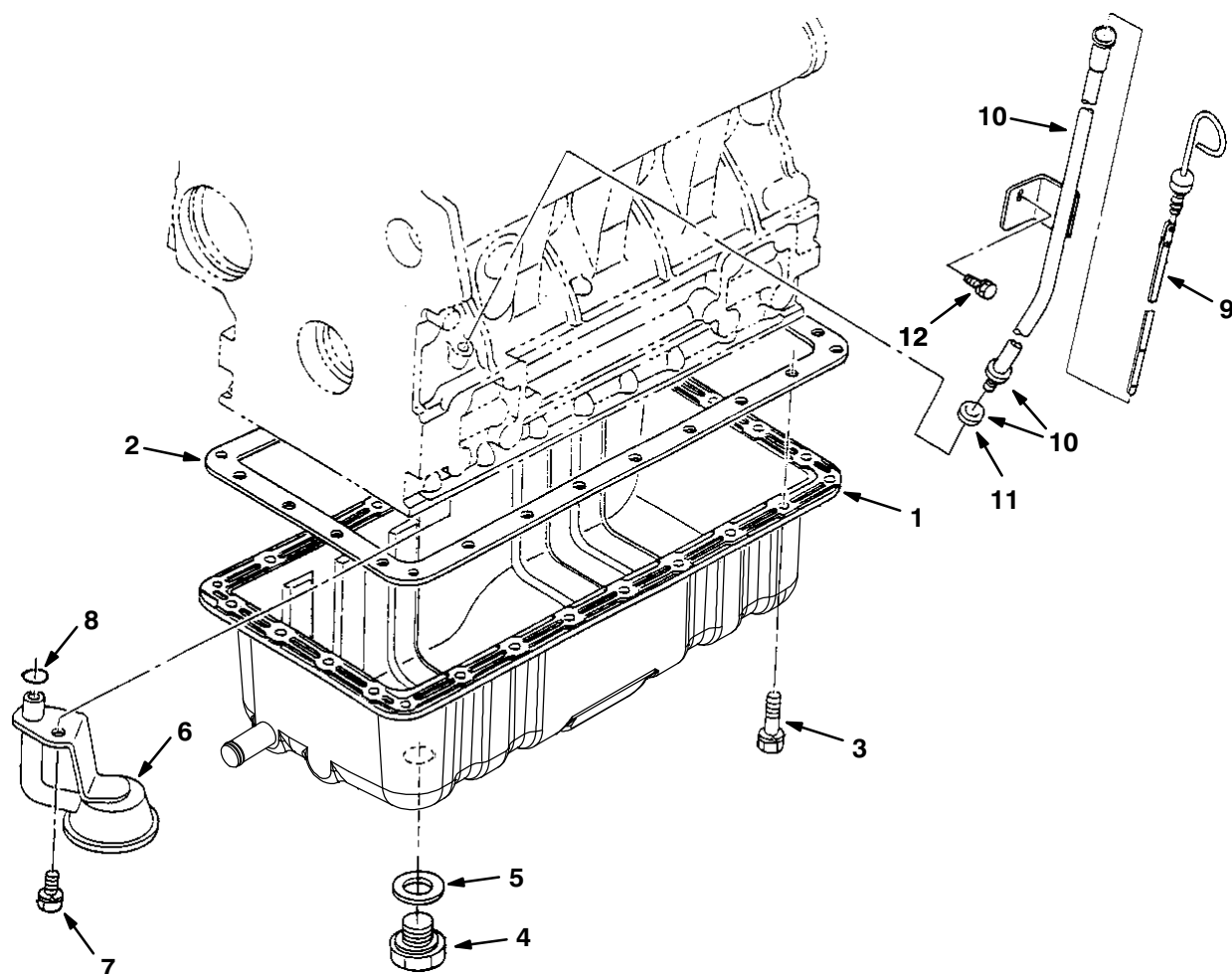


Fig. 1 – Crankcase Group

	Ref.	Part No.	Description	Qty.
▽	1	372920	Crankcase, Complt	1
▲	2	70998	Cap, Sealing	6
▲	3	39087	Cap, Sealing	1
▲	4	39088	Plug	4
▲	5	84647	Plug	1
▲	6	71985	Plug	3
▲	7	39051	Plug	2
▲	8	361436	Plug, Expansion	3
▲	9	71986	Plug, Expansion	1
▲	10	71987	Pin, Straight	2
▲	11	71988	Pin, Straight	2
▲	12	71989	Pin, Straight	2
▲	13	71990	Pin, Pipe	2
▲	14	71991	Pin, Pipe	1
▲	15	71992	Plug	1
▲	16	39105	Pin, Start Spring	1
▲	17	71993	Plug	1
▲	18	39062	Plug	1
▲	19	10895	Gasket	1
▲	20	70887	Bush, Governor Gear	1
	21	39063	O-Ring	1
	22	70888	Assembly Cock, Drain	1

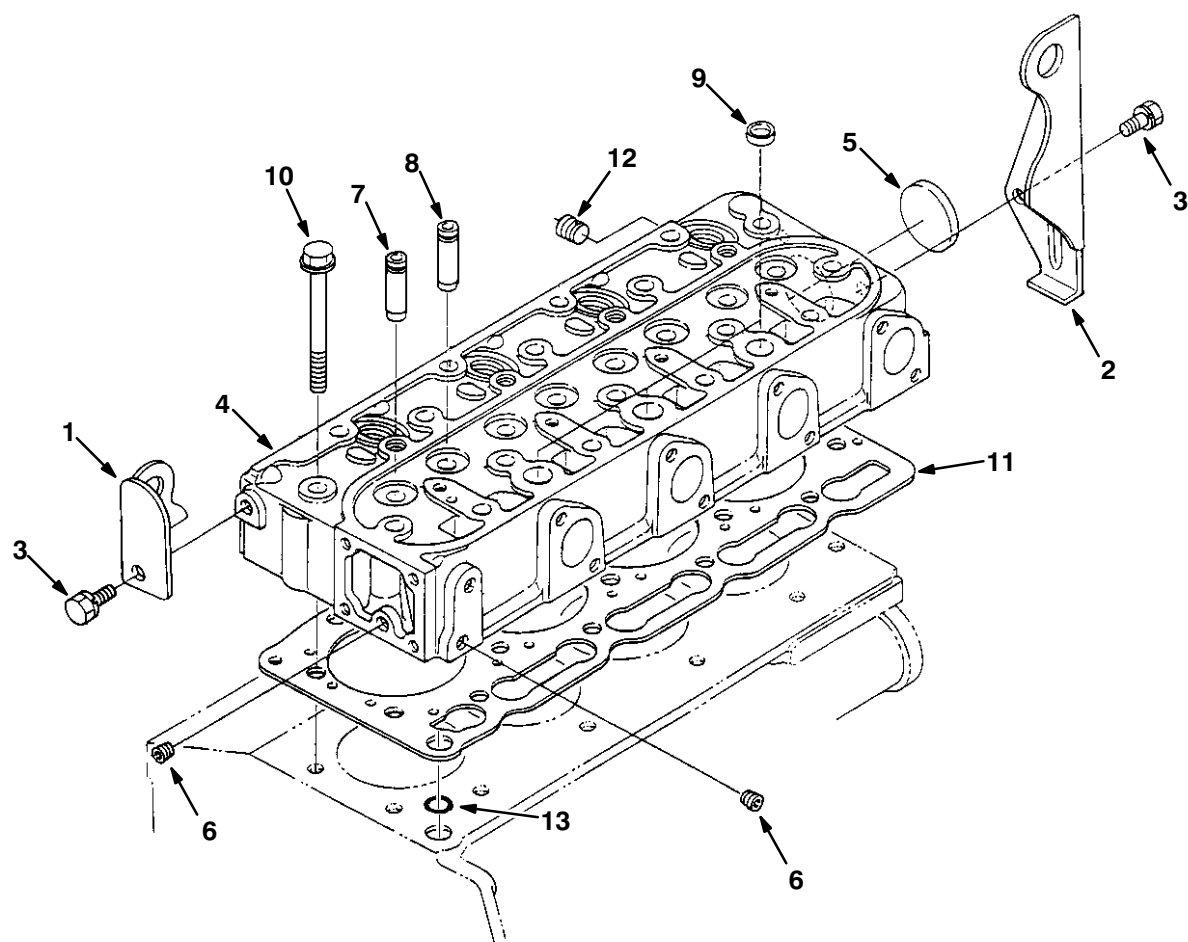
Fig. 2 – Oil Pan Group



07409 – M20, D

Ref.	Part No.	Description	Qty.
1	1023144	Comp. Oil Pan (Rear Sump)	1
2	70889	Gasket, Oil Pan	1
3	71995	Bolt	26
4	70890	Plug, Drain	1
5	70891	Gasket	1
6	9006001	Vr, Pump, Oil, Pickup [Sump, Ku]	1
7	39094	Bolt	1
8	41792	O-Ring	1
9	70893	Gauge, Oil	1
▽ 10	361428	Guide Assy, Oil Gauge	1
▲ 11	361366	O-Ring	1
12	39073	Bolt	1
	66187	Gasket Set, Lower	1

Fig. 3 – Cylinder Head Group



07411 – M20, D

Ref.	Part No.	Description	Qty.
1	71996	Hook, Engine 1	1
2	71997	Hook, Engine 2	1
3	39073	Bolt	2
4	84631	Head, Cyl, W/O Valves	1
▽ 4	372921	Head, Cyl, W/O Valves	1
▲ 5	51331	Cap, Sealing	1
▲ 6	39088	Plug	2
▲ 7	70895	Guide, Inlet Valve	4
▲ 8	70896	Guide, Exhaust Valve	4
▲ 9	71999	Cap, Sealing	3
10	70897	Bolt, Cylinder Head	18
11	70899	Gasket, Cyclinder Head	1
	66194	Gasket Set, Upper	1
12	72010	Plug	1
13	39063	O-Ring	1

Fig. 4 – Gear Case Group

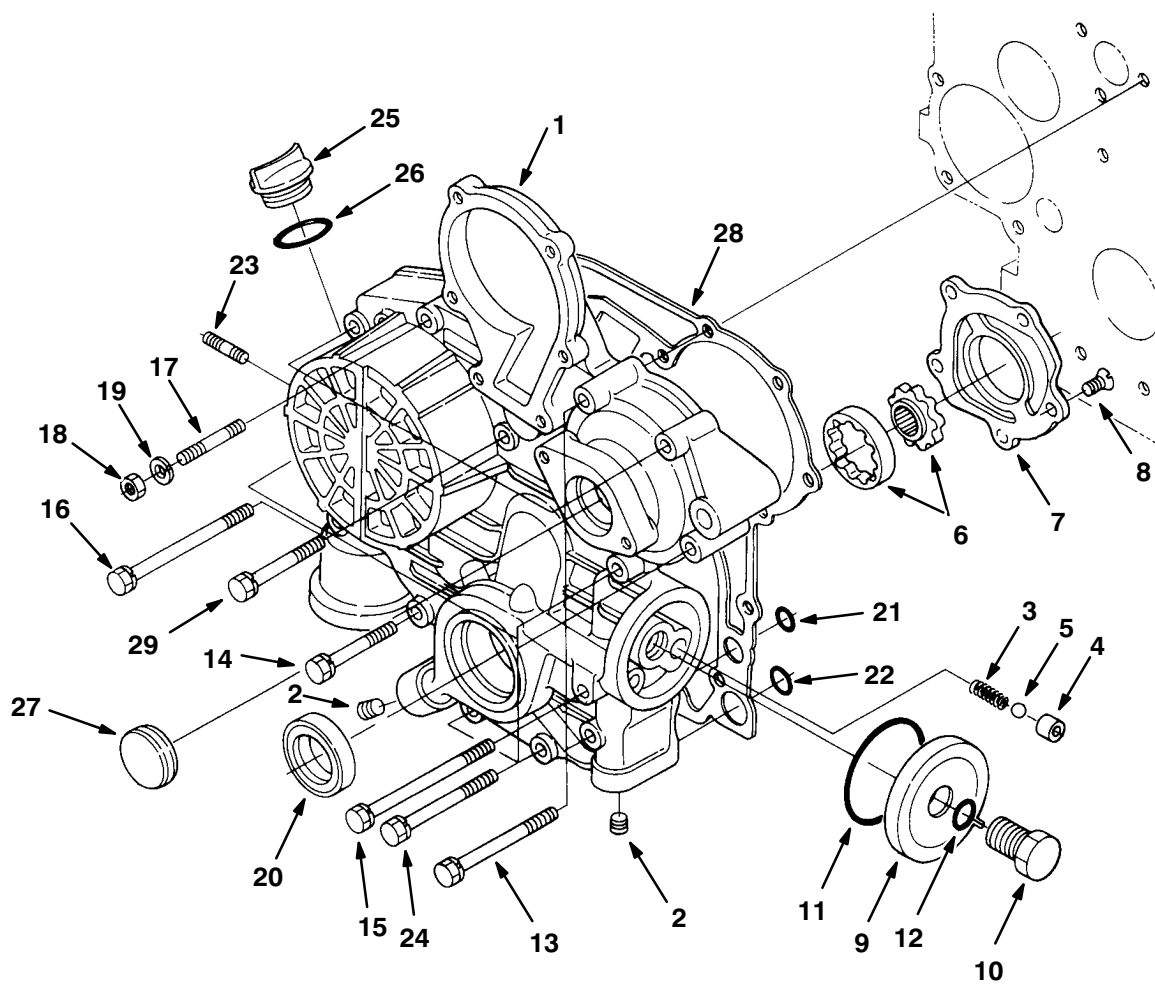
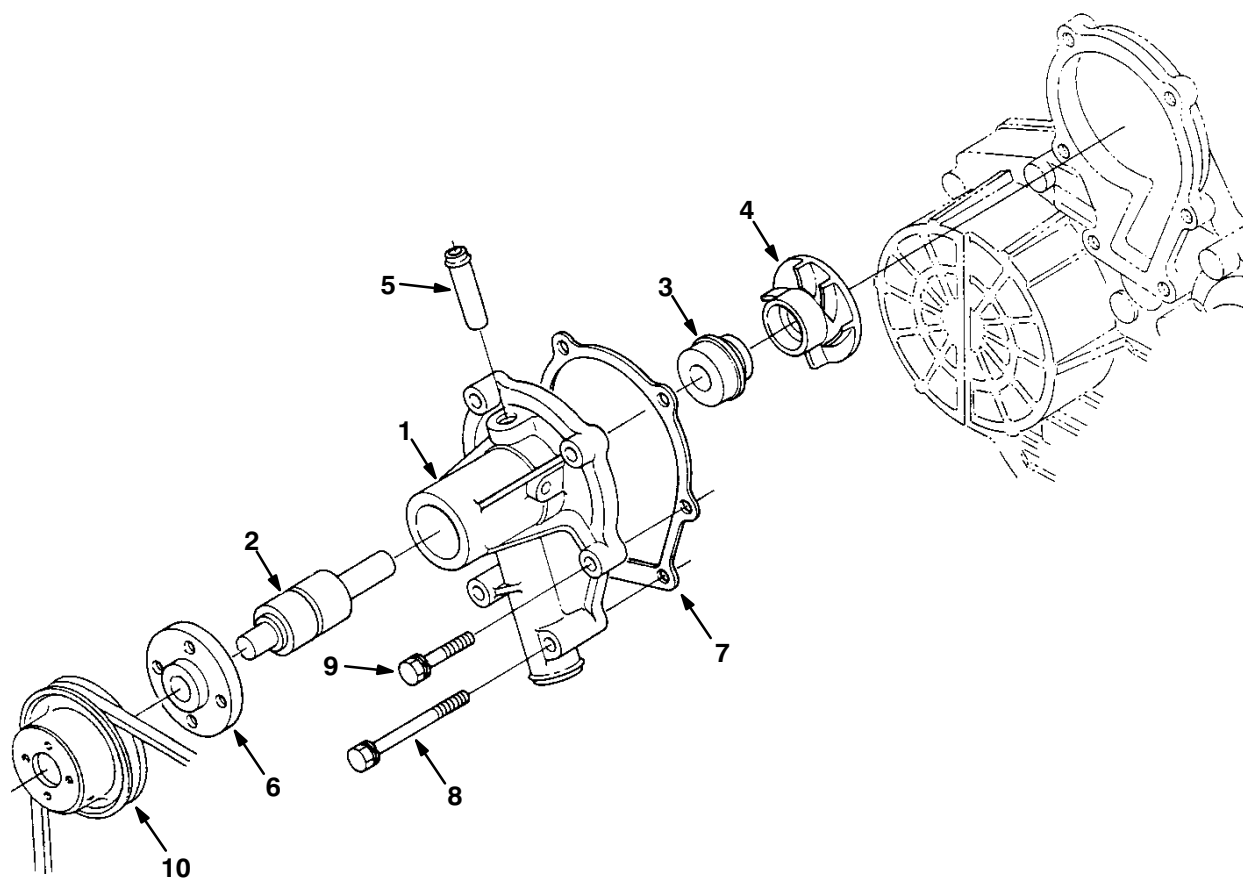


Fig. 4 – Gear Case Group

	Ref.	Part No.	Description	Qty.
▽	1	72011	Comp. Case, Gear	1
▲	2	72012	Plug	4
▲	3	70900	Spring	1
▲	4	70901	Seat, Valve	1
▲	5	70902	Ball	1
▲	6	70903	Assembly Rotor, Oil Pump	1
▲	7	70904	Cover, Oil Pump	1
▲	8	72013	Screw	5
▲	9	70905	Cover	1
▲	10	70906	Bolt	1
▲	11	70907	O–Ring	1
▲	12	39103	O–Ring	1
	13	72995	Bolt	2
	14	72014	Bolt	1
	15	72015	Bolt	2
	16	72016	Bolt	1
	17	72017	Stud	1
	18	39121	Nut	1
	19	39065	Washer, Spring	1
	20	70909	Seal, Oil	1
	21	70910	O–Ring	2
	22	70911	O–Ring	2
	23	72018	Stud	2
	24	72994	Bolt	4
	25	39161	Oil Filter, Plug	1
	26	70913	O–Ring	1
	27	70189	Cover	1
	28	70912	Gasket, Gear Case	1
	29	72993	Bolt	3

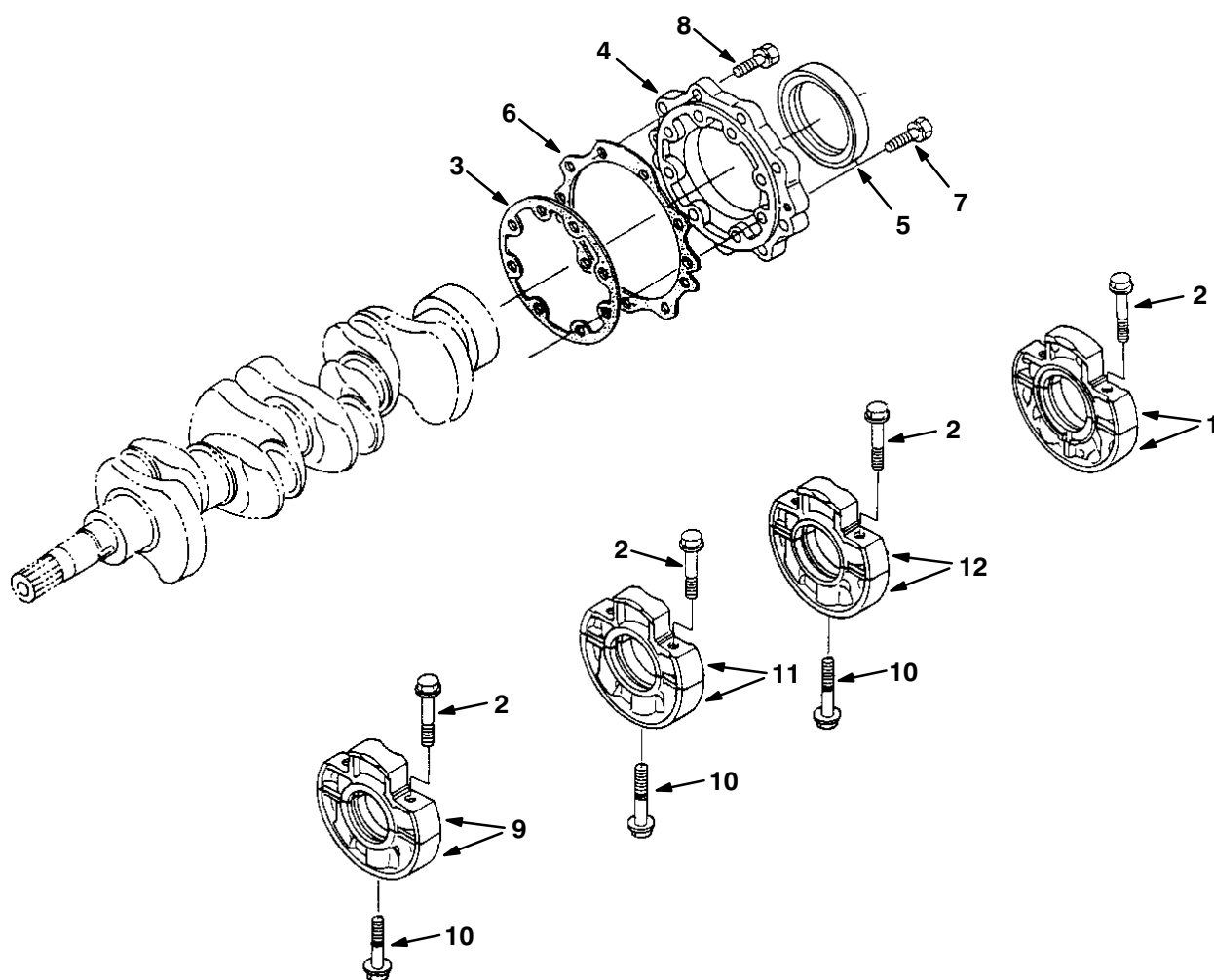
Fig. 5 – Water Pump Group



07415 – M20, D

Ref.	Part No.	Description	Qty.
▽	1 66205	Assembly Pump, Water	1
▲	2 70915	Bearing, Ball	1
▲	3 70916	Assembly Seal, Mechanical	1
▲	4 70917	Impeller, Water Pump	1
▲	5 361440	Fitting, Pipe, Water [Ku]	1
▲	6 70919	Flange, Pump, Water [Ku]	1
▲	7 70920	Gasket, Water Pump	1
	8 72997	Bolt	2
	9 72996	Bolt	4
	10 55847	Pully, Fan	1

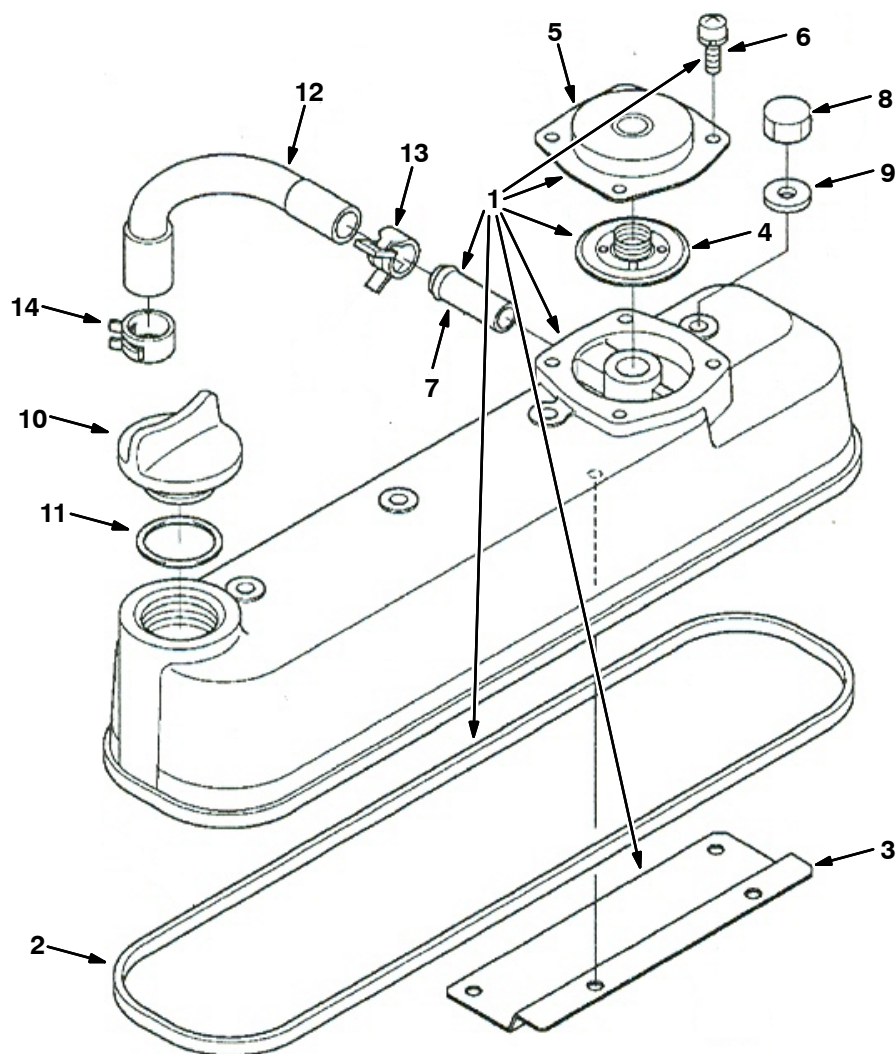
Fig. 6 – Main Bearing Case Group



07417 – M20, D

Ref.	Part No.	Description	Qty.
1	70921	Assembly Case, Main Bearing	1
2	72998	Bolt, Bearing Case 1	8
3	70922	Gasket, Bearing Case	1
4	70923	Cover, Bearing Case	1
5	70924	Seal, Oil	1
6	70925	Gasket, Bearing Case Cover	1
7	72999	Bolt	8
8	39119	Bolt	9
9	70926	Assembly Case, Main Bearing 1	1
10	73479	Bolt. Bearing Case 2	3
11	70927	Assembly Case, Main Bearing 2	1
12	70928	Assembly Case, Main Bearing 3	1

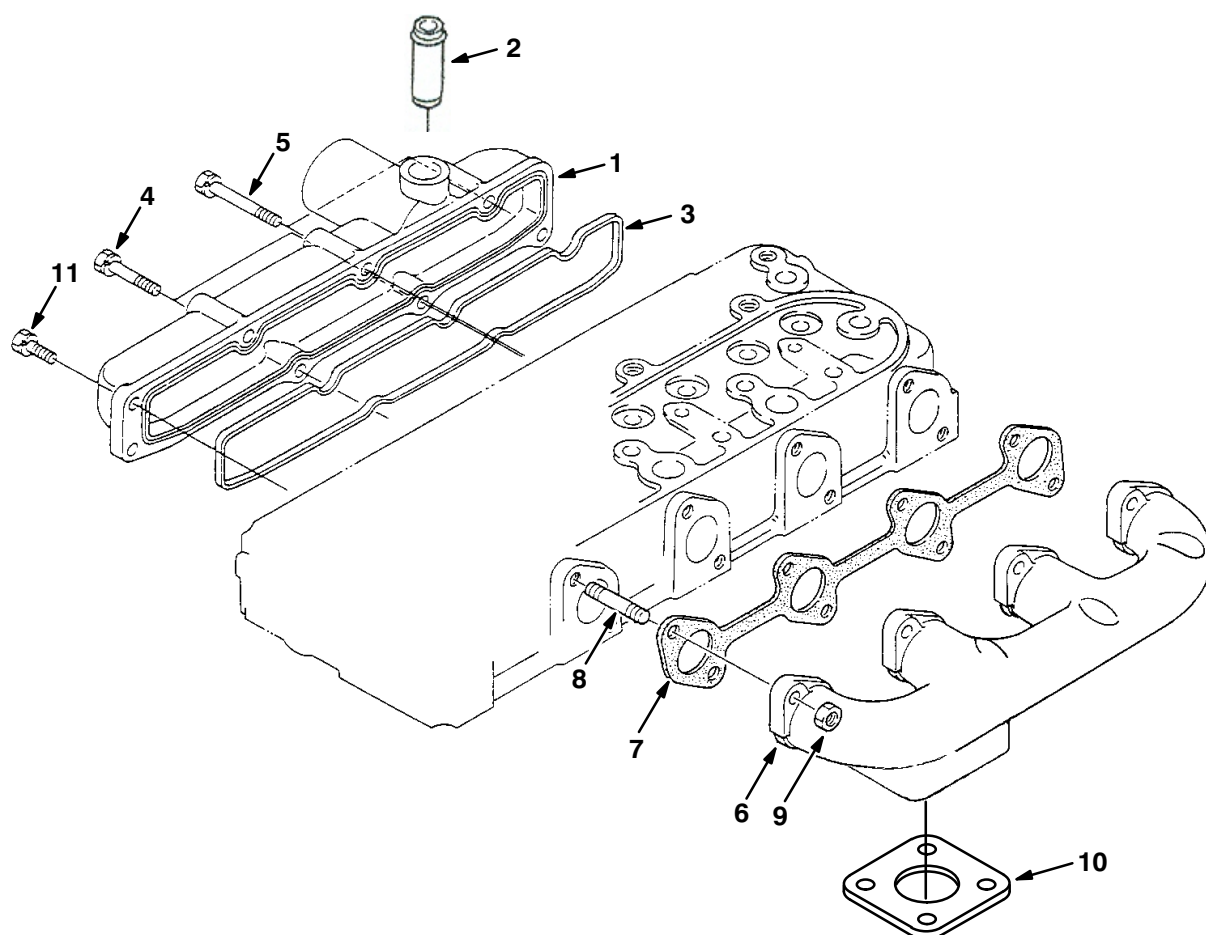
Fig. 7 – Head Cover Group



07419 – M20, D

	Ref.	Part No.	Description	Qty.
▽	1	372918	Cover Assy, Head, Cyl	1
▲	2	70929	Gasket, Head Cover	1
▲	3	372912	Shield, Breather	1
▲	4	372928	Valve, Breather, Complt	1
▲	5	372927	Cover, Breather	1
▲	6	372900	Screw, Pan	4
▲	7	30125	Pipe, Water	1
	8	73483	Nut, Cap	4
	9	73484	Gasket	4
	10	361374	Plug, Oil Filler	1
	11	70913	Seal, Org	1
	12	372913	Tube, Breather	1
	13	372901	Clamp, Hose	1
	14	372904	Clamp, Hose	1

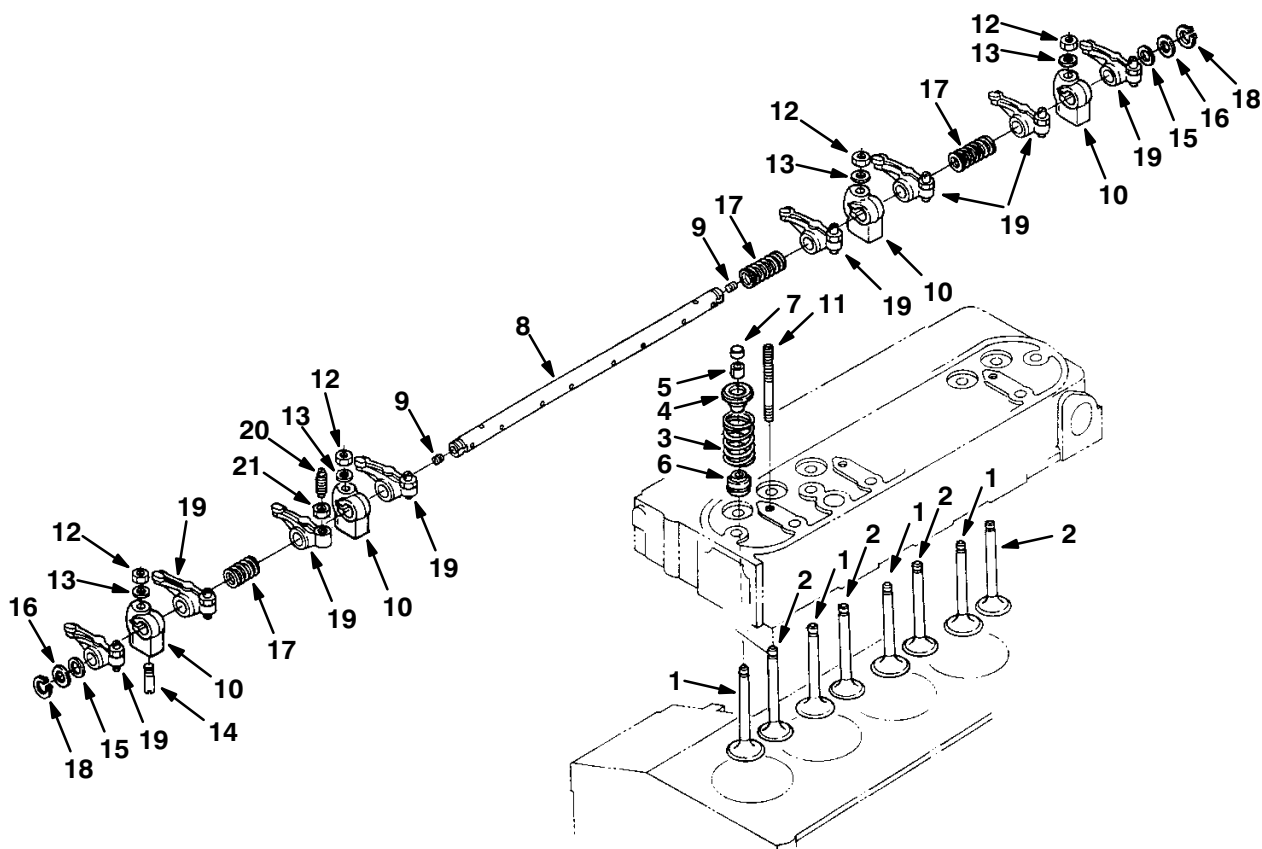
Fig. 8 – Manifold Group



07421 – M20, D

	Ref.	Part No.	Description	Qty.
▽	1	372905	Manifold Assy, Inlet	1
▲	2	73481	Pipe, Breather [Ku]	1
▲	3	70934	Gasket, Manifold, Intake [Ku]	1
	4	72996	Bolt	2
	5	72994	Bolt	3
	6	73487	Manifold, Exhaust, Front, Down	1
	7	70935	Gasket, Ex-manifold	1
	8	73488	Stud	8
	9	361427	Nut	8
	10	51332	Gasket Ku	1
	11	40409	Bolt	3

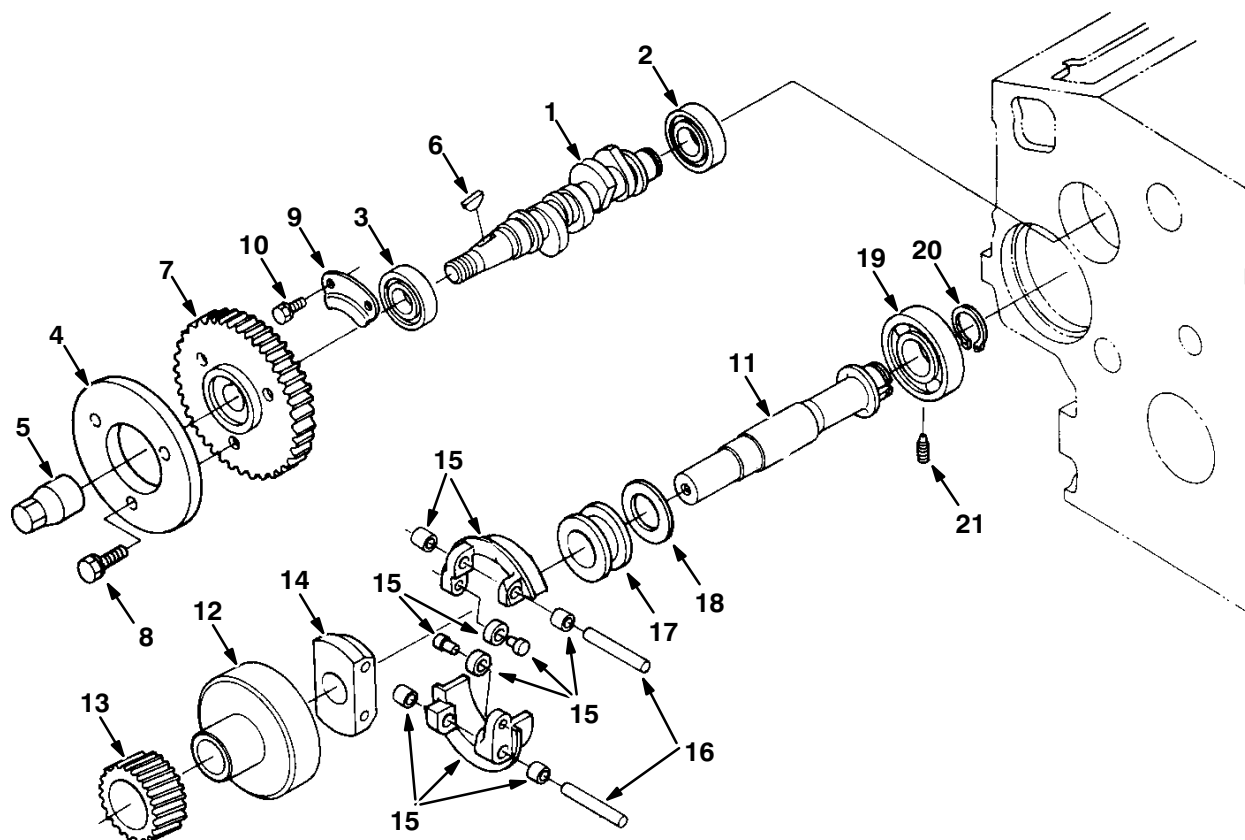
Fig. 9 – Valve, Rocker Arm Group



07423 – M20, D

Ref.	Part No.	Description	Qty.
1	70936	Valve, Inlet	4
2	70937	Valve, Exhaust	4
3	73491	Spring, Valve	8
4	73492	Retainer, Valve Spring	8
5	73493	Collet, Valve Spring	8
6	73494	Seal, Valve Stem	8
7	361392	Cap, Valve	8
▽ 8	73495	Assembly Shaft, R-arm	1
▲ 9	73496	Screw, Set	2
10	73497	Bracket, Rocker Arm	4
11	73498	Stud	4
12	73499	Nut	4
13	73500	Washer, Plain	4
14	73501	Screw, Set	1
15	73502	Washer 1	2
16	73503	Washer 2	2
17	73504	Spring, Rocker Arm	3
18	73505	Cir-clip, External	2
▽ 19	73506	Assembly Rocker Arm	8
▲ 20	73507	Screw, Adjusting	8
▲ 21	73508	Nut	8

Fig. 10 – Fuel Camshaft Group



07441 – M20, D

Ref.	Part No.	Description	Qty.	
1	84636	Camshaft, Fuel	1	
2	70975	Bearing, Ball	1	
3	70976	Bearing, Ball	1	
4	73592	Cam, Fuel	1	
5	73593	Nut, Cap	1	
6	73594	Key, Woodruff	1	
7	73595	Gear, Injection Pump	1	
8	40409	Bolt	3	
9	73596	Stopper	1	
10	71995	Bolt	2	
▽	11	73597	Assembly Shaft, Governor	1
▲	12	73598	Holder, Governor Gear	1
▲	13	73599	Gear, Governor	1
▲	14	73600	Holder,	1
▲	15	73601	Comp. Weight, Governor	2
▲	16	73602	Shaft, Governor Weight	2
▲	17	70977	Sleeve, Governor	1
▲	18	70978	Washer, Thrust	1
	19	70979	Bearing, Ball	1
	20	73603	Cir-clip, Governor Shaft	1
	21	73604	Screw, Set	1

Fig. 11 – Camshaft Group

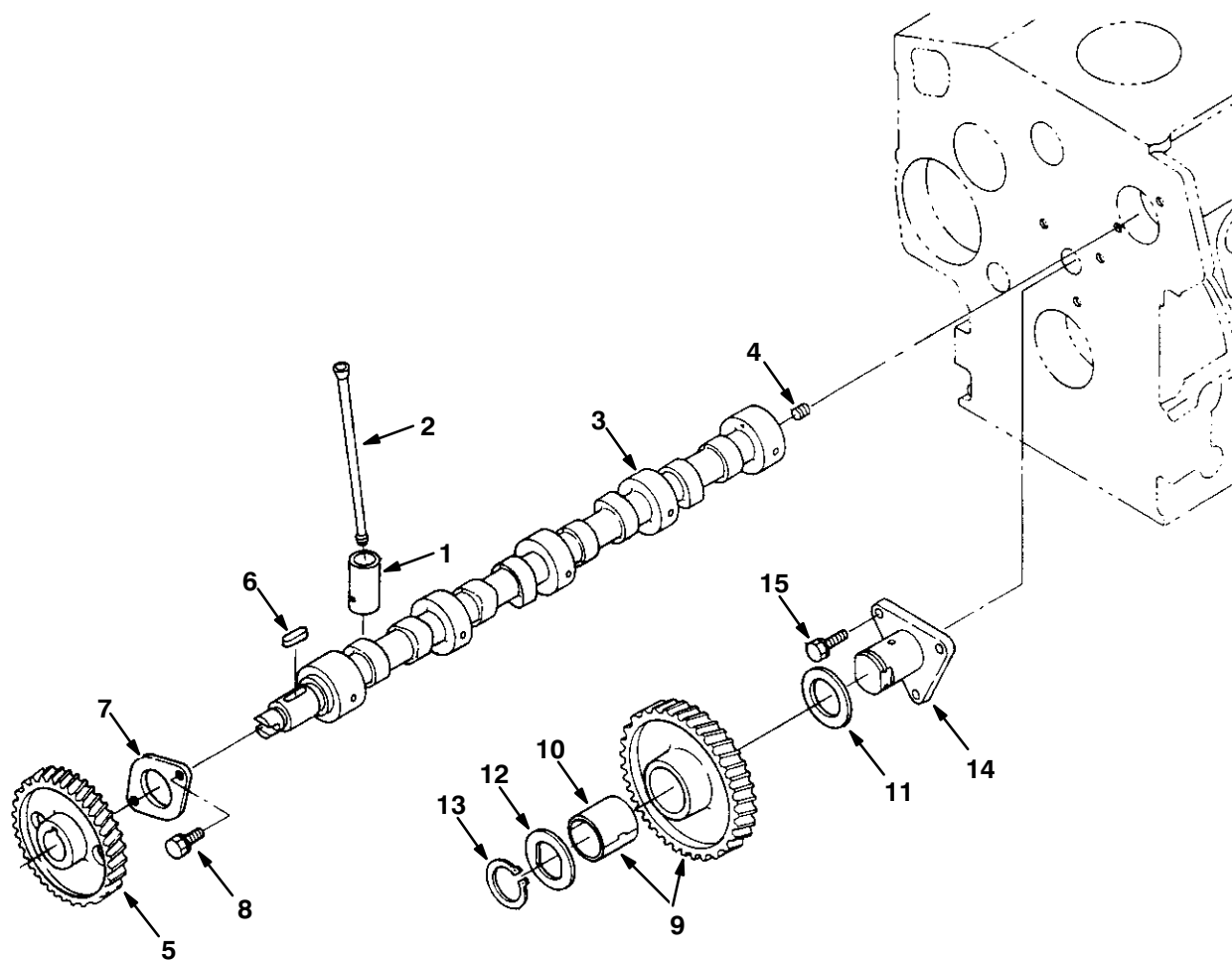


Fig. 11 – Camshaft Group

	Ref.	Part No.	Description	Qty.
	1	12895	Tappet	8
	2	73509	Push Rod	8
▽	3	73510	Assembly Camshaft	1
▲	4	39197	Screw, Set	1
▲	5	73511	Gear, Camshaft	1
▲	6	73512	Key, Feather	1
▲	7	73513	Stopper, Camshaft	1
▲	8	39160	Bolt	2
▽	9	73514	Comp Idle Gear 1	1
▲	10	73515	Bush, Idle Gear	1
	11	73516	Collar, Idle Gear 1	1
	12	73517	Collar, Idle Gear 2	1
	13	73518	Cir-clip, Idle Gear	1
	14	73519	Shaft, Idle Gear 1	1
	15	41973	Bolt	3

Fig. 12 – Piston and Crankshaft Group

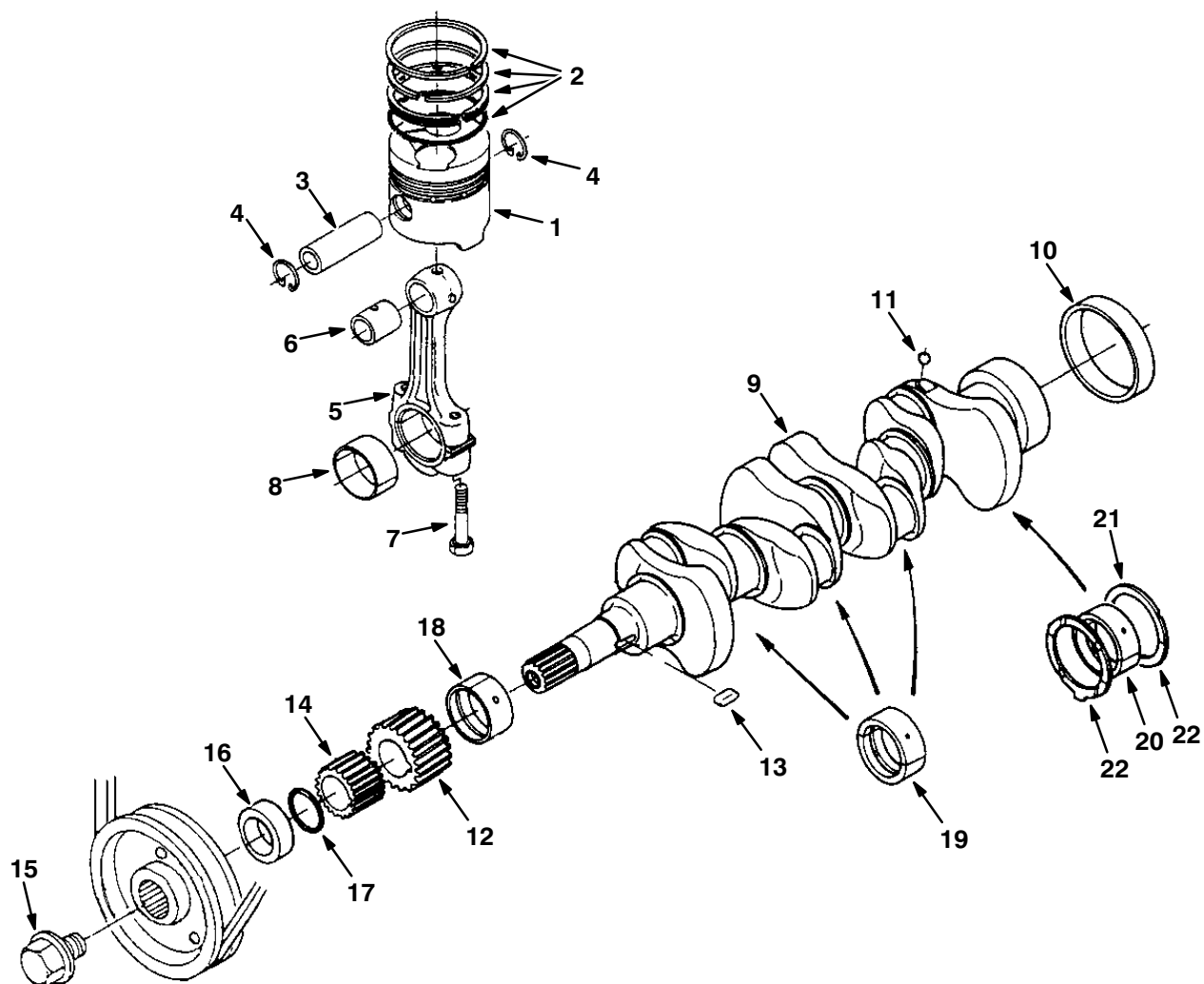


Fig. 12 – Piston and Crankshaft Group

	Ref.	Part No.	Description	Qty.
	1	73520	Piston	4
	1	73521	Piston 05	4
	2	70938	Assembly Piston Ring	4
	2	70939	Assembly Piston Ring 05	4
	3	73522	Pin, Piston	4
	4	73523	Cir-clip, Piston Pin	8
▽	5	73524	Assembly Connecting Rod	4
▲	6	70940	Bush, Piston Pin	4
▲	7	73525	Bolt, Connecting Rod	8
▲	8	70941	Metal, Crankpin	4
▲	8	66204	Metal, Crankpin 02	4
▲	8	66207	Metal, Crankpin 04	4
▽	9	73526	Comp. Crankshaft	1
▲	10	70942	Sleeve, Crankshaft	1
▲	11	73527	Ball	4
▲	12	73528	Gear, Crankshaft	1
▲	13	73529	Key	1
▲	14	73530	Gear, Oil Pump Drive	1
	15	73532	Bolt	1
	16	70943	Collar, Crankshaft	1
	17	70944	O-Ring	1
	18	70945	Metal, Crankshaft 1	1
	18	70946	Metal, Crankshaft1 02	1
	18	70947	Metal, Crankshaft1 04	1
	19	70948	Metal, Crankshaft 2	3
	19	70949	Metal, Crankshaft2 02	3
	19	70950	Metal, Crankshaft2 04	3
	20	70951	Metal, Crankshaft 3	1
	20	70952	Metal, Crankshaft3 02	1
	20	70953	Metal, Crankshaft3 04	1
	21	10844	Metal, Side 1	2
	21	70954	Metal, Side 1 02	2
	21	70955	Metal, Side 1 04	2
	22	10845	Metal, Side 2	2
	22	30121	Metal, Side 2 02	2
	22	30122	Metal, Side 2 04	2

Fig. 13 – Flywheel Group

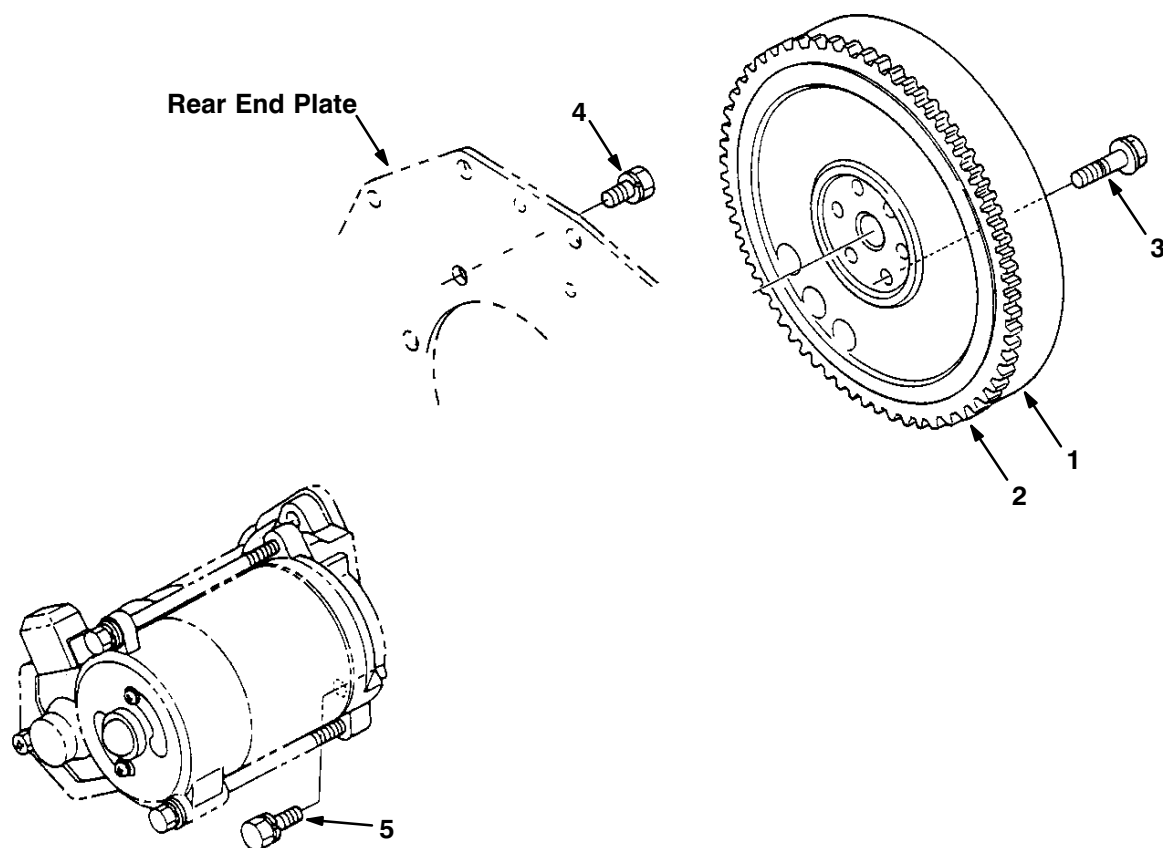


Fig. 13 – Flywheel Group

	Ref.	Part No.	Description	Qty.
▽	1	70956	Comp. Flywheel	1
▲	2	70957	Gear, Ring	1
	3	73533	Bolt, Flywheel	6
	4	73534	Bolt	8
	5	73535	Bolt	2

Fig. 14 – Starter Breakdown, 74405

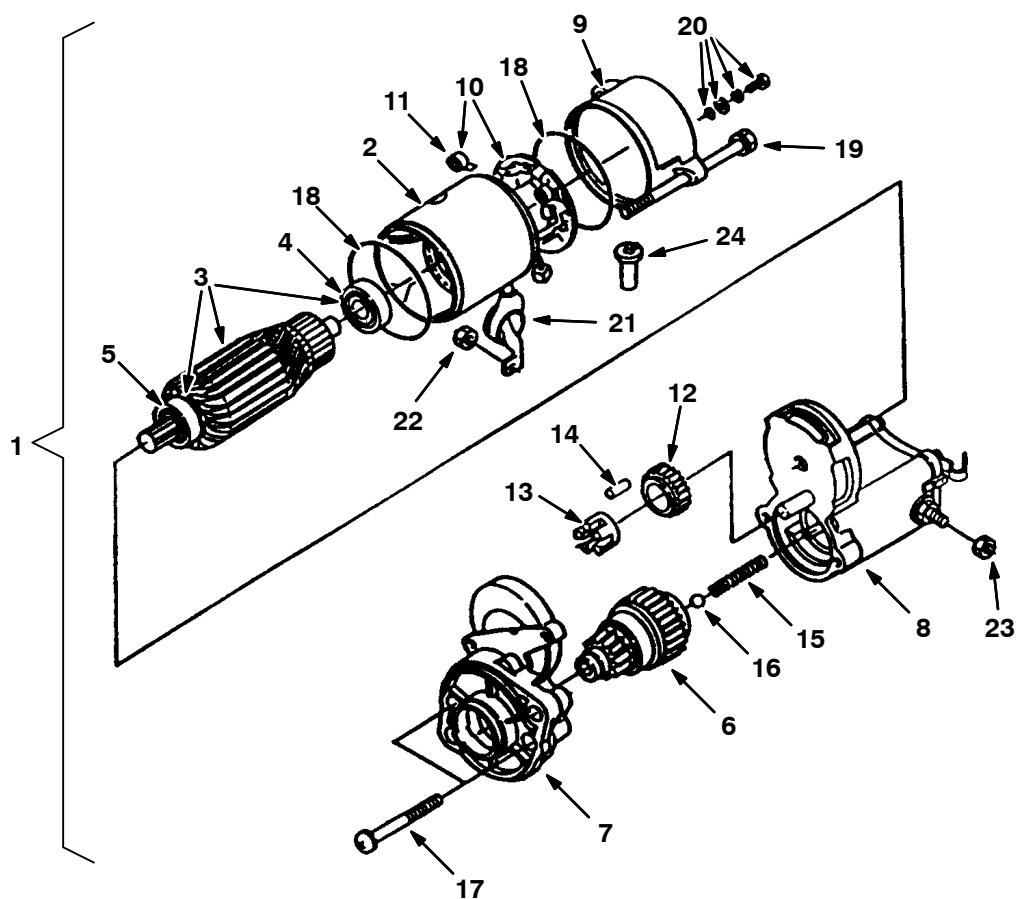


Fig. 14 – Starter Breakdown, 74405

	Ref.	Part No.	Description	Qty.
▽	1	74405	Assy Starter	1
▲	2	70196	Assy Yoke	1
▲▽	3	70197	Assy Armature	1
▲▲	4	70198	Bearing	1
▲▲	5	70199	Bearing	1
▲	6	70200	Clutch, Over Running	1
▲	7	70201	Frame, Drive End	1
▲	8	70202	Assy Switch, Magneto	1
▲	9	70203	Frame, End	1
▲▽	10	70204	Assy Holder, Brush	1
▲▲	11	70205	Spring, Brush	4
▲	12	70206	Gear	1
▲	13	70207	Retainer	1
▲	14	73545	Roller	5
▲	15	70208	Spring	1
▲	16	73547	Ball	1
▲	17	70209	Bolt	2
▲	18	20433	O-Ring	2
▲	19	70210	Bolt	2
▲	20	20432	Assy Bolt	2
▲	21	70211	Cover	1
▲	22	73551	Nut, Hexagon	1
▲	23	70212	Nut, Hexagon	1
▲	24	70213	Pipe, Drain	1

Fig. 15 – Nozzle Holder and Glow Plug Group

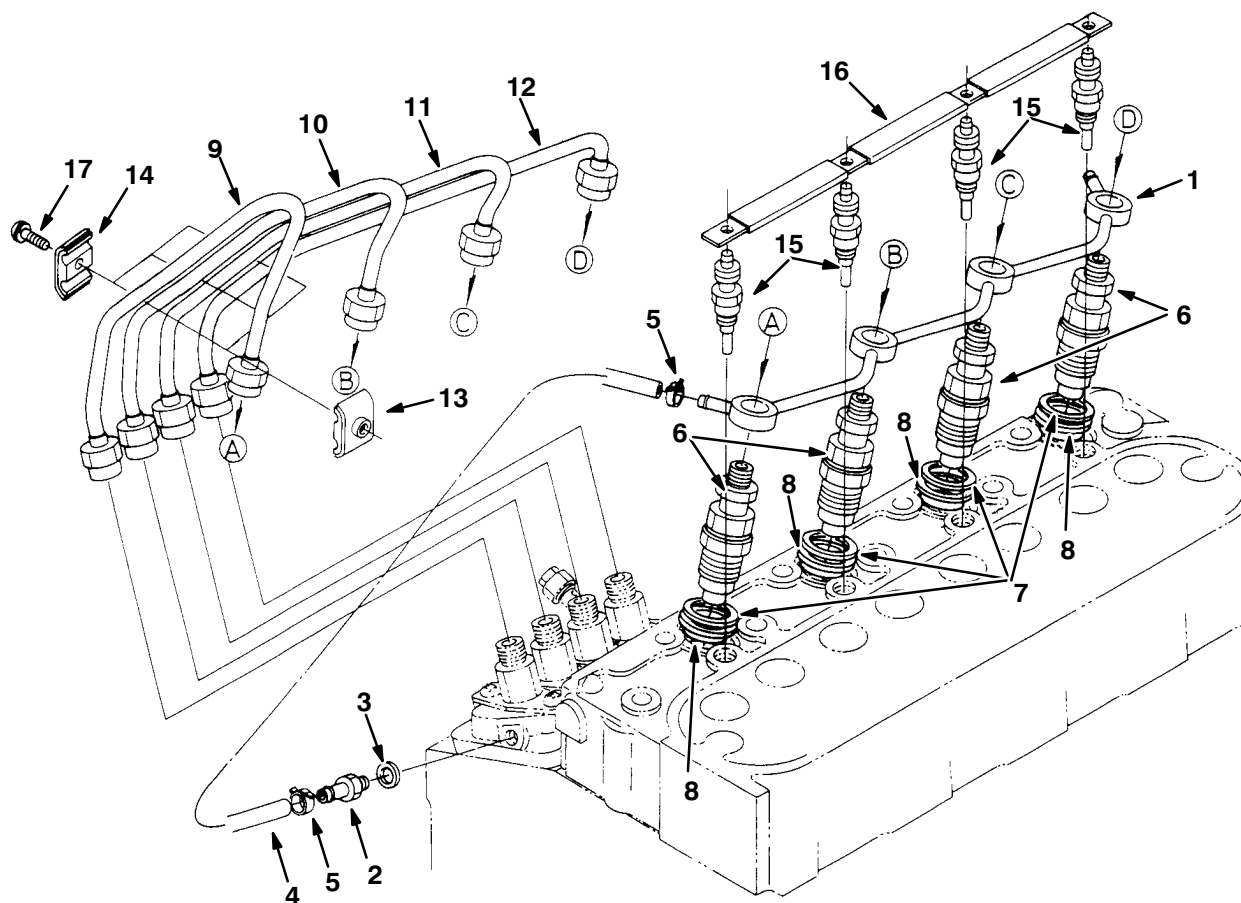


Fig. 15 – Nozzle Holder and Glow Plug Group

	Ref.	Part No.	Description	Qty.
	1	73554	Pipe, Over Flow	1
	2	73555	Screw	1
	3	40166	Gasket	1
▽	4	361373	Assembly Pipe, Over Flow	1
▲	5	361368	Band, Pipe	2
▽	6	372917	Housing Assy, Nozzle	4
▲	7	70964	Gasket	1
▲	8	20719	Seal, Heat	1
	9	70965	Pipe, Injection 1	1
	10	70966	Pipe, Injection 2	1
	11	70967	Pipe, Injection 3	1
	12	70968	Pipe, Injection 4	1
	13	30131	Clamp, Pipe 1	3
	14	30132	Clamp, Pipe 2	3
	15	84638	Plug, Glow	4
	16	73560	Cord, Glow Plug	1
	17	39508	Screw, With Washer	3

Fig. 16 – Injection Pump Group

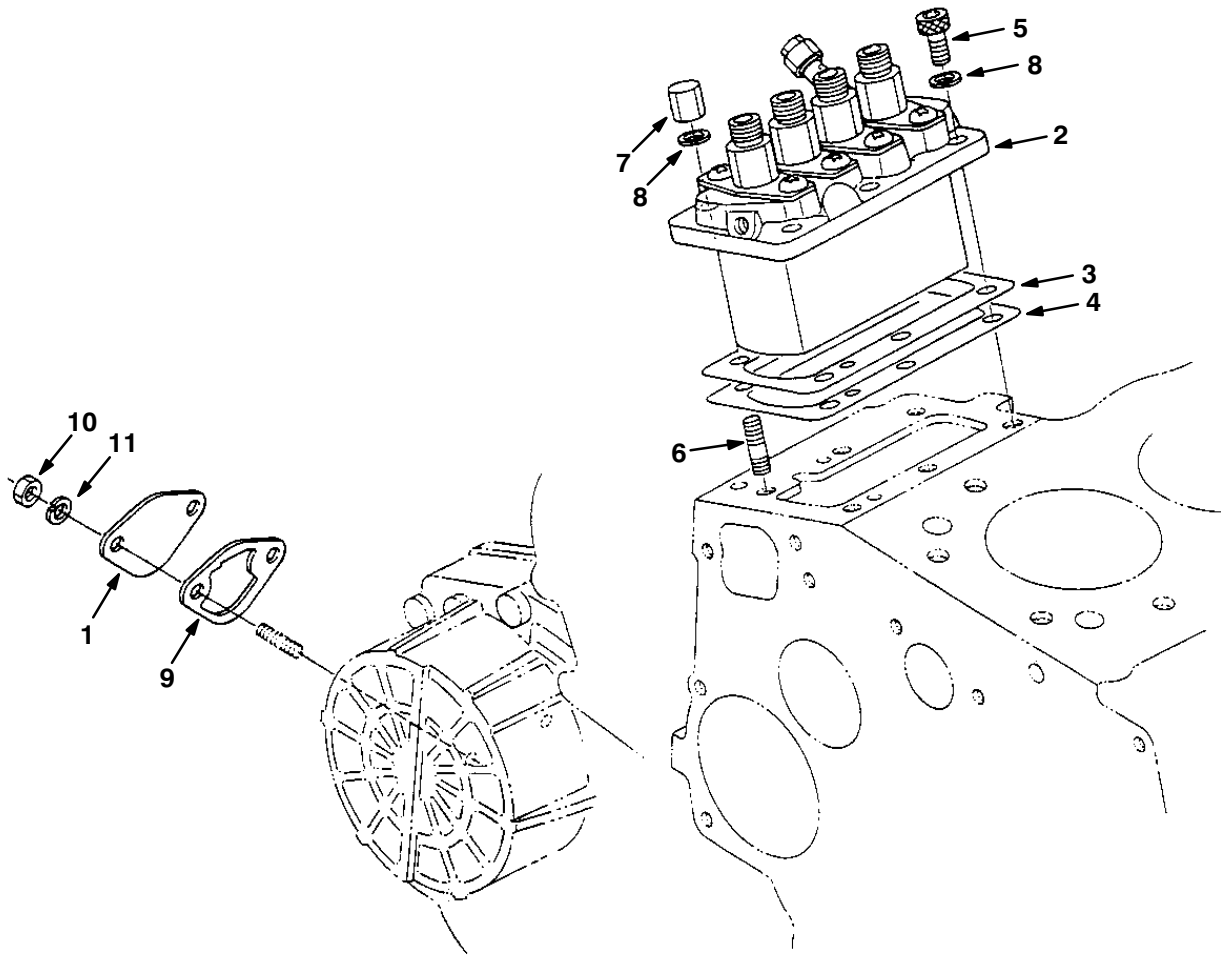


Fig. 16 – Injection Pump Group

Ref.	Part No.	Description	Qty.
1	73565	Fuel Pump Cover Plate	1
2	84635	Assembly Pump, Injection (See Injection Pump Breakdown)	1
3	70972	Shim, Injection Pump 0.20 mm	1
4	70973	Shim, Injection Pump 0.25 mm	2
4	84644	Shim, Injection Pump 0.30 mm	1
5	73561	Bolt	3
6	73562	Stud	3
7	73563	Nut, Cap	3
8	39065	Washer, Spring	6
9	70974	Gasket, Fuel Pump	1
10	39121	Nut	2
11	39065	Washer, Spring	2

Fig. 17 – Injection Pump Breakdown

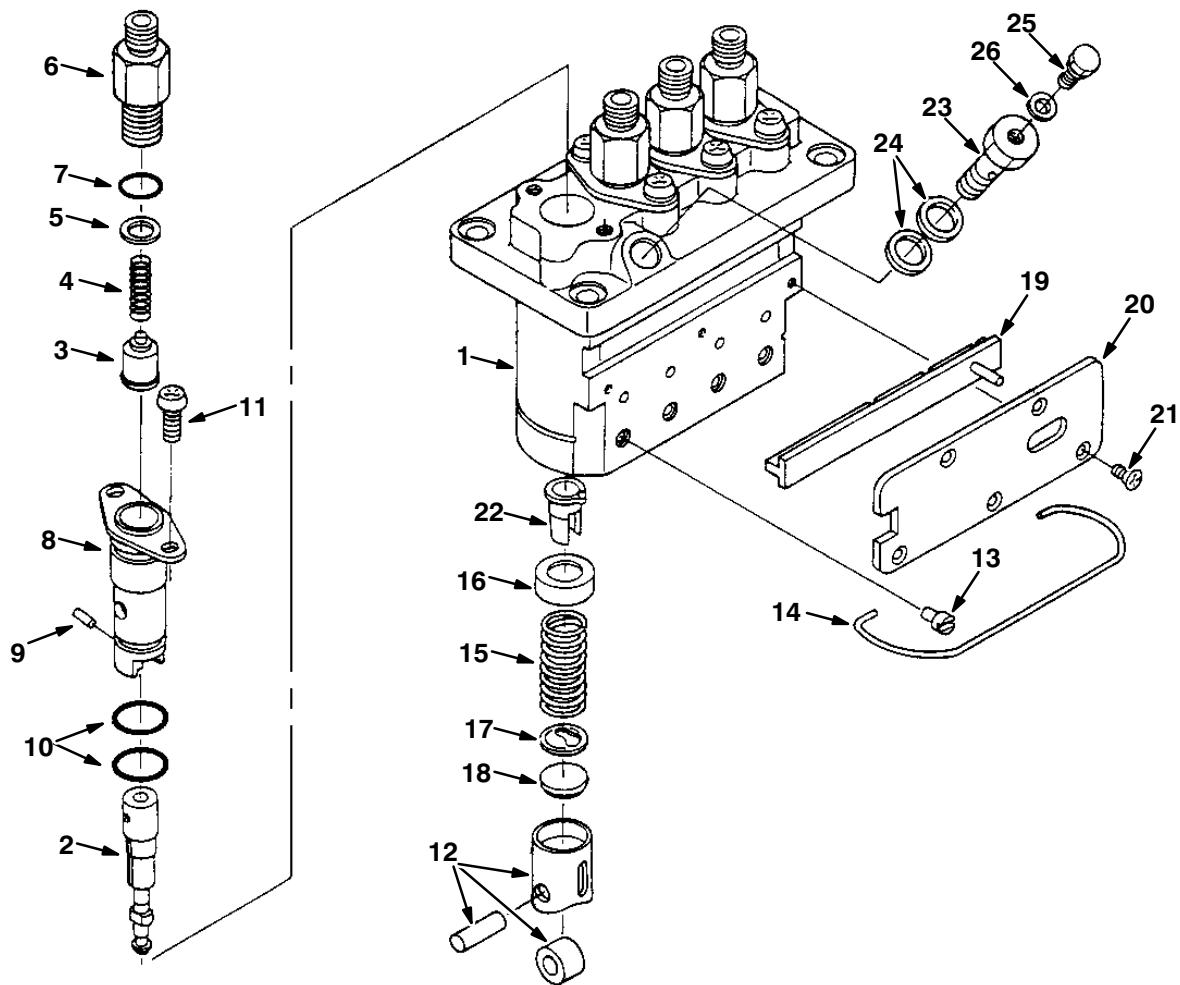
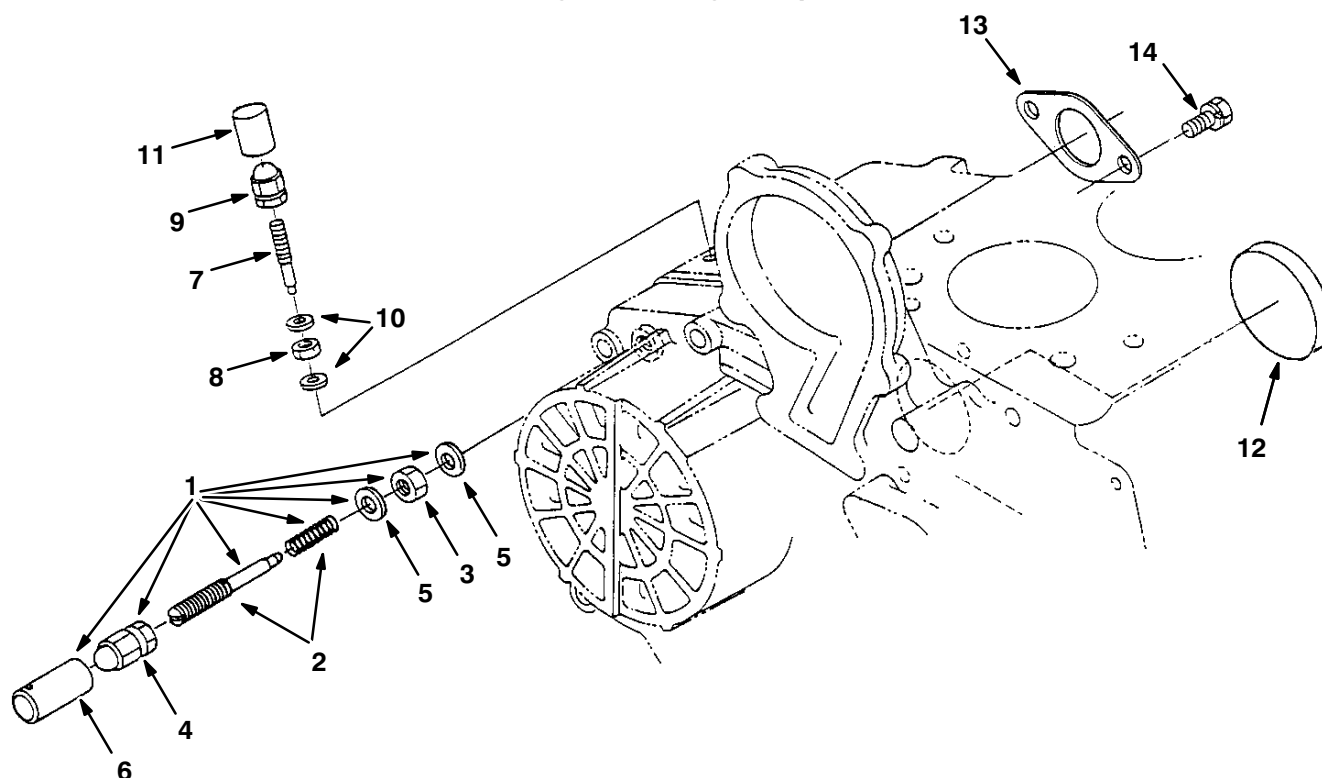


Fig. 17 – Injection Pump Breakdown

	Ref.	Part No.	Description	Qty.
▽	1	84635	Assembly Pump, Injection	1
▲	2	84648	Plunger, Pump	4
▲	3	73567	Valve, Delivery	4
▲	4	73568	Spring, Delivery Valve	4
▲	5	73569	Gasket, Delivery Valve	4
▲	6	73570	Holder, Delivery Valve	4
▲	7	73571	O-Ring	4
▲	8	73572	Flange, Sleeve	4
▲	9	73573	Pin, Joint	4
▲	10	73574	O-Ring	8
▲	11	73575	Screw	8
▲	12	73576	Assembly Tappet	4
▲	13	73577	Pin, Tappet Guide	4
▲	14	73578	Pin, Clamp	1
▲	15	73579	Spring, Plunger	4
▲	16	73580	Seat, Spring Upper	4
▲	17	73581	Seat, Spring Lower	4
▲	18	73582	Shim	1
▲	19	84649	Rack, Control	1
▲	20	84650	Plate	1
▲	21	73585	Screw	5
▲	22	73586	Sleeve, Control	4
▲	23	84651	Screw, Follow	1
▲	24	73588	Gasket	2
▲	25	73589	Screw	1
▲	26	73590	Gasket	1

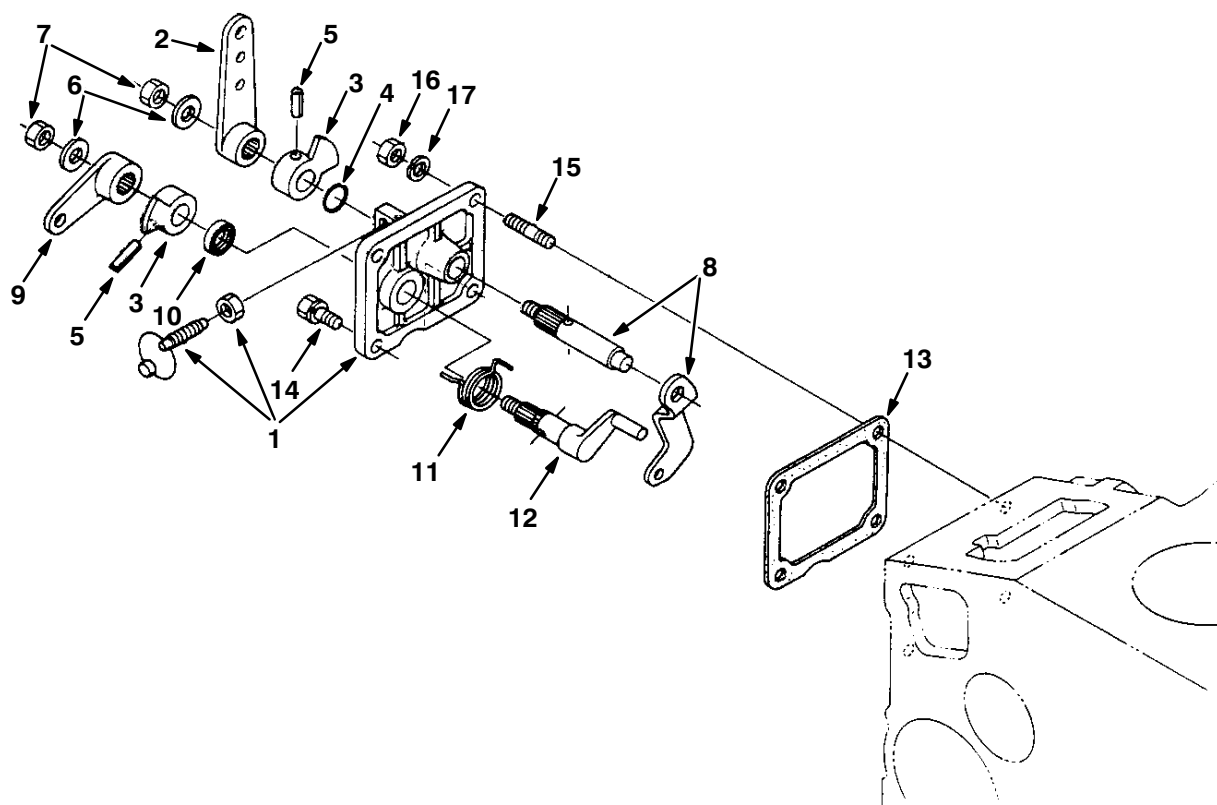
Fig. 18 – Idling Group



07443 – M20, D

Ref.	Part No.	Description	Qty.
▽ 1	70980	Assembly Apparatus, Idle	1
▲ 2	73605	Assembly Bolt, Adjusting	1
▲ 3	73606	Nut	1
▲ 4	73607	Nut, Cap	1
▲ 5	40166	Gasket	2
▲ 6	30136	Cap	1
7	73610	Bolt, Adjusting	1
8	73606	Nut	1
9	73607	Nut, Cap	1
10	40166	Gasket	2
11	30136	Cap	1
12	70188	Cover	1
13	70165	Gasket, Thrtl Blk	1
14	39160	Bolt	2

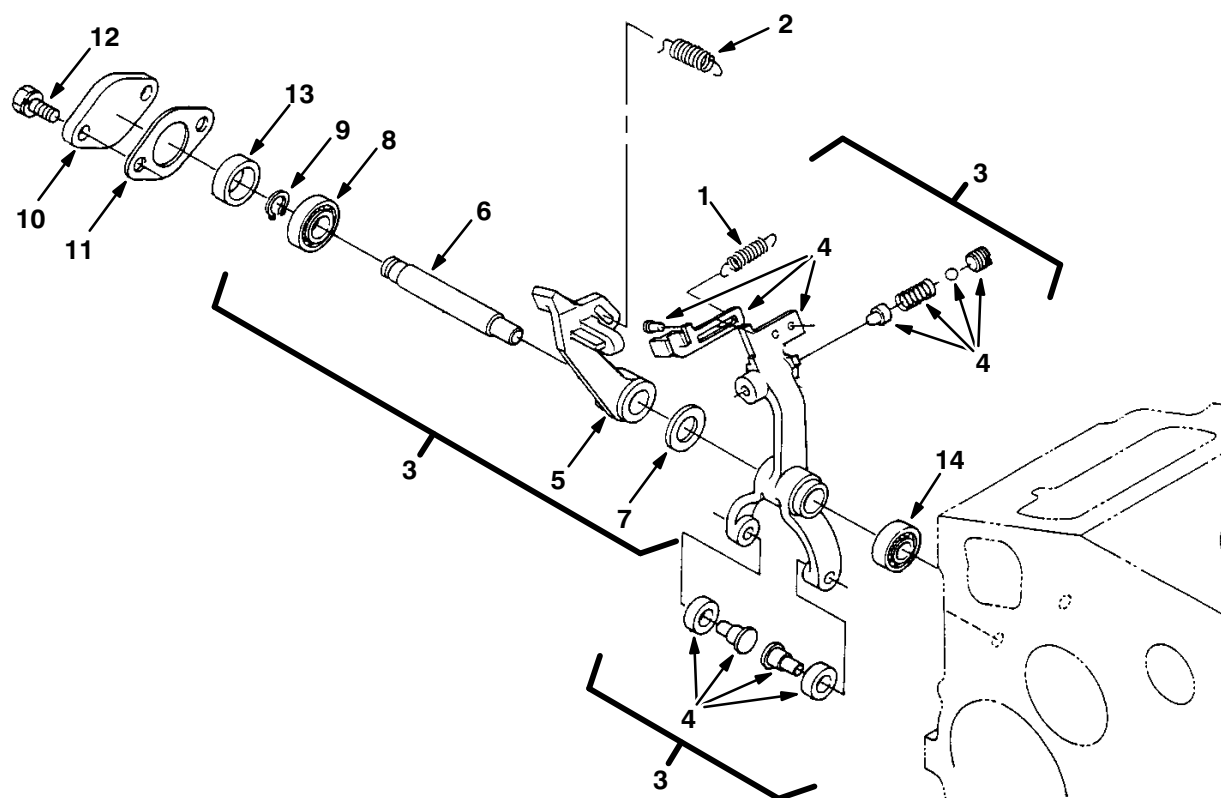
Fig. 19 – Speed Control Plate Group



07445 – M20, D

Ref.	Part No.	Description	Qty.
▽	1 70982	Assembly Plate, Control	1
▲	2 73618	Lever, Speed Control	1
▲	3 73619	Lever, Speed Control	2
▲	4 73620	O-Ring	1
▲	5 40407	Pin, Spring	2
▲	6 73621	Washer, Plain	2
▲	7 73622	Nut	2
▲	8 73623	Comp. Lever, Governor	1
▲	9 73624	Lever, Engine Stop	1
▲	10 70983	Seal, Oil	1
▲	11 73625	Spring, Return	1
▲	12 73626	Shaft, Stop Lever	1
	13 70984	Gasket	1
	14 41973	Bolt	2
	15 72018	Stud	2
	16 39121	Nut	2
	17 39065	Washer, Spring	2

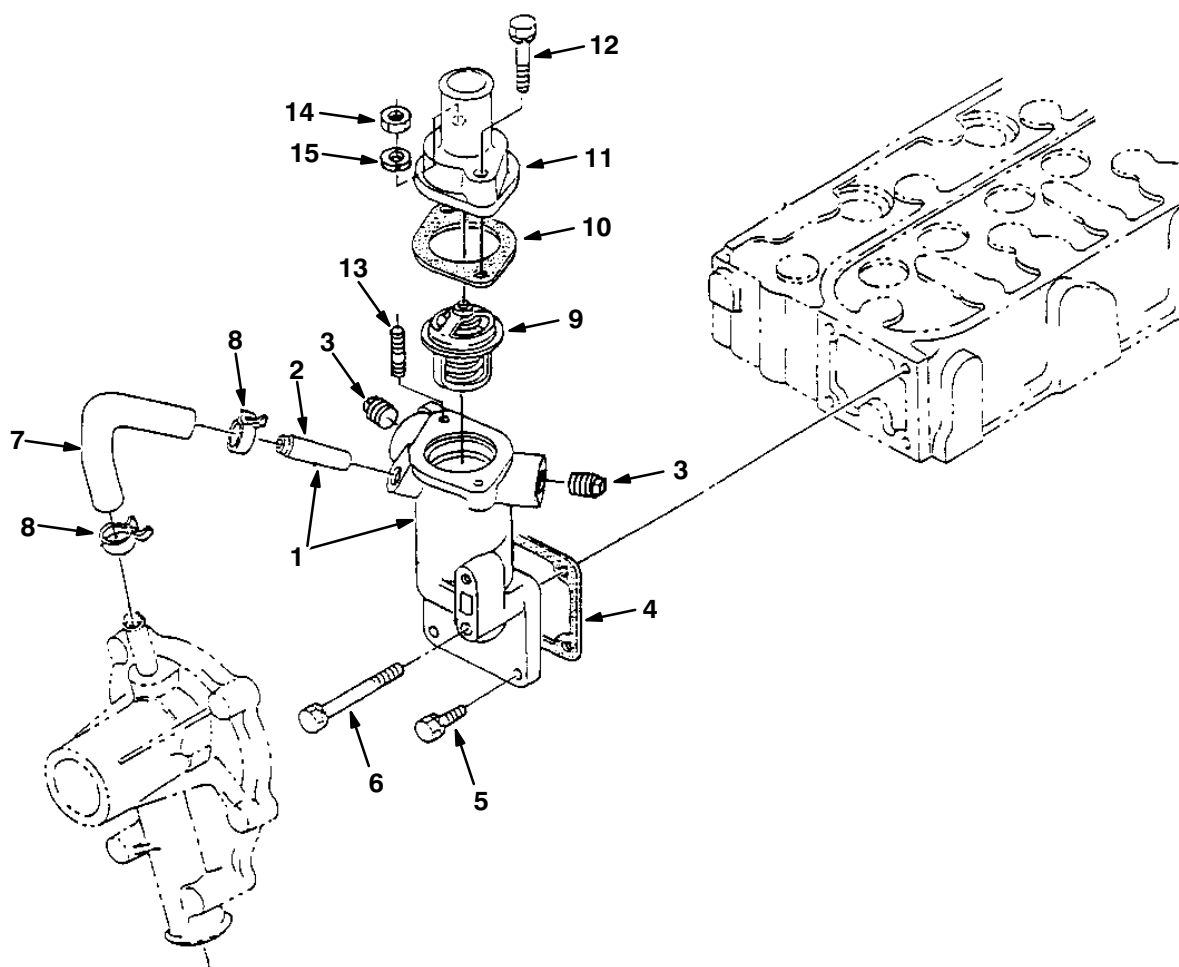
Fig. 20 – Governor Group



07447 – M20, D

Ref.	Part No.	Description	Qty.
1	70985	Spring, Start	1
2	70986	Spring, Governor	1
▽ 3	73627	Assembly Lever, Fork	1
▲ 4	70987	Comp. Lever, Fork 1	1
▲ 5	73628	Lever, Fork 2	1
▲ 6	73629	Shaft, Fork Lever	1
▲ 7	70988	Washer, Plain	1
▲ 8	70989	Bearing, Ball	1
▲ 9	73630	Cir-clip, External	1
10	73631	Cover, Fork Lever Shaft	1
11	361430	Gasket	1
12	39160	Bolt	2
13	70991	Collar 1	1
14	70992	Bearing, Ball	1

Fig. 21 – Water Flange Group



07451 – M20, D

Ref.	Part No.	Description	Qty.
▽ 1	368090	Flange, Water [Ku]	1
▲ 2	361440	Fitting, Pipe, Water [Ku]	1
3	73632	Fitting, Pipe, Plug [Ku]	2
4	70994	Gasket, Hsg, Thermostat [Ku]	1
5	41973	Bolt, Hex [Ku]	3
6	72995	Screw, Hex [Ku]	1
7	73633	Hose, Water [Ku]	1
8	73634	Clamp, Hose, Heater [Ku]	2
9	10852	Thermostat, 180deg, 1.7d [Ku]	1
10	10851	Gasket	1
11	368091	Housing, Thermostat [Ku]	1
12	72996	Screw, Hex [Ku]	1
13	73636	Stud	1
14	39121	Nut, Hex [Ku]	1
15	39065	Washer, Lock, Split [Ku]	2

SECTION 6

Contents	Page
Fig. 1 – Crankcase Group	6-2
Fig. 2 – Oil Pan Group	6-4
Fig. 3 – Cylinder Head Group	6-5
Fig. 4 – Gear Case Group	6-6
Fig. 5 – Water Pump Group	6-8
Fig. 6 – Main Bearing Case Group	6-9
Fig. 7 – Head Cover Group	6-10
Fig. 8 – Manifold Group	6-11
Fig. 9 – Valve, Rocker Arm Group	6-12
Fig. 10 – Fuel Camshaft Group	6-13
Fig. 11 – Camshaft Group	6-14
Fig. 12 – Piston and Crankshaft Group	6-16
Fig. 13 – Flywheel Group	6-18
Fig. 14 – Starter Breakdown, 74405	6-19
Fig. 15 – Nozzle Holder and Glow Plug Group .	6-20
Fig. 16 – Nozzle Holder Breakdown	6-21
Fig. 17 – Injection Pump Group	6-22
Fig. 18 – Injection Pump Breakdown	6-24
Fig. 19 – Idling Group	6-26
Fig. 20 – Speed Control Plate Group	6-27
Fig. 21 – Governor Group	6-28
Fig. 22 – Water Flange Group	6-29

Fig. 1 - Crankcase Group

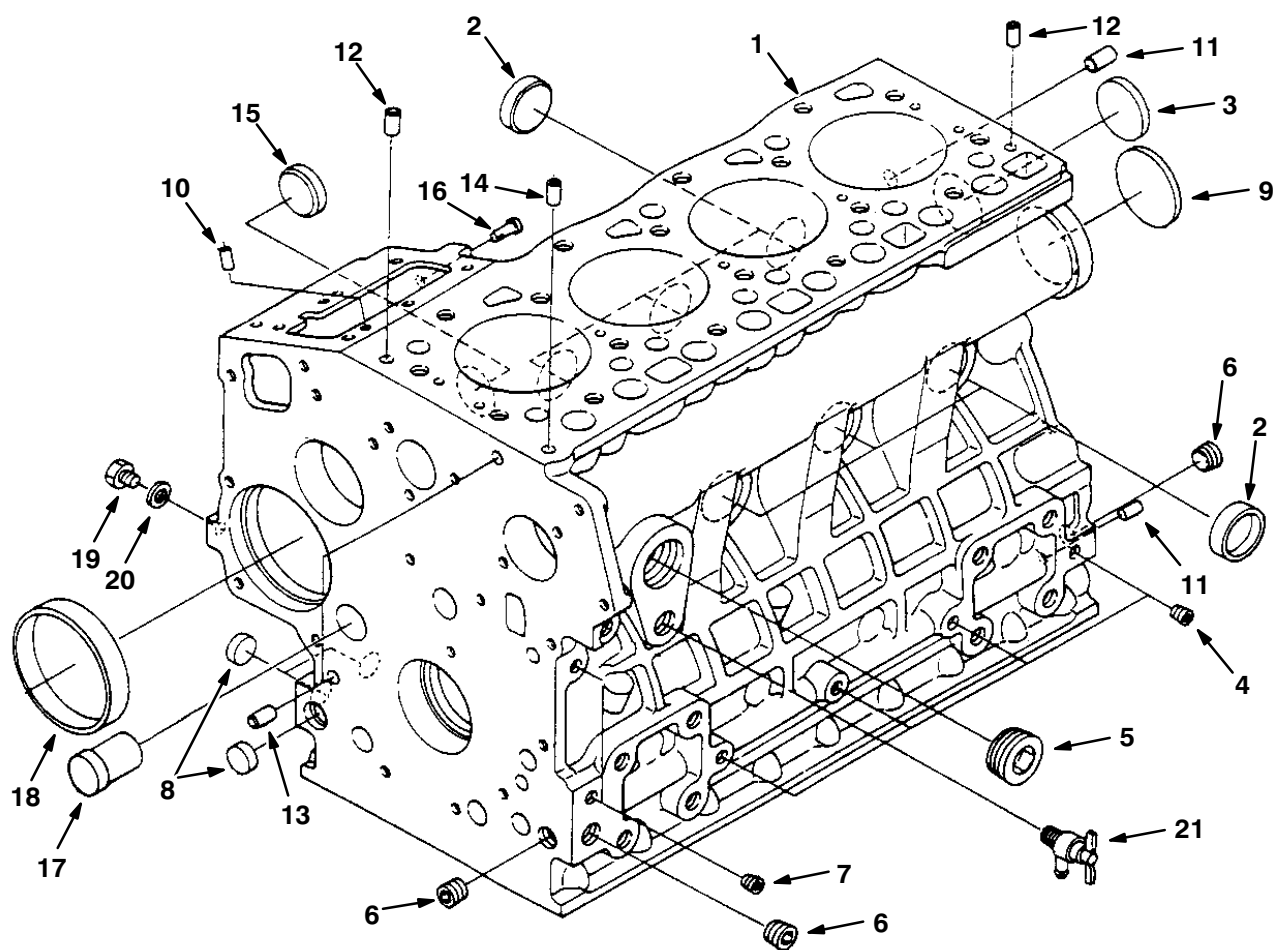
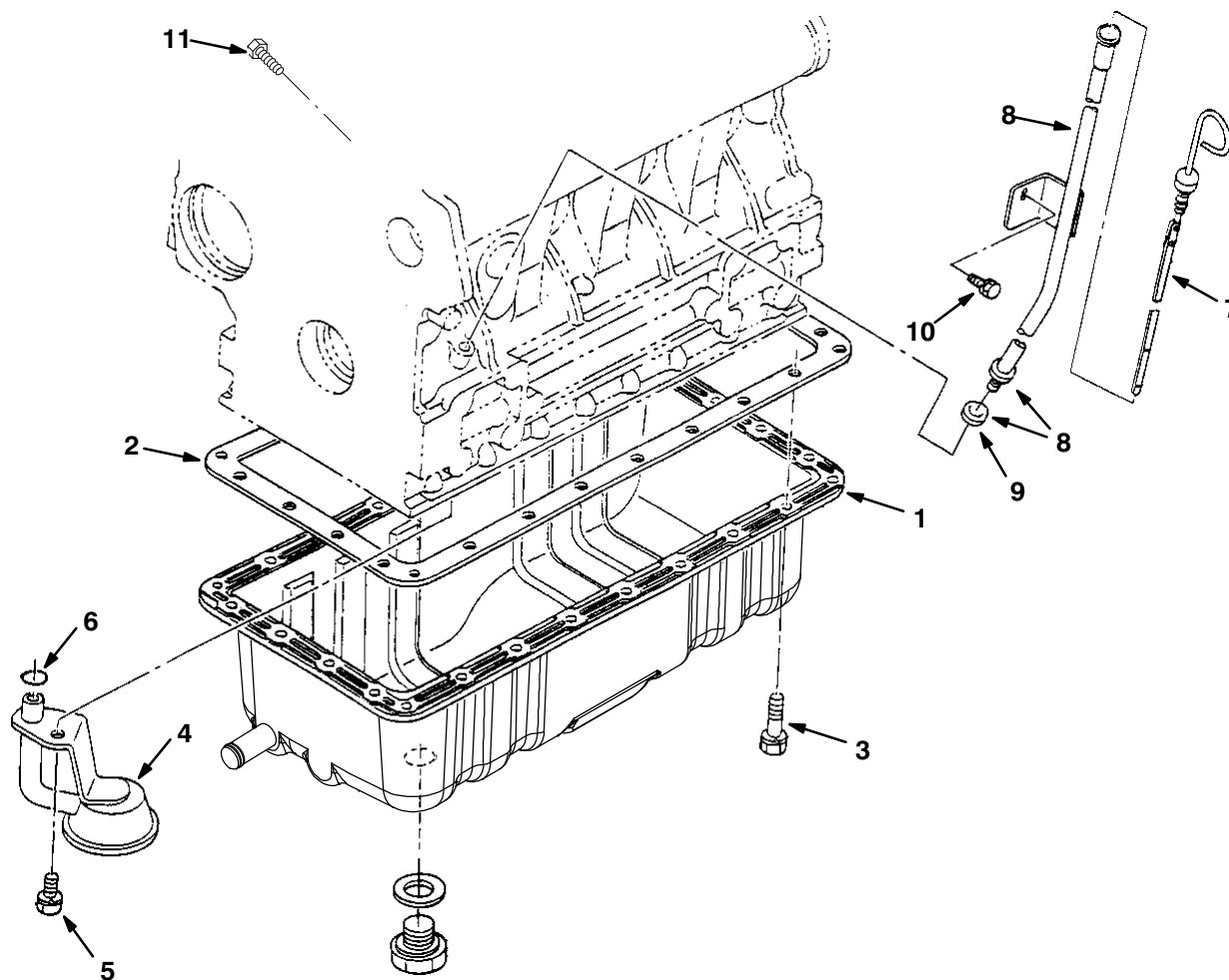


Fig. 1 – Crankcase Group

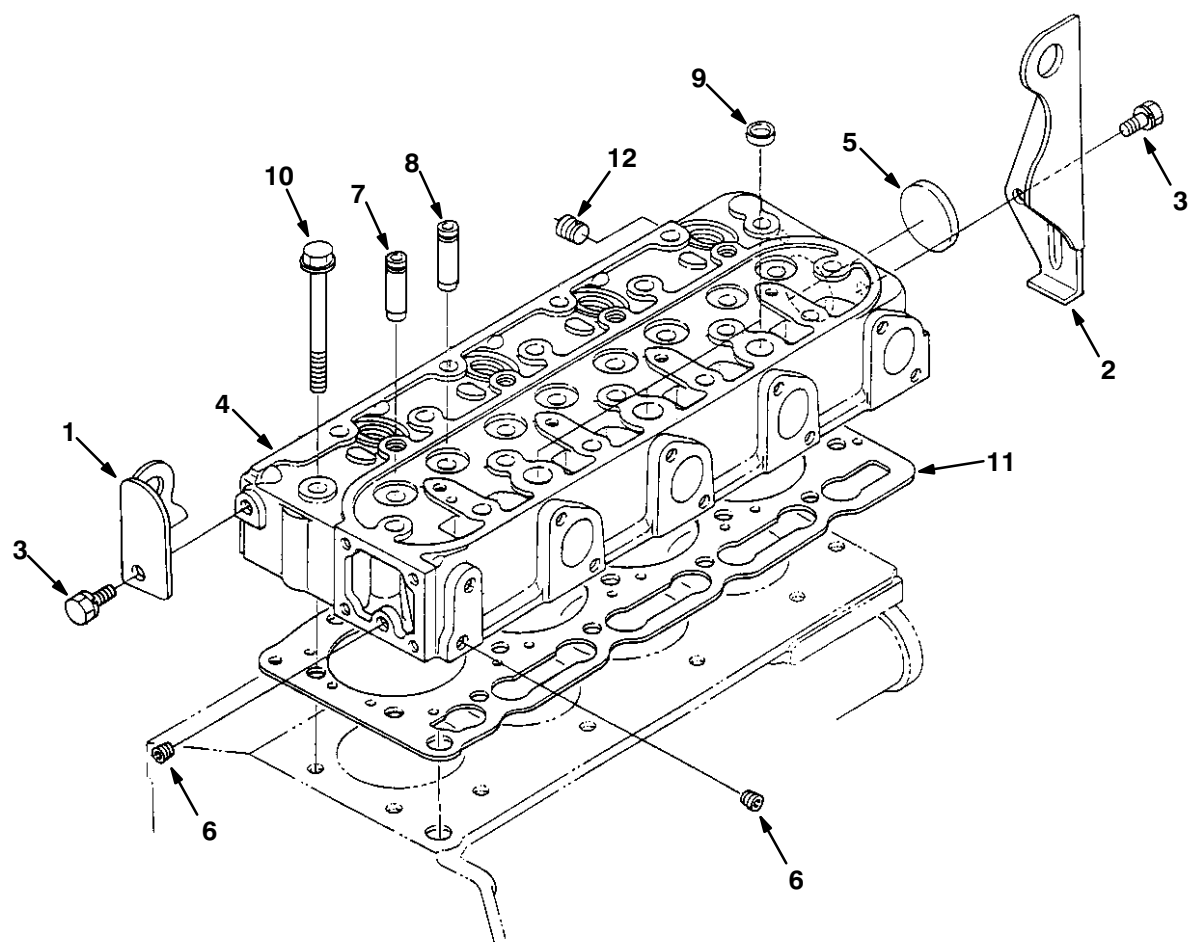
	Ref.	Part No.	Description	Qty.
▽	1	9004335	Crankcase, Complt [Ku]	1
▲	2	70998	Plug, Cup, Sealing [Ku]	6
▲	3	39087	Plug, Cup, Sealing [Ku]	1
▲	4	39088	Fitting, Pipe, Plug [Ku]	4
▲	5	70999	Plug, Eng [Ku]	1
▲	6	71985	Fitting, Pipe, Plug [Ku]	3
▲	7	39051	Fitting, Pipe, Plug [Ku]	2
▲	8	361436	Plug, Cup, Sealing [Ku]	3
▲	9	71986	Plug, Cup, Sealing [Ku]	1
▲	10	71987	Pin, Dowel [Ku]	2
▲	11	71988	Pin, Dowel [Ku]	2
▲	12	9004431	Pin, Straight [Ku]	2
▲	13	71990	Pin, Eng [Ku]	2
▲	14	71991	Tube, Pin [Ku]	1
▲	15	71992	Plug, Cup, Sealing [Ku]	1
▲	16	9004337	Pin, Start, Spring	1
▲	17	71993	Plug, Eng [Ku]	1
▲	18	70887	Bushing, Gear, Gov [Ku]	1
▲	19	39062	Fitting, Plug [Ku]	1
▲	20	393570	Gasket	1
	21	70888	Fitting, Draincock [Ku]	1

Fig. 2 – Oil Pan Group



Ref.	Part No.	Description	Qty.
1	1023144	Pan, Oil, Dsl	1
2	70889	Gasket, Pan, Oil	1
3	9004338	Bolt [Ku]	26
4	9003888	Filter, Oil [Ku]	1
5	39094	Screw, Hex [Ku]	1
6	9004339	O-Ring [Ku]	1
7	9004435	Gauge, Oil [Ku]	1
▽ 8	361428	Dipstick, Oil [Ku]	1
▲ 9	361366	Seal, Org [Ku]	1
10	39073	Screw, Hex [Ku]	1
	66187	Gasket Set	1
11	9004348	Plug, Gauge, Oil [Ku]	1

Fig. 3 – Cylinder Head Group



Ref.	Part No.	Description	Qty.
1	71996	Ear, Lifting, Eng [Ku]	1
2	71997	Ear, Lifting, Eng [Ku]	1
3	39073	Screw, Hex [Ku]	2
▽ 4	9004340	Head, Cylinder [Ku]	1
▲ 5	393504	Cap, Sealing	1
▲ 6	39088	Fitting, Pipe, Plug [Ku]	2
▲ 7	372906	Guide, Valve, Inlet	4
▲ 8	372907	Guide, Valve, Exhaust	4
▲ 9	361372	Plug, Cup, Sealing [Ku]	3
10	70897	Screw, Hex, Head, Cyl [Ku]	18
11	9004341	Gasket, Head, Cyl [Ku]	1
	66194	Gasket Set, Upper	1
12	72010	Fitting, Pipe, Plug [Ku]	1

Fig. 4 – Gear Case Group

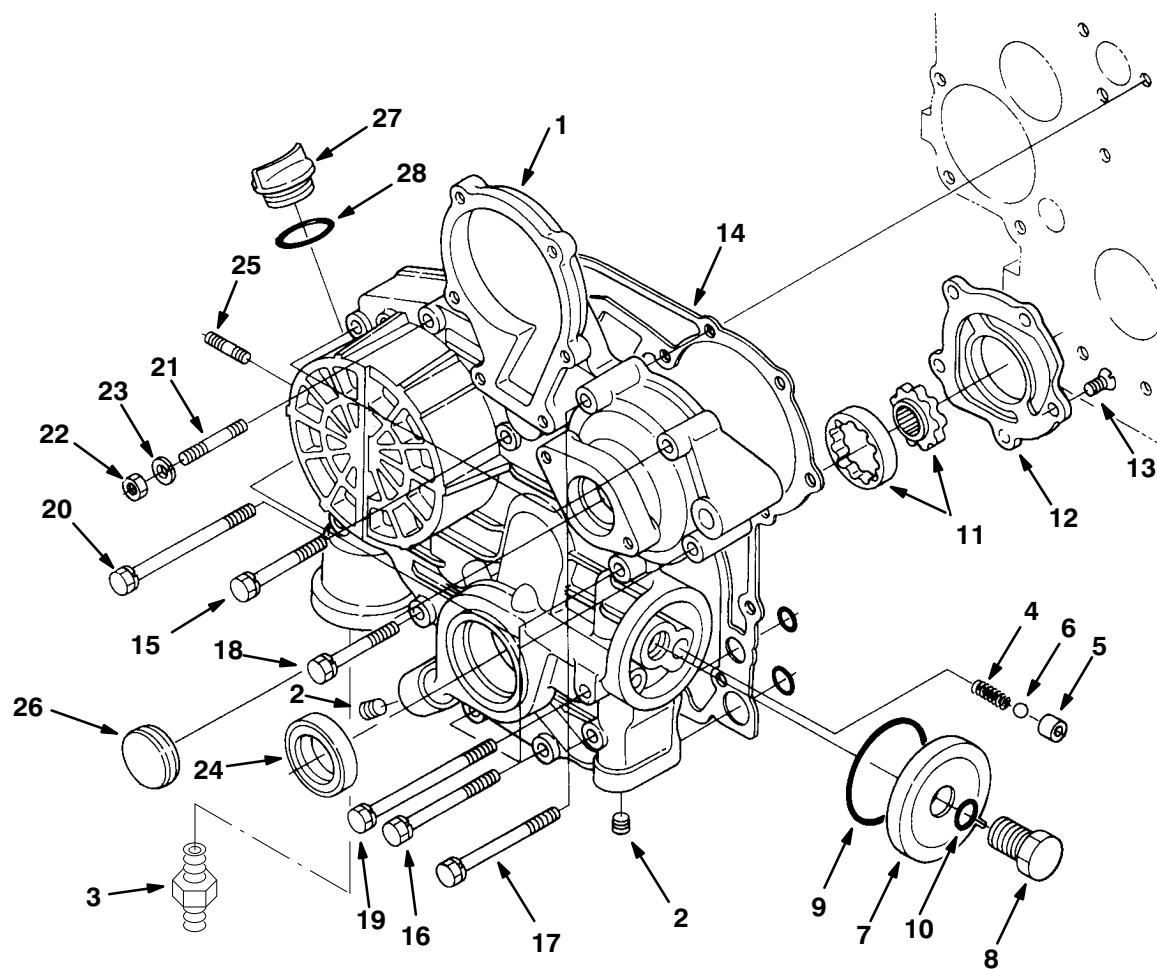
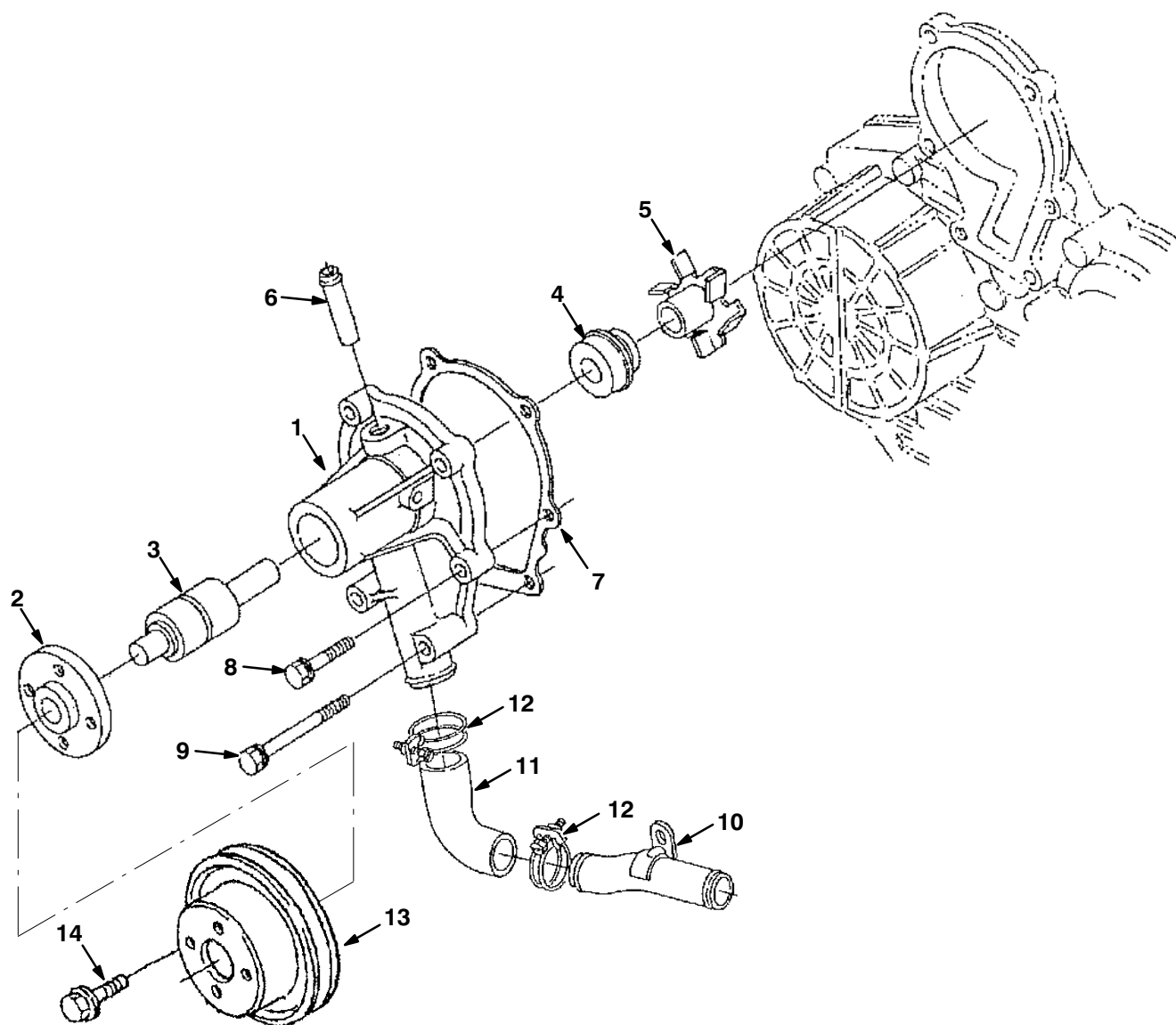


Fig. 4 – Gear Case Group

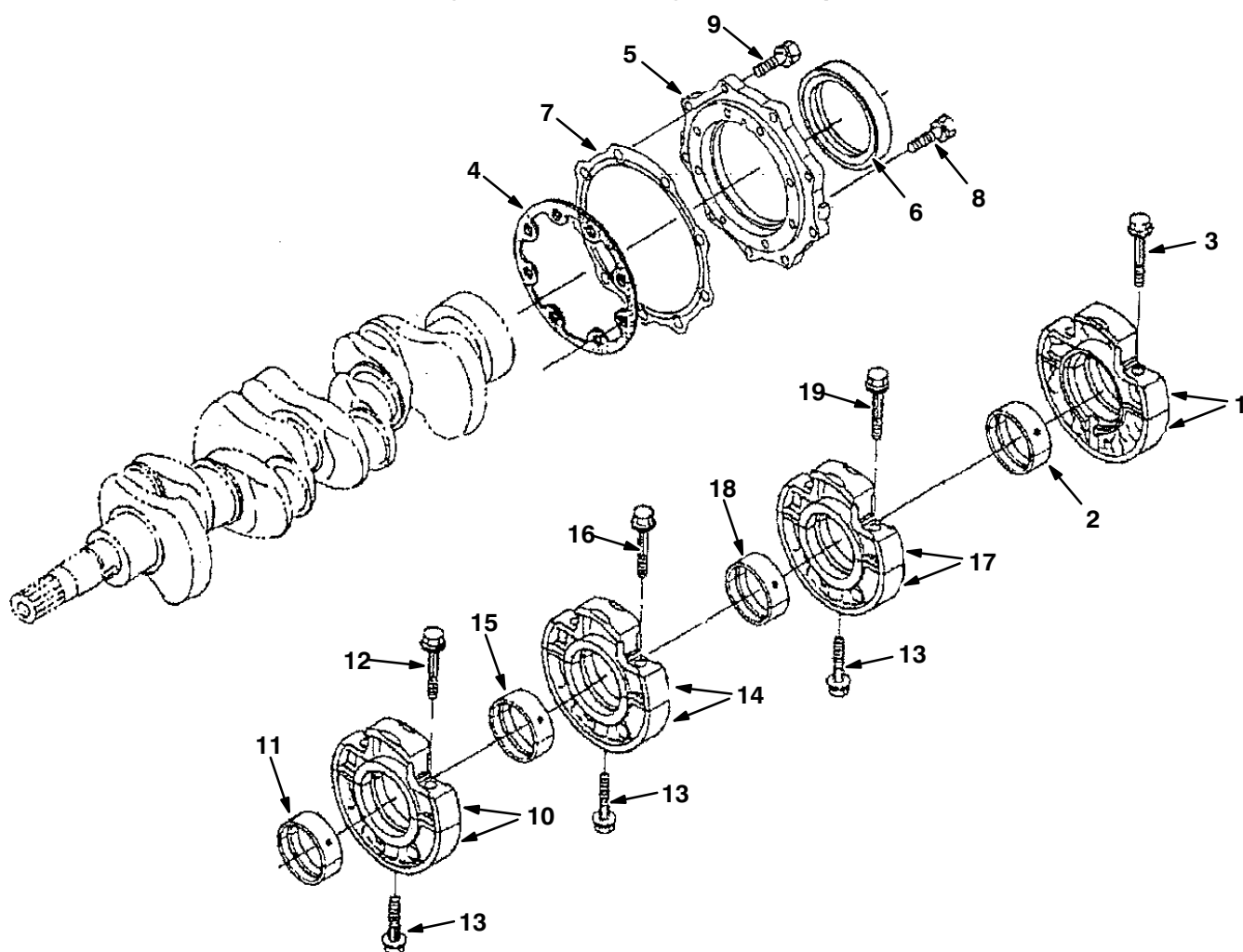
	Ref.	Part No.	Description	Qty.
▽	1	9004432	Crankcase, Comp [Ku]	1
▲	2	361401	Fitting, Pipe, Plug [Ku]	5
▲	3	12916	Fitting, Fltr, Oil [Ku]	1
▲	4	70900	Spring, Cmpr, Relief [Ku]	1
▲	5	70901	Tube, Seat, Valve, Oil [Ku]	1
▲	6	70902	Ball, Relief, Oil [Ku]	1
▲	7	70905	Cover	1
▲	8	70906	Bolt	1
▲	9	70907	Seal, Org [Ku]	1
▲	10	70911	Seal, Org	1
▲	11	70903	Pump, Oil, Eng [Ku]	1
▲	12	70904	Cover, Pump, Oil	1
	13	72013	Screw, Flt [Ku]	5
	14	70912	Gasket, Case, Gear [Ku]	1
	15	72993	Screw, Hex [Ku]	3
	16	384872	Bolt	4
	17	72994	Screw, Hex [Ku]	2
	18	72014	Screw, Hex [Ku]	1
	19	72015	Screw, Hex [Ku]	2
	20	72016	Bolt	1
	21	9004346	Stud [Ku]	1
	22	39121	Nut, Hex [Ku]	1
	23	39065	Washer, Lock, Split [Ku]	1
	24	361389	Seal, Oil, Front [Ku]	1
	25	9004347	Stud [Ku]	2
	26	72019	Cover	1
	27	361374	Cap, Filler, Oil [Ku]	1
	28	70913	Seal, Org	1

Fig. 5 – Water Pump Group



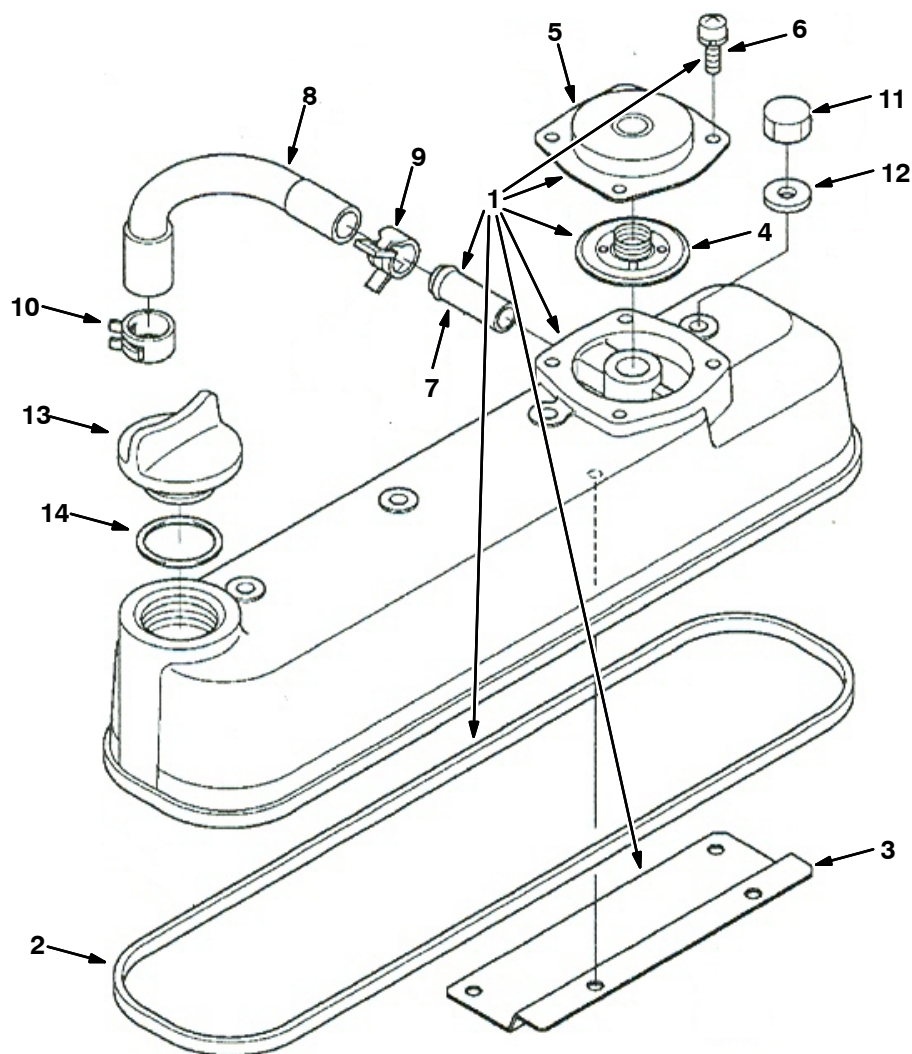
	Ref.	Part No.	Description	Qty.
▽	1	9004402	Pump, Water Assy [Ku]	1
▲	2	70919	Flange, Pump, Water [Ku]	1
▲	3	9004403	Bearing [Ku]	1
▲	4	9004404	Seal, Mechanical Assy [Ku]	1
▲	5	9004405	Impeller, Pump, Water [Ku]	1
▲	6	361440	Fitting, Pipe, Water [Ku]	1
▲	7	70920	Gasket, Pump, Water [Ku]	1
	8	9004406	Bolt [Ku]	4
	9	9004407	Bolt [Ku]	2
	10	9003868	Pipe, Water [Kubota]	1
	11	9003869	Pipe, Water [Kubota]	1
	12	9003870	Clamp [Kubota]	2
	13	55847	Sheave, Fan [Ku]	1
	14	393588	Bolt, Fling	4

Fig. 6 – Main Bearing Case Group



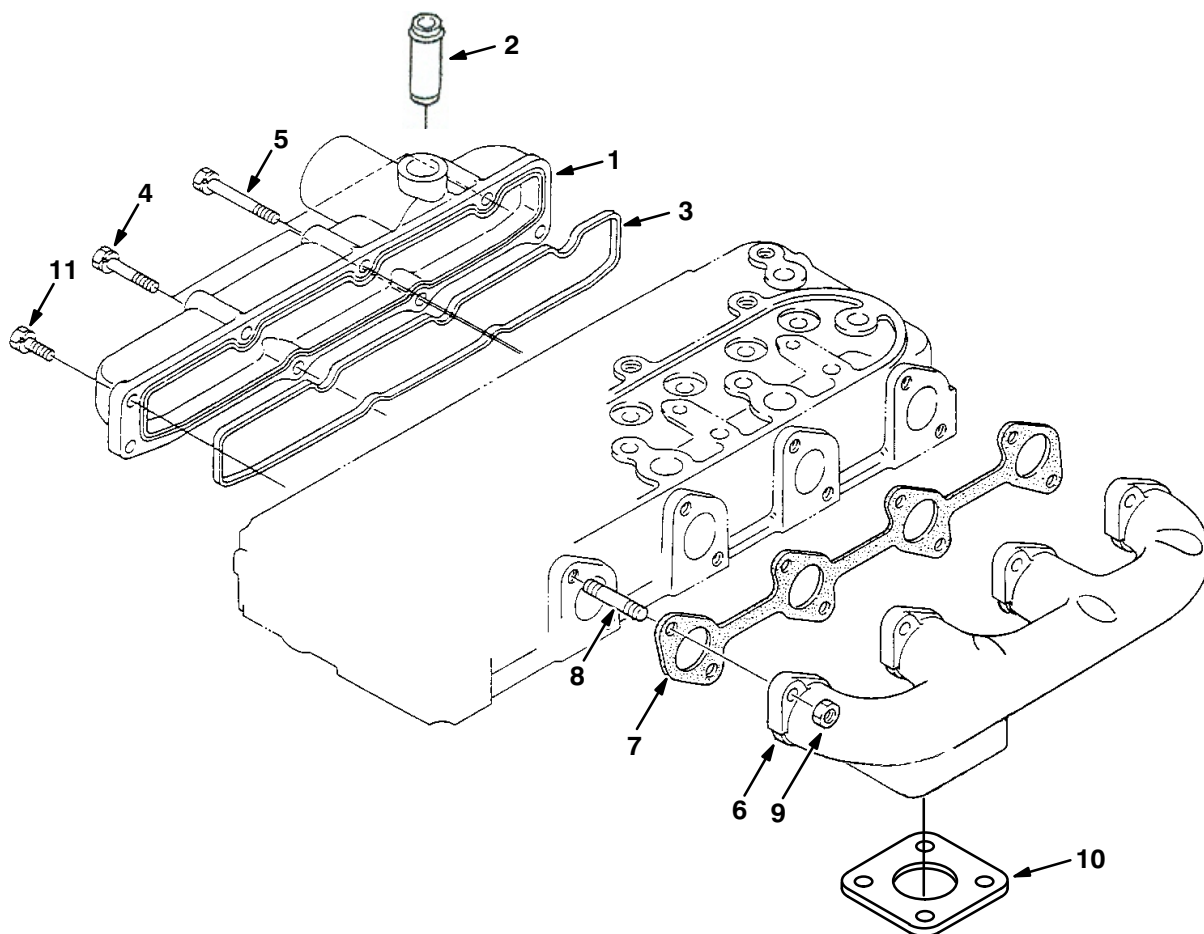
Ref.	Part No.	Description	Qty.	
▽	1	9004349	Bearing, Case [Ku]	1
▲	2	9004436	Crankshaft, Metal [Ku]	1
▲	3	72998	Screw, Hex, Case, Brg, Main [Ku]	2
	4	9004350	Gasket, Bearing, Case [Ku]	1
	5	70923	Cover, Brg Case, Eng [Ku]	1
	6	70924	Seal, Oil, Rear [Ku]	1
	7	70925	Gasket, Case, Gear [Ku]	1
	8	384871	Bolt	8
	9	371017	Bolt	9
▽	10	9004437	Case, Main, Brg Assy	1
▲	11	70948	Bearing, Cshft, Std [Ku]	1
▲	12	72998	Screw, Hex, Case, Brg, Main [Ku]	2
	13	73479	Screw, Hex, Case, Brg, Main [Ku]	3
▽	14	9004438	Case, Main, Brg Assy	1
▲	15	70948	Bearing, Cshft, Std [Ku]	1
▲	16	72998	Screw, Hex, Case, Brg, Main [Ku]	2
▽	17	9004439	Case, Main, Brg Assy	1
▲	18	70948	Bearing, Cshft, Std [Ku]	1
▲	19	72998	Screw, Hex, Case, Brg, Main [Ku]	2

Fig. 7 – Head Cover Group

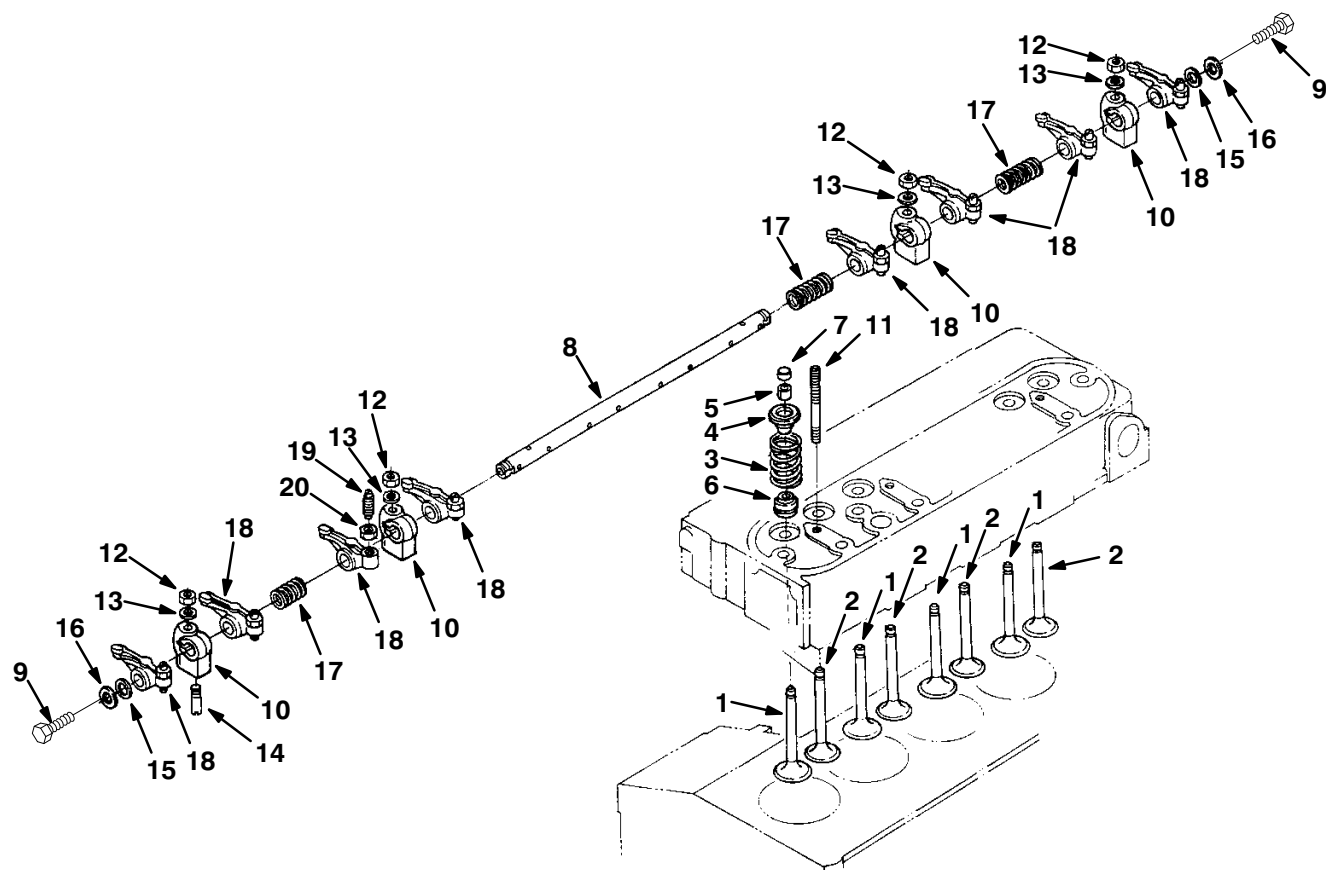


Ref.	Part No.	Description	Qty.
▽ 1	9004433	Cover, Cyl Head Assy [Ku]	1
▲ 2	70929	Gasket, Cover, Head, Cyl [Ku]	1
▲ 3	372912	Shield, Breather	1
▲ 4	372928	Valve, Breather, Complt	1
▲ 5	384874	Cover, Breather	1
▲ 6	73482	Screw, Hex, W/ Washer [Ku]	4
▲ 7	30125	Pipe, Water	1
8	372913	Tube, Breather	1
9	372901	Clamp, Hose	1
10	372904	Clamp, Hose	1
11	73483	Nut, Hex, Cap	4
12	73484	Gasket, F/ Bolt [Ku]	4
13	361374	Cap, Filler, Oil [Ku]	1
14	70913	Seal, Org	1

Fig. 8 – Manifold Group

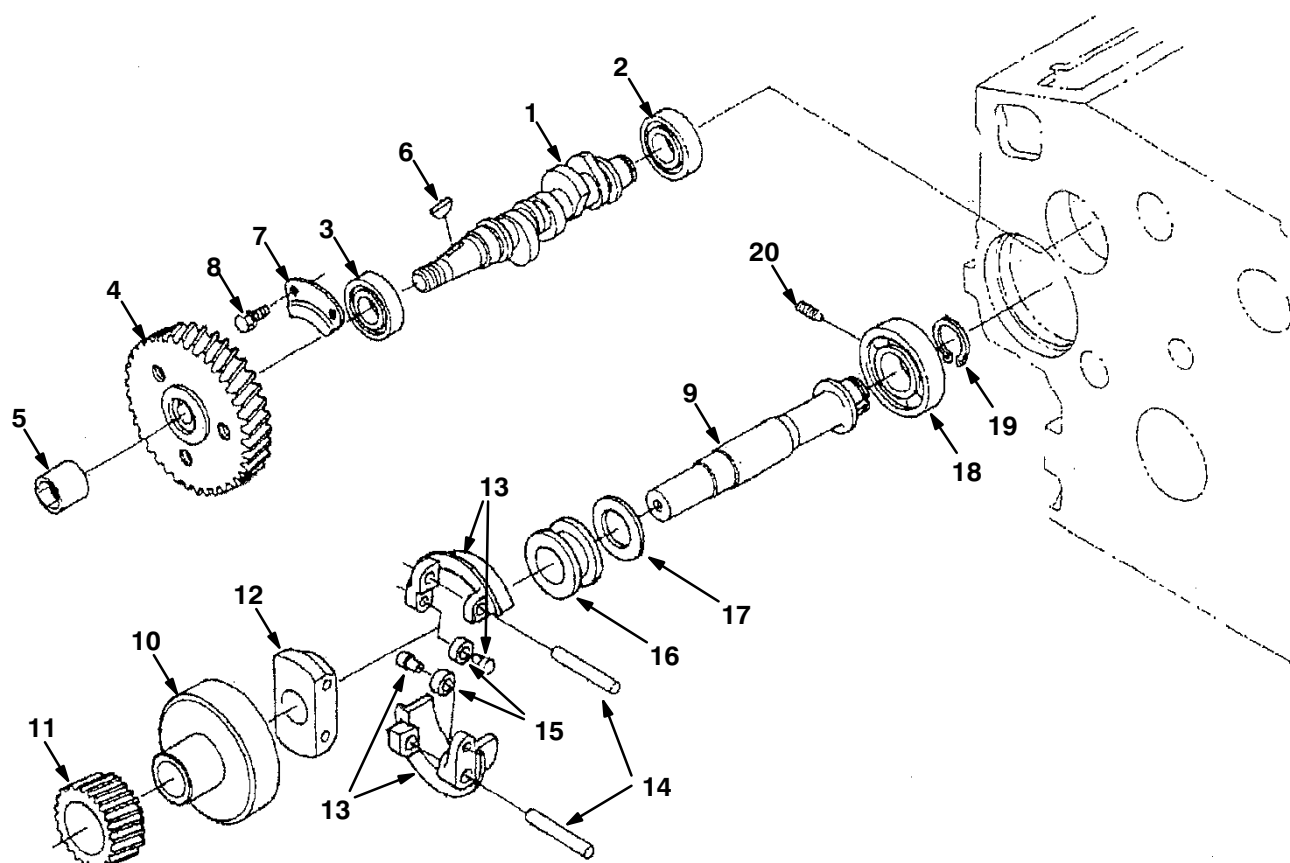


	Ref.	Part No.	Description	Qty.
▽	1	372905	Manifold Assy, Inlet	1
▲	2	73481	Pipe, Breather [Ku]	1
▲	3	70934	Gasket, Manifold, Intake [Ku]	1
	4	9004406	Bolt [Ku]	2
	5	384872	Bolt	3
	6	73487	Manifold, Exhaust [Ku]	1
	7	70935	Gasket, Manifold, Exhaust	1
	8	73488	Stud [Ku]	8
	9	73489	Nut	8
	10	51332	Gasket [Ku]	1
	11	40409	Screw, Hex [Ku]	3

Fig. 9 – Valve, Rocker Arm Group


Ref.	Part No.	Description	Qty.
1	70936	Valve, Intake [Ku]	4
2	70937	Valve, Exhaust [Ku]	4
3	73491	Spring, Valve [Ku]	8
4	73492	Retainer, Spring, Valve [Ku]	8
5	73493	Retainer, Spring [Ku]	8
6	73494	Seal, Stem, Valve [Ku]	8
7	361392	Cap, Valve [Ku]	8
8	9004409	Shaft, Rocker, Arm [Ku]	1
9	393598	Bolt	2
10	73497	Bracket, Mtg, Rocker Arm [Ku]	4
11	73498	Stud [Ku]	4
12	73499	Nut, Hex [Ku]	4
13	73500	Washer, Flat [Ku]	4
14	9004410	Pin, Spring [Ku]	1
15	73502	Washer, Shaft, Rocker [Ku]	2
16	361589	Washer, Flat [Ku]	2
17	73504	Spring, Cmpr, Rocker [Ku]	3
▽ 18	73506	Arm, Rocker [Ku]	8
▲ 19	73507	Screw, Adj, Rocker Arm [Ku]	8
▲ 20	73508	Nut, Hex [Ku]	8

Fig. 10 – Fuel Camshaft Group



	Ref.	Part No.	Description	Qty.
	1	84636	Camshaft	1
	2	9004368	Bearing, Ball [Ku]	1
	3	9004369	Bearing, Ball [Ku]	1
	4	9004445	Gear, Injection, Pump [Ku]	1
	5	73593	Nut, Cap, Cam [Ku]	1
	6	73594	Key, Woodruff [Ku]	1
	7	73596	Stopper, Fuel [Ku]	1
	8	41973	Bolt, Hex [Ku]	2
▽		73597	Shaft, Govnr	1
▲	9	9004371	Shaft, Governor [Ku]	1
▲	10	73598	Holder, Gear [Ku]	1
▲	11	73599	Gear, Govnr [Ku]	1
▲	12	73600	Holder, Govnr [Ku]	1
▲	13	73601	Weight, Comp, Govnr [Ku]	2
▲	14	73602	Shaft, Govnr [Ku]	2
▲	15	9004372	Shaft, Governor, Weight [Ku]	2
▲	16	70977	Sleeve, Govnr [Ku]	1
▲	17	70978	Washer, Thrust [Ku]	1
	18	9004373	Bearing, Ball [Ku]	1
	19	73603	Ring, Snap [Ku]	1
	20	73604	Screw, Set [Ku]	1

Fig. 11 – Camshaft Group

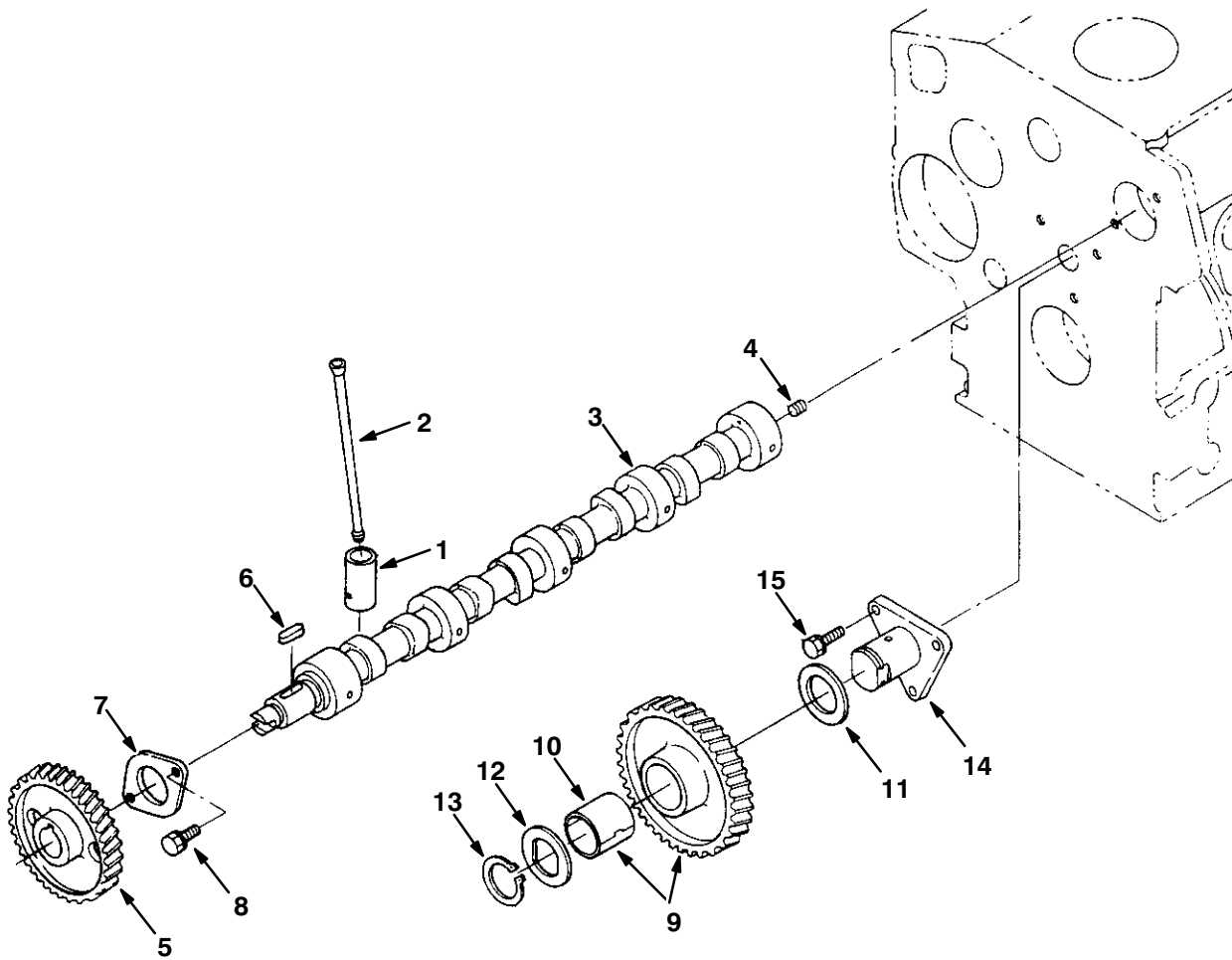


Fig. 11 – Camshaft Group

	Ref.	Part No.	Description	Qty.
	1	9004358	Tappet [Ku]	8
	2	73509	Rod, Push, Valve [Ku]	8
▽	3	9004440	Crankshaft Assy	1
▲	4	39197	Screw, Set [Ku]	1
▲	5	73511	Gear, Camshaft [Ku]	1
▲	6	73512	Key [Ku]	1
▲	7	73513	Stopper, Cam [Ku]	1
▲	8	41973	Bolt, Hex [Ku]	2
▽	9	73514	Gear, Idler, Cam [Ku]	1
▲	10	73515	Bushing, Gear, Idler [Ku]	1
	11	73516	Collar, Gear [Ku]	1
	12	73517	Washer, Collar, Gear [Ku]	1
	13	73518	Ring, Snap [Ku]	1
	14	73519	Shaft, Idler, Gear [Ku]	1
	15	41973	Bolt, Hex [Ku]	3

Fig. 12 – Piston and Crankshaft Group

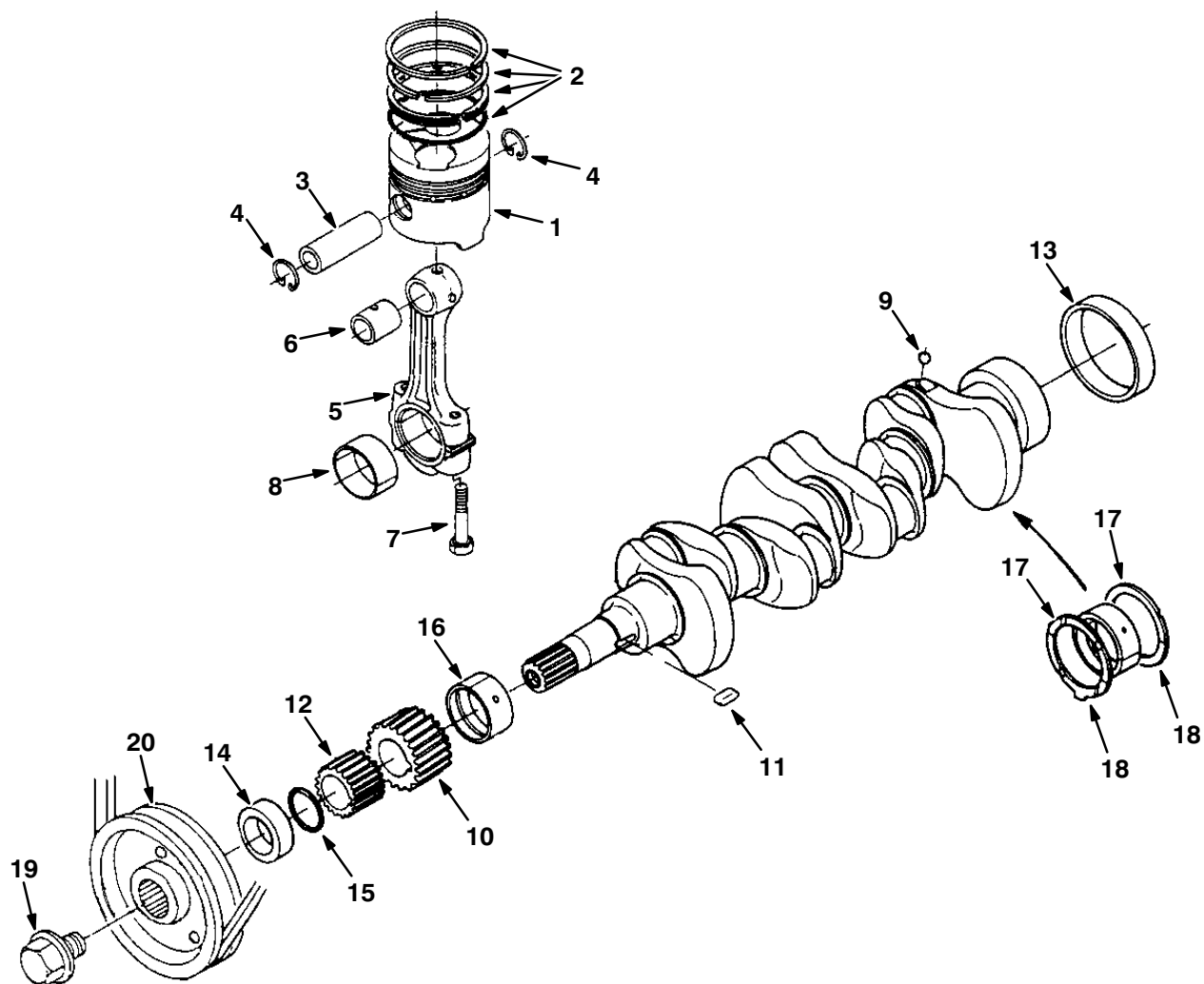
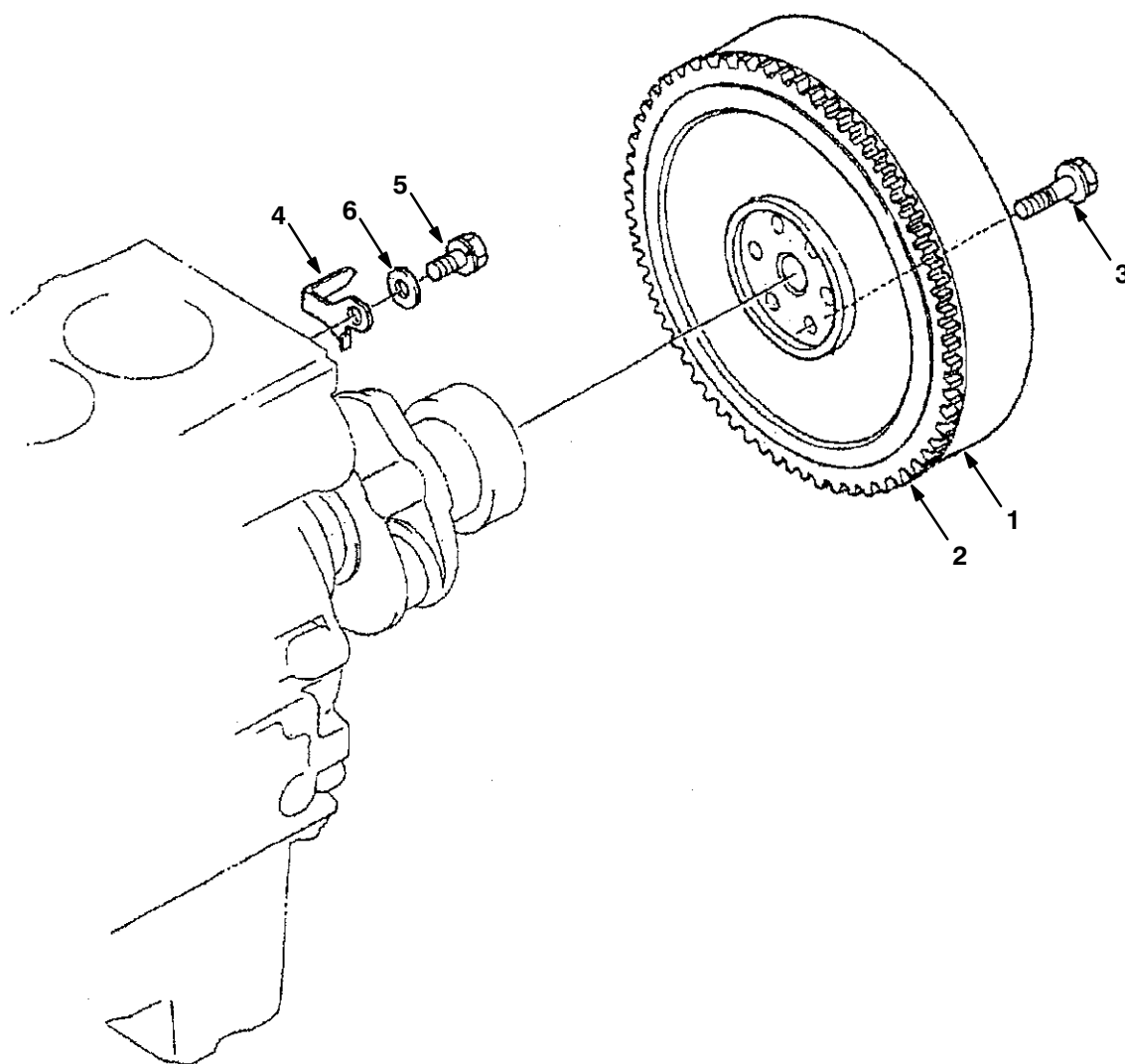


Fig. 12 – Piston and Crankshaft Group

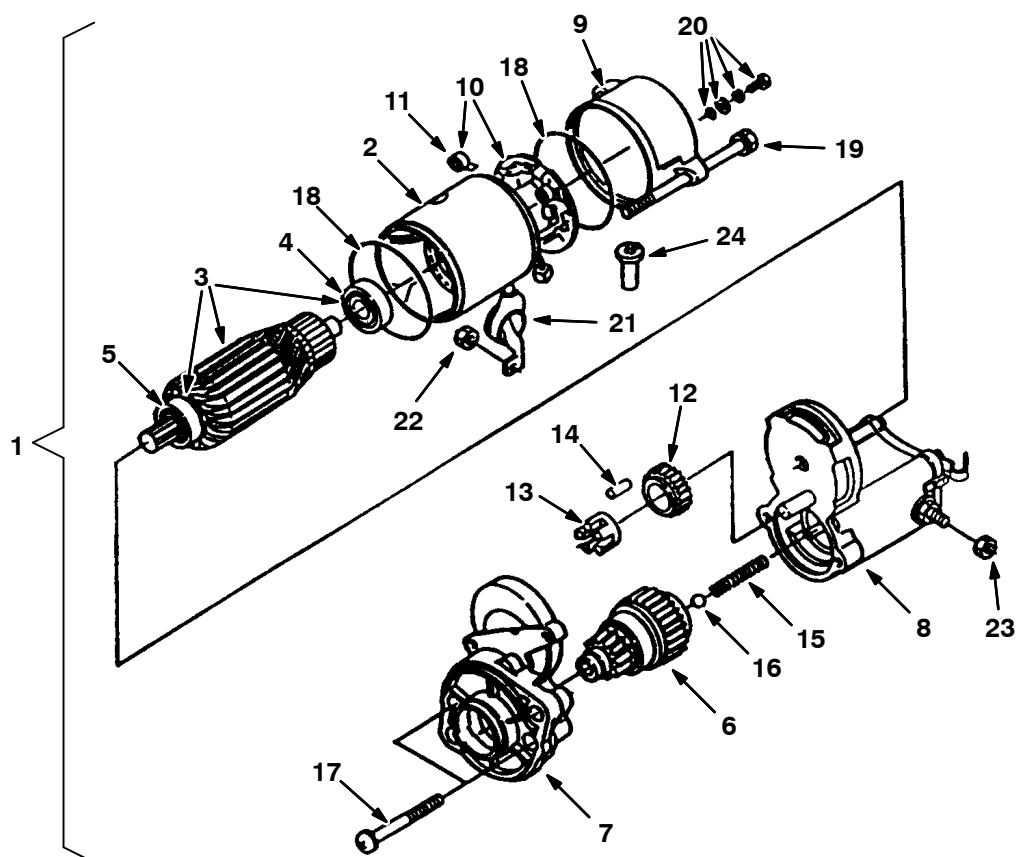
Ref.	Part No.	Description	Qty.	
1	73520	Piston, Eng [Ku]	4	
1	73521	Piston, Eng [Ku]	4	
2	9004361	Ring, Piston Assy [Ku]	4	
2	9004441	Piston, Ring Assy [Ku]	4	
3	73522	Pin, Piston [Ku]	4	
4	73523	Ring, Snap, Piston [Ku]	8	
▽	5	73524	Rod Assy, Connecting [Ku]	4
▲	6	361395	Bushing, Pin, Piston [Ku]16241–21351	4
▲	7	73525	Screw, Rod, Connecting [Ku]	8
▲	8	70941	Bearing, Rod, Connecting, Std [Ku]	4
▲	8	66204	Bearing, Rod, Connecting [–.2mm, Ku]	4
▲	8	66207	Bearing, Rod, Connecting [–.4mm, Ku]	4
▽		73526	Crankshaft	1
▲	9	73527	Ball, Cshft [Ku]	4
▲	10	73528	Gear, Cshft [Ku]	1
▲	11	73529	Key [Ku]	1
▲	12	73530	Gear, Pump, Oil [Ku]	1
▲	13	70942	Bearing, Cshft [Ku]	1
	14	70943	Collar, Crank, Front [Ku]	1
	15	9004363	Ring [Ku]	1
	16	70945	Bearing, Cshft, Std [Ku]	1
	16	70946	Bearing, Cshft, –.2mm [Ku]	1
	16	70947	Bearing, Cshft [Ku]	1
	17	10844	Bearing, Thrust, Std [Ku]	2
	17	70954	Bearing, Thrust [Ku]	2
	17	70955	Bearing, Thrust [–.4mm, Ku]	2
	18	10845	Bearing, Thrust, Std [Ku]	2
	19	73532	Screw, Hex, Cshft [Ku]	2
	20	393400	Sheave, Cshft [Ku]	2

Fig. 13 – Flywheel Group



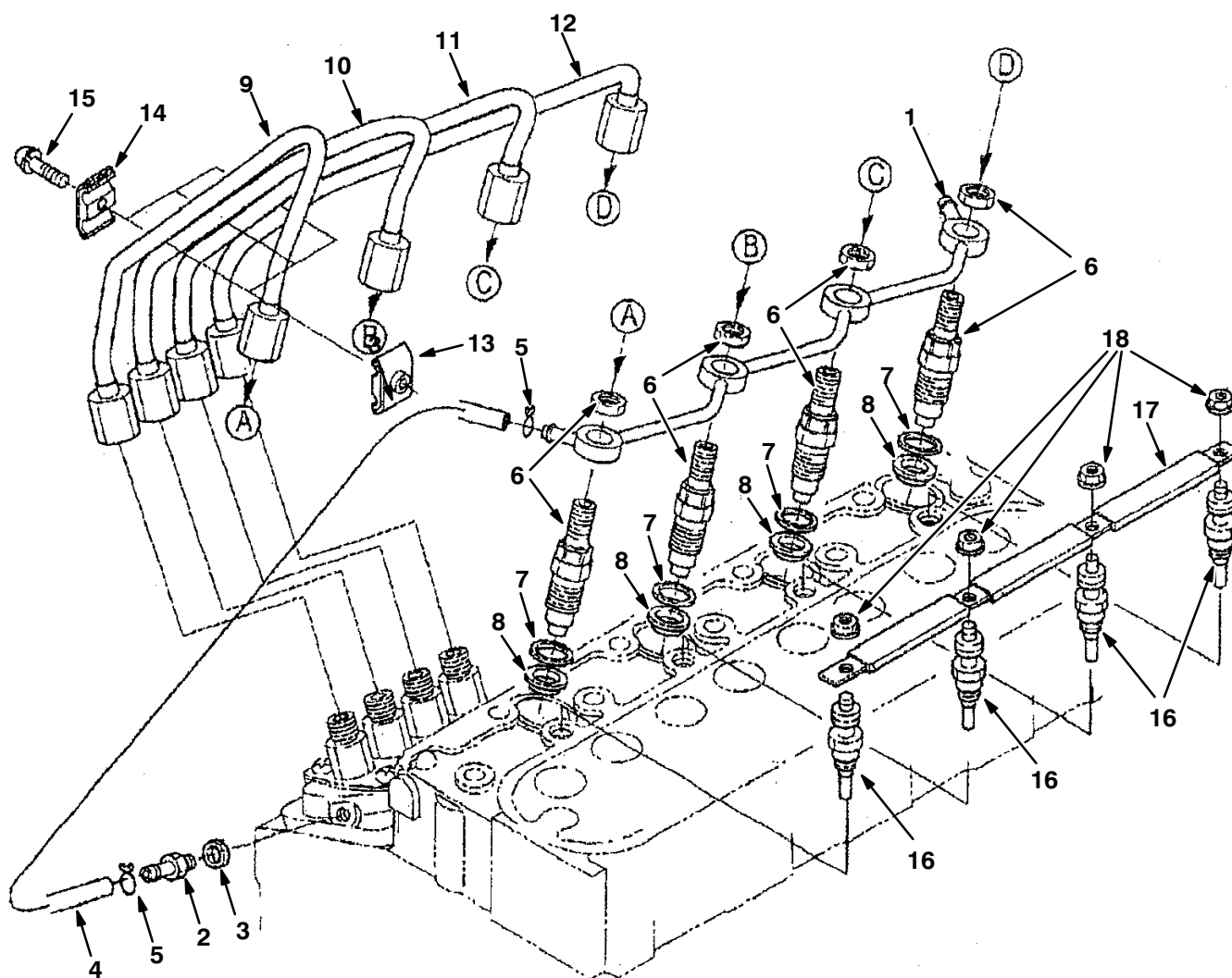
Ref.	Part No.	Description	Qty.
▽ 1	70956	Flywheel	1
▲ 2	9004442	Gear, Ring [Ku]	1
3	73533	Screw, Hex, Flywheel [Ku]	6
4	9003891	Indicator, Timing [Ku]	1
5	9004443	Bolt [Ku]	1
6	9004444	Washer, Plain [Ku]	1

Fig. 14 – Starter Breakdown, 74405



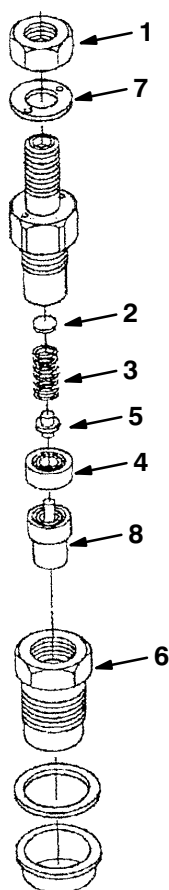
Ref.	Part No.	Description	Qty.
▽	1	74405 Starter, 12vdc [Kubota]	1
▲	2	70196 Yoke	1
▲▽	3	70197 Armature, Motor [Ku]	1
▲▲	4	70198 Bearing	1
▲▲	5	70199 Bearing	1
▲	6	70200 Clutch	1
▲	7	70201 Frame, End, Drive	1
▲	8	70202 Switch, Magneto [Ku]	1
▲	9	70203 Frame, End	1
▲▽	10	70204 Brushholder	1
▲▲	11	70205 Spring, Brush	4
▲	12	70206 Gear	1
▲	13	70207 Retainer	1
▲	14	73545 Retainer, Gear, Starter [Ku]	5
▲	15	70208 Spring	1
▲	16	73547 Spring, Ext [Ku]	1
▲	17	70209 Bolt	2
▲	18	20433 Seal, Org	2
▲	19	70210 Bolt	2
▲	20	20432 Bolt	2
▲	21	70211 Cover	1
▲	22	73551 Nut, Hex [Ku]	1
▲	23	70212 Nut	1
▲	24	70213 Tube, Drain, Starter	1

Fig. 15 – Nozzle Holder and Glow Plug Group



	Ref.	Part No.	Description	Qty.
▽ ▲	1	73554	Pipe, Overflow	1
	2	73555	Fitting, Fuel [Ku]	1
	3	40166	Gasket, F/ Bolt [Ku]	1
		361373	Hose, Fuel [Ku]	1
	4	9004389	Pipe, Fuel, Overflow [Ku]	2
▲	5	9004390	Pipe, Clip [Ku]	4
▽	6	372917	Housing Assy, Nozzle	1
▲	7	9004450	Gasket [Ku]	1
▲	8	9004451	Seal, Heat [Ku]	1
	9	70965	Tube, Injector, Pipe #1 [Ku]	1
	10	70966	Tube, Injector, Pipe #2 [Ku]	1
	11	70967	Tube, Injector, Pipe #32 [Ku]	1
	12	70968	Pipe, Injector, # 4	3
	13	30131	Clamp, Tube, Inj, Pipe #1 [Ku]	3
	14	39507	Clamp, Pipe	4
	15	393566	Screw, W / Washer	1
	16	84638	Glowplug [Ku]	3
	17	73560	Cord, Ele, Glowplug	3
	18	9004393	Nut, Flange [Ku]	3

Fig. 16 – Nozzle Holder Breakdown



	Ref.	Part No.	Description	Qty.
▽		372917	Housing Assy, Nozzle	4
▲	1	9004395	Nut [Ku]	1
▲	2	9004396	Washer, Adjusting [Ku]	1
▲	3	9004397	Nozzle, Spring [Ku]	1
▲	4	388500	Spacer [Ku]	1
▲	5	9004398	Rod, Push [Ku]	1
	6	9004399	Nut, Nozzle [Ku]	1
	7	9004400	Washer, Plain [Ku]	1
	8	9004401	Nozzle [Ku]	1

Fig. 17 – Injection Pump Group

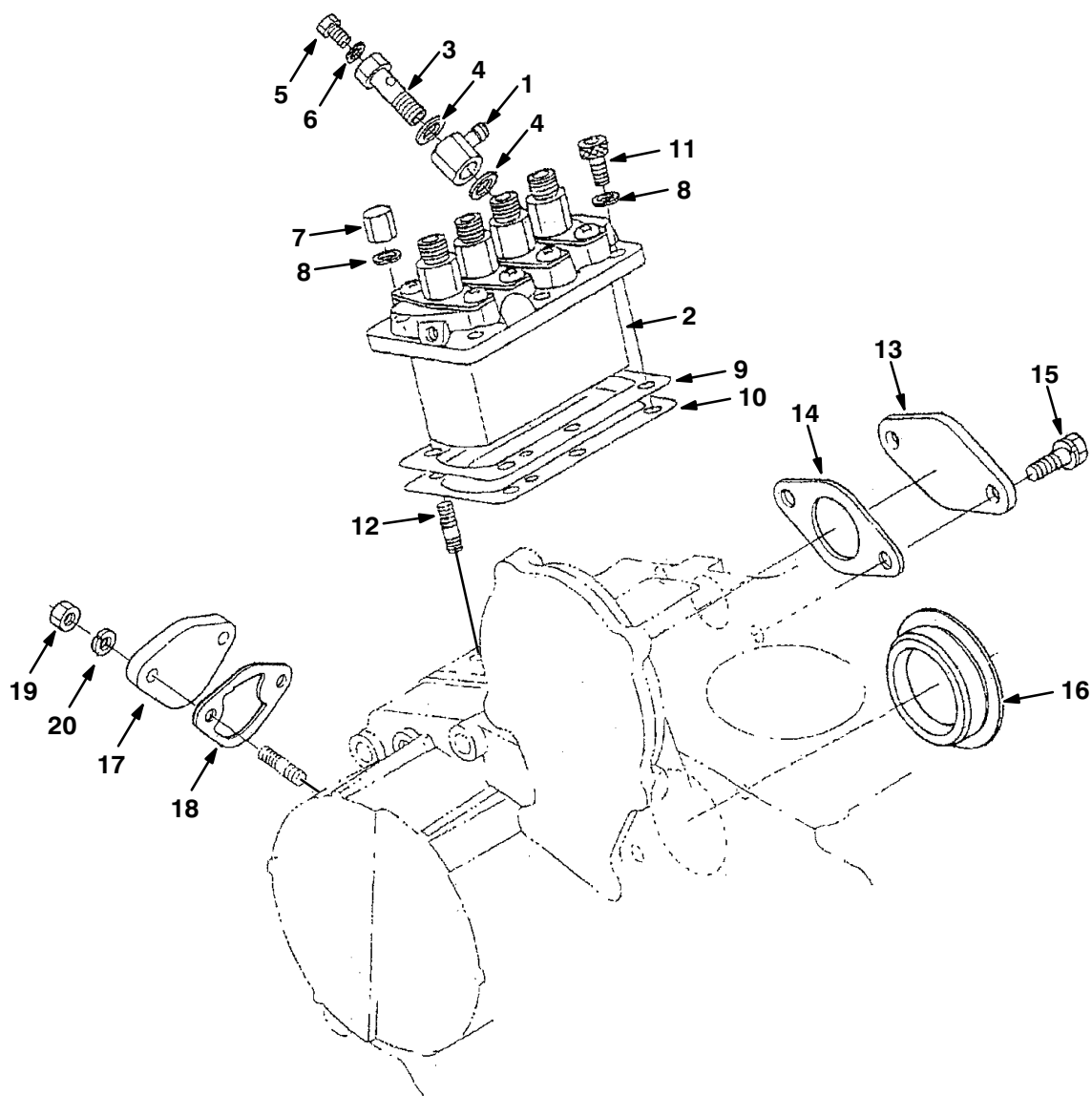


Fig. 17 – Injection Pump Group

	Ref.	Part No.	Description	Qty.
	1	9004376	Eye, Joint [Ku]	1
▽	2	84635	Pump, Injection [Kubo]	1
▲	3	84651	Follower, Screw, Pump, Injection[Ku]	1
▲	4	73588	Gasket, Ftg, Banjo [Ku]	2
▲	5	73589	Screw, Hex [Ku]	1
▲	6	73590	Gasket, F/ Screw [Ku]	1
	7	73563	Nut [Ku]	3
	8	39065	Washer, Lock, Split [Ku]	6
	9	70972	Shim	1
	9	70973	Shim	1
	10	84644	Shim, Pump, Injection	1
	11	73561	Bolt [Ku]	3
	12	73562	Stud [Ku]	3
	13	9004454	Cover, Solenoid [Ku]	1
	14	70165	Gasket, Solenoid, Throttle [Ku]	1
	15	39160	Bolt, Hex [Ku]	2
	16	70188	Cover, Hole, Pump [Ku]	1
	17	73565	Cover, Hole, Pump, Fuel [Ku]	1
	18	70974	Gasket, Pump, Fuel [Ku]	1
	19	39121	Nut, Hex [Ku]	2
	20	39065	Washer, Lock, Split [Ku]	2

Fig. 18 – Injection Pump Breakdown

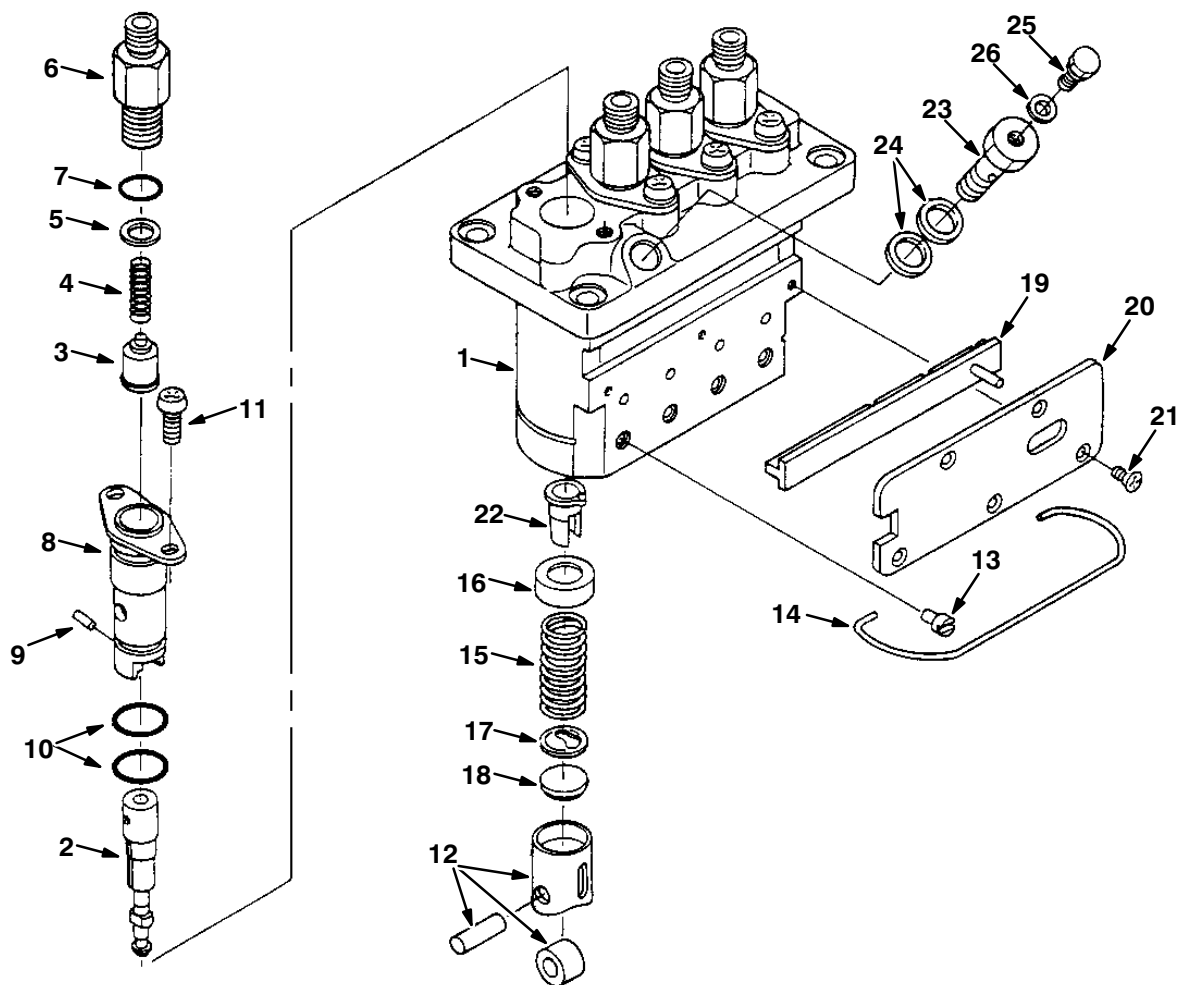
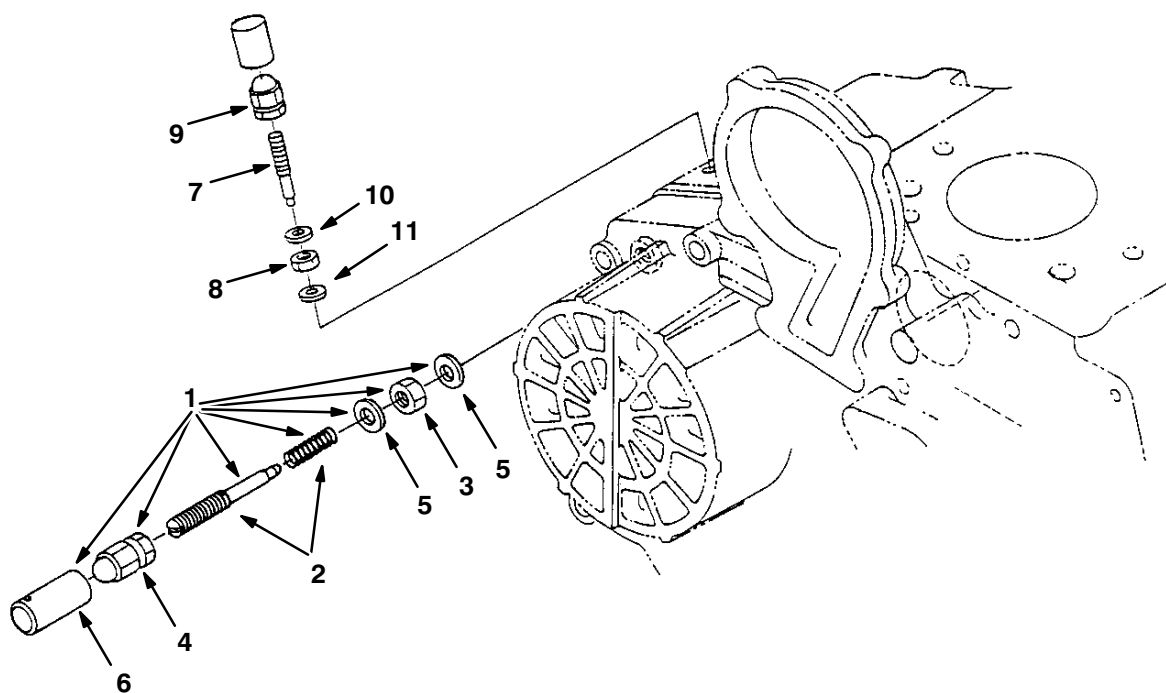


Fig. 18 – Injection Pump Breakdown

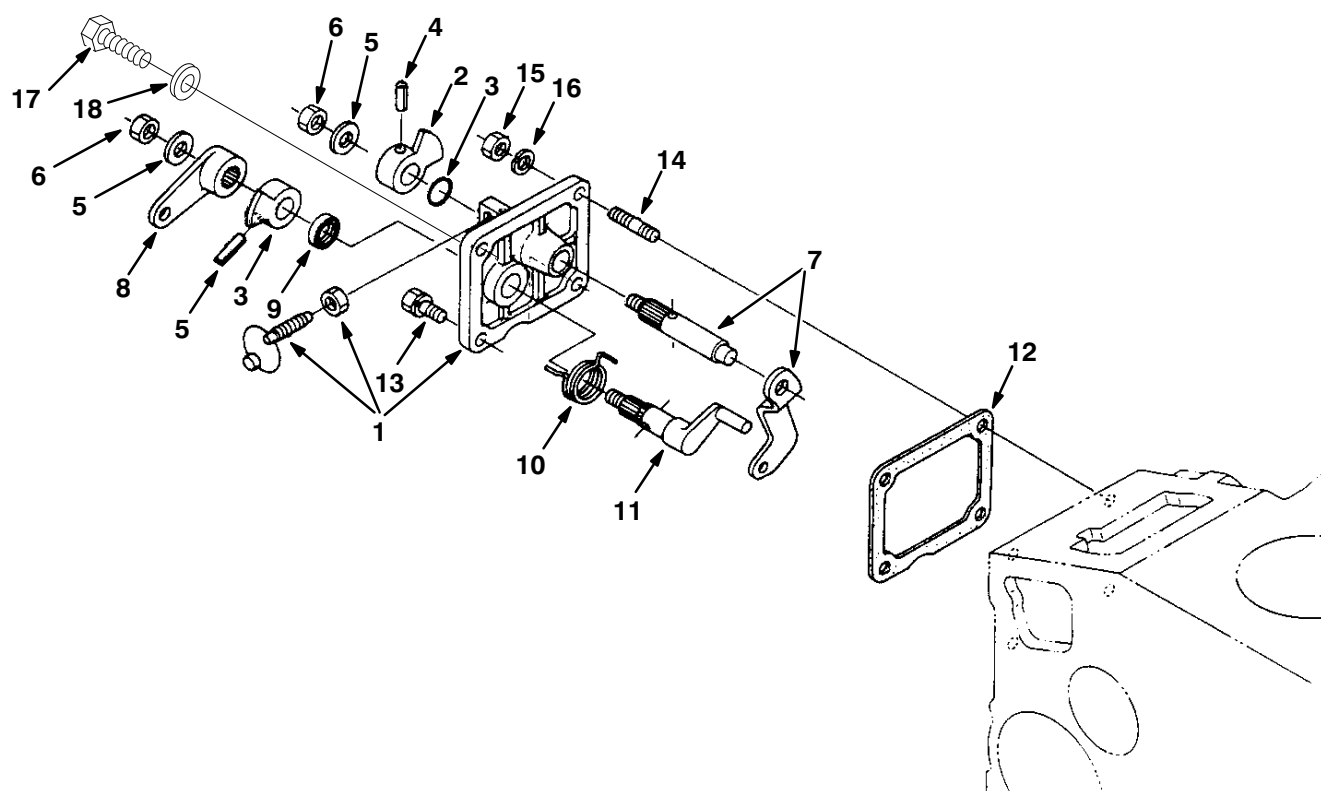
	Ref.	Part No.	Description	Qty.
▽	1	84635	Pump, Injection [Kubo]	1
▲	2	84648	Plunger, Pump, Inj [Ku]	4
▲	3	73567	Valve, Eng [Delivery, Ku]	4
▲	4	73568	Spring, Cmpr, Valve, Injector [Ku]	4
▲	5	73569	Gasket, Valve, Injector [Ku]	4
▲	6	73570	Holder, Valve, Inj [Ku]	4
▲	7	73571	Seal, Org [Ku]	4
▲	8	73572	Flange, Sleeve [Ku]	4
▲	9	73573	Pin, Joint, Inj [Ku]	4
▲	10	73574	Seal, Org [Ku]	8
▲	11	73575	Screw, Hex [Ku]	8
▲	12	73576	Tappet, Pump, Injection [Ku]	4
▲	13	73577	Pin, Tappet [Ku]	4
▲	14	73578	Pin, Clamp	1
▲	15	73579	Spring, Cmpr, Plunger [Ku]	4
▲	16	73580	Seat, Spring, Upper, Injector [Ku]	4
▲	17	73581	Seat, Spring, Lower, Injector [Ku]	4
▲	18	73582	Shim, Tappet, Injection [Ku]	1
▲	19	84649	Control, Fuel	1
▲	20	84650	Plate	1
▲	21	73585	Screw, Pump, Injection [Ku]	5
▲	22	73586	Sleeve, Cntrl, Pump, Injection [Ku]	4
▲	23	84651	Follower, Screw, Pump, Injection [Ku]	1
▲	24	73588	Gasket, Ftg, Banjo [Ku]	2
▲	25	73589	Screw, Hex [Ku]	1
▲	26	73590	Gasket, F/ Screw [Ku]	1

Fig. 19 – Idling Group



	Ref.	Part No.	Description	Qty.
▽	1	9004446	Idling, Apparatus [Ku]	1
▲	2	9004447	Bolt, Adjustment Assy [Ku]	1
▲	3	73606	Nut, Hex [Ku]	1
▲	4	361375	Nut, Cap [Ku]	1
▲	5	40166	Gasket, F/ Bolt [Ku]	2
▲	6	30136	Cap, Screw, Idler [Ku]	1
	7	73610	Screw, Adj, Stop [Ku]	1
	8	9004374	Nut, Lock [Ku]	1
	9	361375	Nut, Cap [Ku]	1
	10	40166	Gasket, F/ Bolt [Ku]	2
	11	9004375	Gasket [Ku]	1

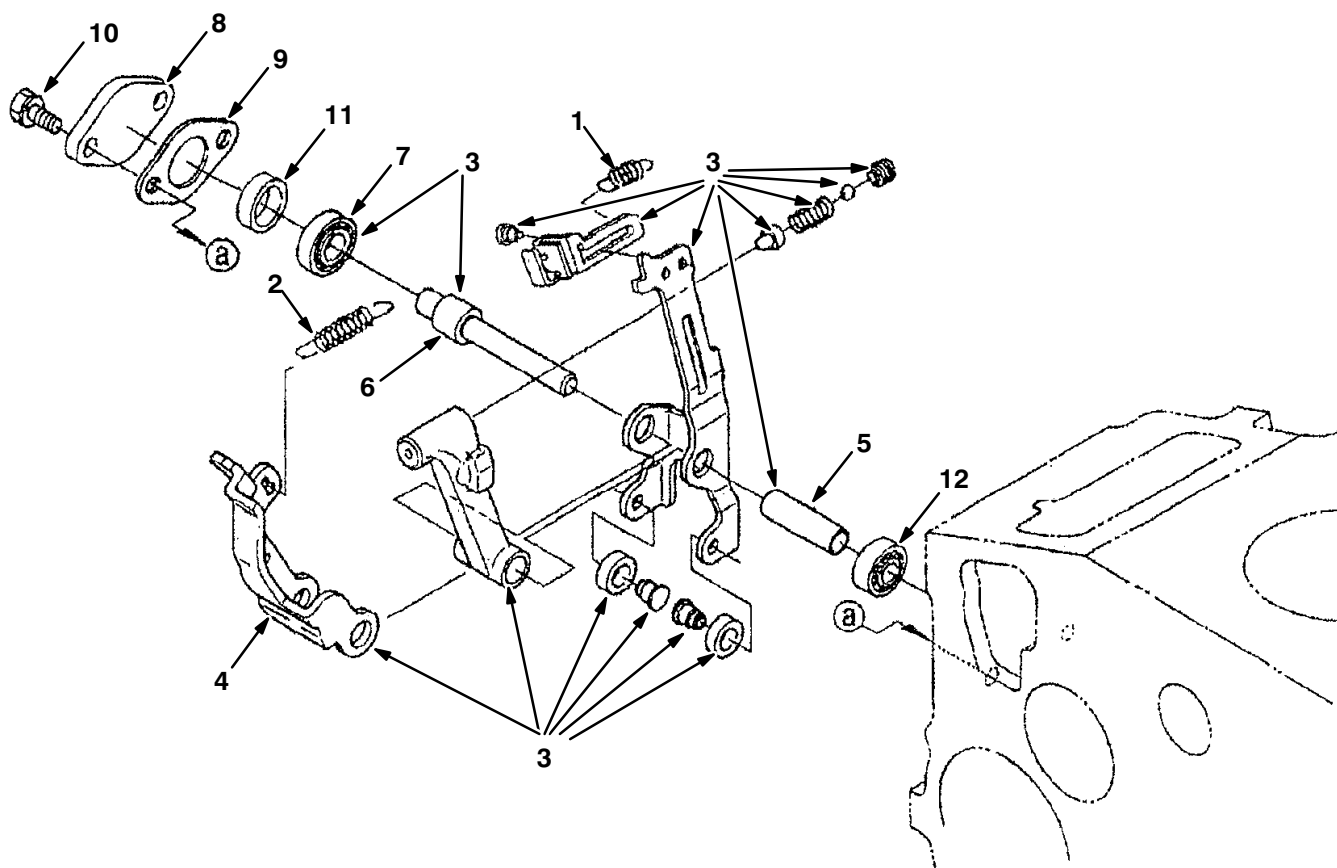
Fig. 20 – Speed Control Plate Group



07445 – M20, D

Ref.	Part No.	Description	Qty.
▽	1 70982	Plate, Cntrl, Spd [Ku]	1
▲	2 73619	Lever, Cntrl, Spd [Ku]	2
▲	3 9004385	O-Ring [Ku]	1
▲	4 40407	Pin, Spring [Ku]	2
▲	5 73621	Washer, Flat [Ku]	2
▲	6 73622	Nut, Hex [Ku]	2
▲	7 73623	Lever, Plate, Cntrl [Ku]	1
▲	8 73624	Lever, Stop [Ku]	1
▲	9 70983	Seal, Oil [Ku]	1
▲	10 73625	Spring, Tors [Ku]	1
▲	11 73626	Shaft, Lever, Spd [Ku]	1
	12 70984	Gasket, Cover, Spd [Ku]	1
	13 41973	Bolt, Hex [Ku]	2
	14 9004386	Stud [Ku]	2
	15 39121	Nut, Hex [Ku]	2
	16 39065	Washer, Lock, Split [Ku]	2
	17 9004449	Bolt [Ku]	1
	18 40166	Gasket, F/ Bolt [Ku]	1

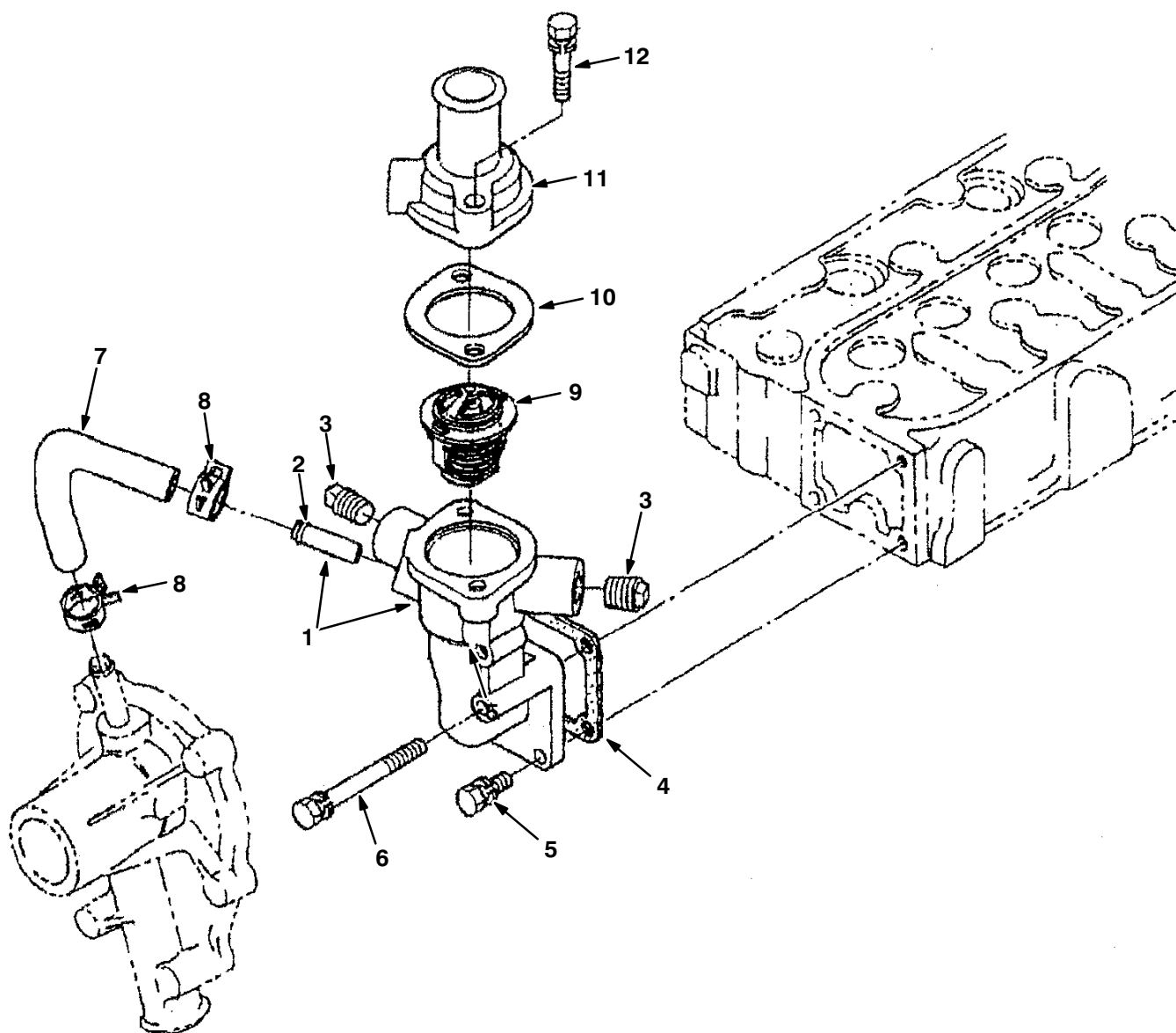
Fig. 21 – Governor Group



07447 – M20, D

Ref.	Part No.	Description	Qty.
1	9004379	Spring, Start [Ku]	1
2	9004448	Spring, Governor [Ku]	1
▽ 3	9004775	Lever Assy, Fork [KU]	1
▲ 4	9004381	Lever, Fork [Ku]	1
▲ 5	9004382	Lever, Fork, Shaft [Ku]	1
▲ 6	9004283	Belt Kit, W/ Installation Tool	1
▲ 7	70989	Bearing, Ball [Ku]	1
8	73631	Cover, Lever, Gov [Ku]	1
9	361430	Gasket, Cover, Gov [Ku]	1
10	71995	Screw, Hex [Ku]	2
11	70991	Collar, Govnr [Ku]	1
12	70992	Bearing, Ball [Ku]	1

Fig. 22 – Water Flange Group



Ref.	Part No.	Description	Qty.
▽ 1	368090	Flange, Water [Ku]	1
▲ 2	384859	Pipe, Water, Return	1
3	73632	Fitting, Pipe, Plug [Ku]	2
4	70994	Gasket, Hsg, Thermostat [Ku]	1
5	41973	Bolt, Hex [Ku]	3
6	384872	Bolt	1
7	73633	Hose, Water [Ku]	1
8	73634	Clamp, Hose, Heater [Ku]	2
9	10852	Thermostat, 180deg, 1.7d [Ku]	1
10	10851	Gasket	1
11	368091	Housing, Thermostat [Ku]	1
12	40418	Bolt [Ku]	2

SECTION 7

CONTENTS

PAGE

PART NUMBER TO PAGE NUMBER CROSS REFERENCE LIST	7-2
PART DESCRIPTION TO PAGE NUMBER CROSS REFERENCE LIST	7-14

CROSS REFERENCE

PART NUMBER TO PAGE NUMBER CROSS REFERENCE LIST

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
C460919	2-159	07259	2-53, 2-61, 2-63, 2-69, 2-77	09738	3-13
IB3614	4-10			09739	2-49, 2-65, 2-67, 2-91, 3-13, 3-19, 3-25, 3-33, 3-43, 3-47, 3-49
00500-15	4-8, 4-9	07299	2-21, 2-37, 2-39		
00927	2-65, 2-67	07449	2-77	09740	2-7, 2-13, 2-19, 2-27, 2-35, 2-57, 2-65, 2-67, 2-69, 2-71, 2-81, 2-85, 2-87, 2-89, 2-93, 2-95, 2-97, 2-99, 2-125, 2-127, 3-3, 3-5, 3-21, 3-29, 3-37, 3-47, 3-49, 3-57
00954	2-97	07514	3-19		
00960	2-29, 2-31	07782	2-17	09741	2-69, 2-73
00966	4-10	07786	2-51, 2-81, 2-85	09744	2-87, 3-37
01316	3-3, 3-57	07788	2-81, 2-85, 2-99	09832	2-35, 2-37, 2-39
01493	2-7	07789	2-53	1002789	3-23, 3-25
01681	2-15	07790	2-37, 2-39	1002898	3-21, 3-29
01683	2-31, 2-49, 2-51, 3-3, 3-19, 3-25, 3-29, 3-33, 3-43, 3-57, 3-59, 3-61	07791	2-39, 2-79, 2-83, 2-121	1002899	3-21, 3-29
				1005086	3-23, 3-25
01684	2-3, 2-57, 2-61, 2-63, 2-71, 2-87, 2-91, 2-93, 3-29, 3-37, 3-61	07797	2-127	1005219	3-39
01685	2-27, 2-33, 2-35, 2-57, 2-61, 2-63, 2-71, 2-73, 2-75, 2-77, 2-81, 2-85, 2-89, 2-95, 2-99, 3-3, 3-7, 3-11	07805	2-71, 3-37	1005255	3-21
		07810	2-61	1005302	3-19, 3-29, 3-39
01686	2-5, 2-53, 2-73, 3-13	08085	2-13	1005435	3-21, 3-29, 4-29
01714	2-49, 2-51	08170	2-49	1005506	3-19
01754	2-57	08171	2-47, 2-59	1005507	3-19
01760	2-13	08175	2-65, 2-67	1005508	3-19
01762	2-65, 2-67, 3-7, 3-9	08179	2-49, 2-53, 2-61, 2-63, 2-73, 3-7, 3-11	1005552	3-19, 3-23, 3-25, 3-29, 3-39
02430	4-26			1006400	3-29
02706	4-7	08180	2-45	1006401	3-19
02850	2-13, 2-19, 2-35, 3-21	08182	2-51, 2-81, 2-85	1006415	3-21, 3-39
02931	2-77	08236	2-69	1006416	2-25, 3-29
02938	2-59, 4-29	08708	2-7, 2-13, 2-15, 2-17, 2-25, 2-27, 2-29, 2-31, 2-35, 2-37, 2-39, 2-49	1006447	3-19
02942	2-53			1007482	2-35, 2-41
03026	2-27	08709	2-5, 2-7, 2-19, 2-21, 2-23, 2-29, 2-31, 2-35, 2-41, 2-43, 2-49, 2-51, 2-81, 2-85, 2-125, 3-15	1008916	2-17
03192	3-51			1010614	3-43
03495	2-75	08711	2-21, 2-47	1010668	3-25, 3-29, 3-33, 3-43
03922	2-97	08712	2-11, 2-33, 2-57, 2-61, 2-63, 2-71, 2-73, 2-91, 2-93, 3-61	1010684	3-19
04414	2-7, 2-21, 2-73, 2-75			1010836	3-19
04706	2-15	08713	2-27, 2-33, 2-35, 2-51, 2-55, 2-57, 2-61, 2-63, 2-65, 2-67, 2-69, 2-71, 2-73, 2-75, 2-77, 2-79, 2-83, 2-87, 2-89, 2-95, 2-99, 3-7, 3-13, 3-15	1011403	3-29, 3-39
04733-12	2-69			1011412	3-19, 3-25, 3-31, 3-33, 3-43
06548	2-29, 2-49	08714	2-55, 2-63, 2-73, 2-77	1011521	3-23
06549	2-13, 2-43, 3-37, 3-57, 3-61	08716	2-33, 2-61, 2-63, 2-81, 2-85, 2-91, 2-93	1011837	3-39, 3-41
06922	2-57			1011885	3-5
06927	2-19, 2-35	08875	2-87	1013031	2-33
06928	2-59	09005	2-65, 2-67	1013902	3-21
06929	2-13	09007	2-81, 2-85, 2-93	1014082	3-21
06939	3-57	09010	2-51, 2-55, 2-61, 2-63, 2-65, 2-67, 2-71, 2-73, 2-87, 2-99, 3-7, 3-11, 3-15	10143	1-1, 2-43
06942	2-7, 2-17, 2-25, 2-29, 2-35, 2-49			1014563	2-35, 2-37, 2-39, 2-57, 2-61, 2-63, 2-77, 2-97, 2-101, 3-51
06943	2-13, 2-25, 2-27, 2-29, 2-31	09011	2-99		
06944	2-59	09023	2-73, 2-99	1014575	3-21
06947	2-25	09028	2-53, 2-59, 2-69, 2-81, 2-85	1014705	2-69
06955	2-49, 2-89, 2-95			1014929	3-29
06957	2-57, 2-73	09081	2-79, 2-83	1014971	4-29
06960	2-15	09198	2-51	1014974	3-5, 3-43, 4-29
06962	3-59	09200	2-13, 2-19, 2-57, 2-91, 3-19, 3-25, 3-29, 3-33	1014986	3-29
06963	2-57			1015033	3-5
06965	3-59	09206	3-21, 3-37	1015041	2-35, 2-41
06966	2-21	09252	2-13, 2-51, 2-53, 3-37, 3-61	1015045	2-91, 3-3, 3-13, 3-31, 3-41, 3-57
06969	2-47, 2-69			1015048	3-5
06972	2-21	09291	2-57, 2-61, 2-63		
06988	2-17				

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
1015067	3-25, 3-33	1018333	3-25	1021789	2-33
1015220	2-57	1018495	3-57	1021794	3-7
1015223	2-7	1018499	3-19, 3-57	1021834	2-7
1016314	2-29, 2-31	1018549	2-147	1021878	3-21, 3-29
1016354	4-29	1018776	2-13	1021879	2-93
1016463	2-61	1018780	3-21	1021881	3-57
1016827	2-25	1018883	3-19	1021920	2-93
1016837	3-3	1018884	3-19	1021991	2-125
1017101	2-87	1018936	2-125, 4-11	1022003	2-71
1017126	1-1, 2-25	1018938	3-15, 4-13	1022004	2-19
1017141	2-159	1019031	2-81	1022005	2-13, 2-19
1017218	2-7, 2-13, 2-19, 2-55, 2-61, 2-63, 2-87, 2-89, 2-93, 2-95, 2-97, 2-99, 2-125, 2-127, 3-5, 3-21, 3-29, 3-37, 3-47, 3-49, 3-57	1019146	2-69	1022007	1-1, 2-71
1017248	3-49	1019225	2-5	1022009	1-1, 2-71
1017368	2-3	1019228	2-13	1022031	2-49
1017386	3-39	1019250	3-57	1022069	2-17
1017413	3-39	1019251	2-5	1022105	2-13
1017415	3-39	1019295	1-1, 2-79, 2-83	1022106	3-13
1017791	2-5	1019424	2-89, 2-95	1022111	3-7
1017868	1-1, 2-75	1019445	3-47, 3-49	1022113	2-33
1017903	2-45	1019630	2-151	1022135	3-7
1017944	2-57	1019636	3-5	1022137	2-89, 2-95
1017969	2-33	1019646	3-27	1022165	2-71
1018097	3-21	1019950	2-153	1022167	2-93
1018098	3-19, 3-29	1019968	2-37, 2-39	1022179	2-71
1018155	4-29	1019971	3-47, 3-49	1022188	3-7
1018193	2-61	1020003	2-69	1022229	3-5
1018194	2-61	1020163	2-71	1022243	2-49
1018196	2-61	1020166	1-1, 2-71	1022260	3-7
1018197	2-61	1020168	2-7, 3-37	1022266	3-51
1018199	2-61	1020186	2-19	1022276	3-51
1018202	2-61	1020207	2-71	1022302	3-7
1018203	2-57	1020208	2-71	1022318	3-13
1018206	2-61	1020209	2-87	1022345	2-51
1018207	2-57	1020320	2-97	1022359	2-71
1018208	2-59	1020331	2-93	1022363	2-71
1018209	2-101	1020335	2-93	1022370	2-93
1018210	2-61	1020341	2-39	1022372	2-73
1018216	2-101	1020394	2-125, 4-19	1022377	2-97
1018226	2-53	1020428	2-87	1022442	2-73
1018227	2-53	1020487	2-13	1022482	2-125
1018236	2-61, 2-63	1020540	2-7	1022484	2-125
1018237	2-61, 2-63	1020548	2-81	1022545	2-77
1018239	2-55	1020708	2-125	1022699	2-7
1018240	2-59	1020828	2-71	1022736	2-49
1018241	2-53	1020904	2-7	1022779	2-51
1018244	2-61	1020949	2-27	1022787	2-51
1018245	2-61, 2-63	1021019	2-65, 2-67	1022825	2-81, 2-85
1018252	2-101	1021047	2-59	1022831	2-75
1018253	2-61, 2-63	1021090	2-93	1022978	2-85
1018260	2-53	1021210	3-5, 4-3	1023074	2-21
1018262	2-53	1021265	2-15	1023144	5-4, 6-4
1018266	2-53	1021290	2-43	1023154	2-35
1018272	2-55	1021325	3-3	1023180	2-35, 2-41
1018274	2-59	1021327	2-5	1023239	2-75
1018275	2-53	1021404	2-77	1023282	2-21
1018276	2-53	1021419	2-93	1023306	2-81
1018280	2-59	1021439	3-11	1023307	2-85
1018289	2-123	1021473	3-11	1023314	2-85
1018293	2-59	1021497	2-77	1023464	2-9
1018300	2-55	1021511	2-75	1023476	2-77
		1021546	2-77	1023482	2-23
		1021564	3-11	1023485	3-17
		1021579	1-1, 2-123	1023486	3-17
		1021609	2-73	1023488	2-109
		1021617	3-11	1023499	2-13

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
1023502	2-89, 2-95	1025229	2-23	1027290	1-1, 2-87
1023545	2-123	1025405	3-15	1027313	2-51
1023569	2-9	1025435	2-7	1027320	2-115
1023606	2-111, 2-113	1025445	3-17	1027321	2-115
1023607	2-111, 2-113	1025460	2-77	1027381	2-87
1023608	2-109	1025480	2-89, 2-95	1027560	3-59
1023609	2-109	1025487	2-49	1027591	2-21
1023617	2-65	1025495	2-49	1027688	2-3
1023754	2-97, 2-99	1025544	2-115	1027692	2-51
1023769	2-115	1025547	2-111	1027697	2-2
1023779	2-73	1025548	2-115	1027716	1-1, 3-7
1023810	2-35	1025551	2-117	1027719	1-1, 2-75
1023853	2-35, 2-41	1025601	2-77	1027742	2-51
1023879	3-51	1025619	2-93	1027759	3-63
1023892	2-27	1025620	2-93	1027798	3-49
1023911	1-1, 2-29	1025680	2-73	1027800	3-49
1023926	2-15	1025736	2-13	1027810	2-69
1023943	2-29	1025756	2-101	1027916	2-5
1024028	2-35	1025806	2-19	1027922	2-25
1024141	2-148	1025841	2-101	1027926	3-11
1024206	2-29	1025872	2-97	1027976	3-57
1024211	2-29	1025887	2-97	1027978	3-57
1024213	2-29	1025888	2-97	1028074	2-91
1024231	2-7	1025904	2-53	1028145	2-111
1024237	3-29	1025916	2-13	1028173	2-93
1024249	2-45	1025990	3-17	1028211	2-93
1024251	2-119, 4-7	1025991	3-17	1028328	2-93
1024260	2-15, 4-25	1025992	3-17	1028374	2-75
1024264	2-29	1026003	2-35	1028412	2-19
1024274	2-43	1026007	2-73	1028420	2-29
1024287	2-11	1026014	2-93	1028516	2-19
1024357	2-33	1026025	2-49	1028522	2-93
1024380	2-25	1026051	2-89, 2-95	1028582	3-19
1024389	2-87	1026067	3-21	1028635	2-81, 2-85
1024403	2-93	1026074	3-19	1028667	2-29
1024425	2-13	1026080	2-65, 2-67	1028690	2-89, 2-95
1024464	2-13	1026108	2-71	1028691	2-89, 2-95
1024478	2-15	1026119	3-15	1028697	3-5
1024500	2-19	1026146	3-53	1028701	2-89, 2-95
1024535	2-89, 2-95	1026222	2-2	1028769	2-11
1024558	2-89, 2-95	1026223	2-2	1028772	2-11
1024570	2-71	1026319	2-121	1028821	2-121
1024576	2-81, 2-85	1026352	2-65, 2-67	1028822	2-121
1024584	2-79, 2-83	1026550	2-23	1028823	2-121
1024586	1-1, 2-79, 2-83	1026576	2-43	1028852	2-71
1024591	2-87	1026628	2-19	1028972	2-83
1024599	2-89, 2-95	1026645	2-111, 2-113	1028979	2-83
1024641	2-73	1026647	2-121	1028994	2-33
1024648	2-73	1026665	2-19	1029055	3-57
1024651	2-79, 2-83	1026726	2-19	1029057	3-37, 3-57
1024688	2-115, 2-117	1026727	2-89	1029082	2-25
1024695	2-15	1026733	2-115	1029118	3-21
1024703	2-73	1026743	3-57, 4-27	1029128	2-79
1024764	2-115	1026759	2-23	1029132	2-79
1024772	2-27	1026825	2-13	1029153	3-57
1024853	2-97	1027007	3-57	1029155	3-57
1024891	2-97	1027039	2-95	1029156	3-57
1024977	3-59	1027099	2-35	1029185	2-91
1025005	1-1, 3-7	1027103	2-35	1029362	2-11
1025100	2-69	1027112	2-35	1029379	3-7, 3-9, 4-9
1025133	2-123	1027218	2-7	1029399	3-57
1025140	2-51	1027233	2-51	1029543	3-59
1025151	2-79, 2-83	1027237	3-57	1029545	2-17
1025159	3-5	1027267	2-7	1029646	2-53
1025196	2-19	1027273	2-21	1029652	2-17

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
1029689	2-29, 2-31	1034147	2-77	1038941	2-93
1029748	2-87	1034149	2-77	1039019	3-5
1029790	3-57	1034270	2-45	1039049	2-93
1029964	2-65, 2-67	1034388	2-101	1039064	2-91
1030017	2-7	1034764	2-9	1039072	2-93
1030404	2-109	1034765	2-9	1039124	2-63
1030441	4-32	1034766	2-9	1039148	2-109
1030444	4-32	1034767	2-13	1039149	2-63
1030511	3-25, 3-33, 3-43	1034768	2-9	1039155	2-63
1030549	3-53	1034769	2-9	1039157	2-63
1030588	2-13, 2-19	1034770	2-9	1039163	2-55
1030593	2-7	1034878	2-123	1039208	2-31
1030617	2-87	1035044	2-93	1039212	2-31
1030709	2-117	1035068	2-17	1039215	2-55
1030863	3-19	1035341	2-29, 2-31	1039348	2-81, 2-85
1030864	3-19	1035727	2-77	1039357	3-29
1030878	3-19	1035794	3-29	1039396	2-71
1030910	2-69	1035878	2-35	1039521	2-23
1030911	2-69	1035976	2-35	1039652	2-93
1030969	2-2	1035997	2-7	1039757	2-87
1031011	1-1, 2-79, 2-83	1036240	2-59	1039789	2-127
1031017	2-159	1036611	2-57	1040018	2-71
1031206	2-13	1036710	2-111, 2-113	1040096	2-21
1031233	2-87	1036801	3-29	1040117	2-127
1031235	2-87	1036844	2-31	1040216	2-111
1031309	2-95	1036847	2-31	1040306	2-87
1031331	1-1, 2-75	1036859	2-31	1040318	2-121, 2-123
1031557	2-17	1036892	2-11, 2-25, 2-37, 2-39	1040467	2-15, 2-17, 2-25, 2-35, 2-37, 2-39, 2-53, 3-37, 3-61
1031566	2-29, 2-31	1036939	2-115	1040524	2-2
1031572	3-5	1036944	3-17	1040628	2-115
1031575	2-59	1036945	2-111, 2-113	1040655	2-111, 2-113
1031610	2-93	1036946	3-17	1040834	3-13
1031665	2-7, 2-11, 2-13, 2-15, 2-19	1036959	2-121	1040835	2-25
1031699	2-93, 4-3	1036965	3-17	1040841	2-9
1031796	4-27	1036997	2-91	1040876	2-127
1031797	4-27	1037011	3-15	1041006	2-57
1031798	4-27	1037032	4-29	1041389	3-17
1031799	4-27	1037042	2-117	1041822	2-11
1031800	4-27	1037053	2-117	1041920	2-57
1031801	4-27	1037235	2-57	1041953	2-89, 2-95
1031802	4-27	1037346	2-5, 2-37, 2-39, 2-43, 2-59, 2-93, 2-101	1041984	2-57
1031803	4-27	1037354	2-123	1042003	2-89
1031823	1-1, 2-79, 2-83	1037355	2-37, 2-39	1042010	2-95
1031826	2-5	1037671	2-57	1042499	2-3
1031827	2-5	1037805	3-15, 4-15	1042500	2-3
1031945	1-1, 2-75	1037809	3-35	1042504	2-3
1032010	2-33	1037816	2-93	1042686	2-69
1032399	2-51	1037825	3-25, 3-33, 3-43	1042710	4-32
1032418	2-159	1037947	2-57	1042775	2-115
1032424	2-25	1037970	2-17	1042776	2-115
1032512	2-25	1037971	2-17	1042968	3-7, 3-9
1032578	3-63	1038035	2-29	1043866	3-39
1032743	2-65, 2-67	1038074	2-91	1044323	2-55
1032812	2-23	1038115	2-61, 2-63, 3-11	1044342	3-29
1032830	3-51	1038123	2-63	1044343	3-29
1032831	3-51	1038134	2-63	1044367	2-127
1033156	2-19	1038137	2-69, 2-73, 2-81, 2-85, 3-11	1044393	3-37
1033297	3-21	1038159	4-29	1044993	2-63
1033591	2-57	1038258	2-65, 2-67	1045272	3-15
1033624	2-151	1038566	2-127, 4-21	1045316	2-35
1033688	2-35, 2-41	1038569	2-109	1045433	2-37, 2-39
1033697	2-29, 2-41	1038805	2-87	1045444	3-59
1033897	2-23	1038927	2-93	1045759	2-117

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
1045764	2-37, 2-39	1059092	1-1, 3-9	1069580	3-61
1045940	2-37, 2-39	1059100	2-99	1069876	3-62
1046090	2-17	1059234	4-32	1069933	2-53
1046173	3-37	1059343	2-45	1070222	2-79, 2-83
1046247	2-37	1059347	2-47	1070402	3-61
1046261	2-37	1059372	3-39	1070659	3-61
1046282	2-37	1059391	3-39	1071061	2-45
1046798	2-93	1059488	2-25	1071062	3-61
1046801	2-37	1059542	2-57	1071173	2-121
1046810	2-21	1059640	2-2	1071195	2-41
1046962	2-37, 2-39	1059671	2-47	1071240	2-101
1046976	3-9	1059677	3-37	1071253	2-99
1046980	1-1, 3-9	1059878	4-32	1071603	2-147
1046995	3-9	1060130	2-5, 3-13	1071947	3-46
1047002	3-9	1060185	3-37	1072456	2-13, 4-31
1047060	3-9	1060273	3-37	1072815	2-13
1047098	2-87	1060291	3-37	1072877	3-5
1047238	1-1, 3-9	1060292	3-37	1072885	2-93
1047295	2-7	1060517	4-29	1072995	2-127, 4-23
1047620	2-157	1060521	2-45	1072997	3-15, 4-17
1048295AM	1-1, 2-57	1060596	3-39	1073487	2-45
1048474	2-87	1060624	3-37	1074010	2-101
1048512	2-87	1060693	3-39	1074056	2-157
1048955	2-13	1060695	4-29	10844	5-17, 6-17
1049242	2-57	1060716	2-99	10845	5-17, 6-17
1049254	3-29, 3-39	1060719	3-37	10851	5-31, 6-29
1049259	3-29	1060871	3-46	10852	5-31, 6-29
1049919	2-17	1060880	3-46	10895	5-3
1050003	2-159	1060881	3-46	10917	4-27
1050295	3-51	1060942	2-5	11399	2-35, 2-41
1050436	2-111, 2-113	1061045	3-43	11842	2-51
1050757	2-21	1061937	2-37	11984	2-27, 3-21
1052017	3-39	1061973	2-45	12295	2-65, 2-67
1052124	2-69	1061974	2-47	12309	2-59
1052164	2-37, 2-39	1062033	2-99	12317	2-5, 2-61, 2-63, 2-73, 3-13
1052175	2-37, 2-39	1062103	2-41	12323	2-59, 3-37
1052336	3-39, 4-29	1062403	3-39	12895	5-15
1052342	2-69	1062566	2-5, 2-59	12916	6-7
1052726	3-37	1062804	3-37	13534	2-65, 2-67
1052834	2-111, 2-113	1062813	2-159	13698	2-121
1052885	2-59	10632-1	2-59	13904	4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
1053078	3-37	10632-12	3-61	13907	4-7, 4-19
1053143	2-37	10632-13	2-59	140916	3-61
1053320	2-57	10632-19	3-19, 3-29, 3-39	14432	2-27
1053464	4-29	10632-2	3-5	14595-1	2-49
1053838	2-5, 2-59, 3-13	10632-4	2-59, 3-37	14605	2-49
1054382	2-41	10632-8	2-13	14838	2-3
1054428	2-39	1064183	3-37	14877	3-3, 3-5, 3-19, 3-29, 3-39
1054575	2-65, 2-67	1064191	3-37	150006	2-35, 2-41
1054610	2-67	1064370	2-153	150100	3-19
1054682	2-65	1064371	2-151	150525	3-21
1054776	4-29	1064434	2-39	150538	3-29
1054857	2-65, 2-67	1064440	2-159	150540	3-29, 4-29
1055139	2-67	1064662	2-159	150713	3-29
1056195	3-59	1065342	2-159	15331	2-17
1056298	2-57	1065343	2-159	15539	2-3
1057637	4-29	1065793	3-51	15648	2-89, 2-95
1057643	2-65, 2-67	1066893	2-13	15675	2-65, 2-67, 2-89, 2-95
1058699	2-39	1067700	2-91	15678	2-57, 3-29
1058730	2-39	1068611	2-99	15687	2-21
1058732	2-39	1068613	2-99	16213	2-51
1058935	3-39	1068644	2-99	16376	2-21
1058963	3-37	1068811	2-65, 2-67		
1058996	2-15	1068812	3-9		
1059091	1-1, 3-9	1069562	2-69		

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
16431	2-111, 2-113	22290	2-15	32491	2-5, 2-7, 2-13, 2-15, 2-17, 2-21, 2-23, 2-25, 2-29, 2-31, 2-33, 2-35, 2-37, 2-41, 2-45, 2-49, 2-51, 2-65, 2-67, 2-69, 2-71, 2-89, 2-93, 2-95, 2-121, 2-125, 3-11, 3-13, 3-15, 3-51
16695	4-8, 4-9	223080	2-13	32492	2-5, 2-13, 2-29, 2-31, 2-37, 2-39, 2-41, 2-51, 2-59, 2-121, 3-7, 3-9, 3-51, 3-53, 3-59
16735	2-93, 3-11	223198	2-69, 3-37	32493	2-21
16931	2-7, 2-13, 2-17, 2-19, 2-25, 2-33, 2-35, 2-37, 2-41, 2-45, 2-49, 2-97	223470	3-7	32509	4-29
16944	2-53	223599	2-11	32746	2-3
16953	2-29	22615	3-9	32975	2-57
16968	2-11	22790	4-3	32981	2-23, 2-97, 2-101
17185	2-65, 2-67, 3-19	23146	2-5, 2-59, 3-13	32982	3-37
17284	3-13	23211	2-53	32983	2-13
17414	2-23, 2-25	23285	4-3	32987	2-45
17461	2-61, 2-63, 2-69, 2-81, 2-85, 3-11	23498	2-89, 2-95, 2-97, 2-101	32988	2-29, 2-31
17521	2-91	23524-1	2-73	331385	3-63
17980	2-15, 2-121	23788	2-49	331416	3-63
19064	2-35, 2-57, 3-55	24012	2-33	331418	3-63
19065	2-13, 3-37	24105	3-3	331419	3-63
19066	2-13, 2-19, 2-29, 2-31, 2-43, 2-53, 3-37, 3-47, 3-49, 3-57	24196	3-43, 3-47, 3-49	331420	3-63
19191	3-7, 3-9	24199	2-49, 3-61	331421	3-63
19252	2-21	24265	2-19, 3-3	331422	3-63
19310	2-21	24299	2-3	331423	3-63
19313	3-51	24339	2-45	331424	3-63
19583	2-45	24358	2-93, 4-3	331425	3-63
20021	2-59	24543	3-5	331426	3-63
20170	2-49	24544	3-3, 3-19, 3-29, 3-39	331427	3-63
20171	2-21	24555	2-75, 2-77, 3-9	331428	3-63
20394	2-17, 3-57	24698	3-39	331429	3-63
20432	5-21, 6-19	24929	3-29	331430	3-63
20433	5-21, 6-19	24976	2-21	331431	3-63
20634	2-57	25046	3-7, 3-9	331432	3-63
20719	5-23	25611	3-7, 3-9	331433	3-63
20778	2-43	25686	2-65, 2-67	331434	3-63
20833	1-1, 2-77	25735	2-77, 2-79, 2-83	331435	3-63
20944	3-5	28854	4-9	331436	3-63
20951	3-5, 4-29	29557	3-11	331437	3-63
20952	3-5	29558	3-11	331438	3-63
21168	2-19	29584	2-73	331439	3-63
21196	3-59	30121	5-17	33295	3-3
21197	2-51	30122	5-17	33333	2-33
21198	2-51, 2-119, 3-53	30125	5-10, 6-10	33373	2-77
21601	2-75, 3-9	30131	5-23, 6-20	33401	2-71
21602	2-75	30132	5-23	33580	4-5
21603	2-75, 3-9	30136	5-28, 6-26	33595	2-21
21606	2-75	30407	2-37, 2-39	33612	2-29, 2-31
21623	2-59	31241	2-101	33671	2-43
21657	4-26	313174	2-49	33812	2-127
21659	4-26	31354	4-8, 4-9	33932	2-19, 2-51, 2-79, 2-83, 3-3, 3-37
21851	2-13	31375	4-8	34178	4-5
21933	4-25	31379	4-8	34323	2-101
21934	4-25	31383	4-8	34359	3-15
21935	4-25	31525	2-31	34411	2-5, 2-59, 3-13
21955	4-9	31543	3-33, 3-43	35493	4-10
21956	4-9	31613	1-1, 2-123	35707	2-29, 2-31, 2-41
21958	4-9	32126	2-45	35904	2-121
222267	2-19, 2-87	32183	2-23, 2-59, 3-5	360023	2-47
222268	2-55, 2-61, 2-63	32483	2-13, 2-15, 2-23, 2-27, 2-29, 2-31, 2-33, 2-51, 2-57, 2-59, 2-101, 3-37	360074	2-47
222290	2-43, 2-157	32485	2-21, 2-27, 2-29, 2-37, 2-39, 2-51, 2-69, 2-77, 2-101, 2-119		
222375	3-43	32486	2-15, 2-35, 2-47, 2-59, 3-11		
222463	2-79, 2-83	32490	2-7, 2-25, 2-29, 2-35, 2-37, 2-39, 2-49, 2-51, 3-19, 3-21		
222496	2-33, 2-65, 2-67				
222505	2-33, 2-77				
222516	2-89, 2-95				

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
360270	2-47	368090	5-31, 6-29	373647	2-127, 4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
360271	2-47	368091	5-31, 6-29	373648	4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
360272	2-47	368132	2-35	373656	4-11, 4-13, 4-15, 4-17, 4-21, 4-23
360273	2-47	368391	2-13	373657	4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
360274	2-47	36845	3-11	373658	4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
360275	2-47	369359	3-7, 3-9, 3-59	373659	4-11
360276	2-47	369704	2-43	373660	4-11, 4-21, 4-23
360801	2-81, 2-85, 2-93	369745	2-27	373661	4-13, 4-15, 4-17
360802	2-47	369746	1-1, 2-27	373662	4-13, 4-15, 4-17
360824	2-57	369747	2-27	373663	4-13, 4-15, 4-17, 4-19, 4-21, 4-23
360952	2-57	369811	3-3	373664	4-13, 4-15, 4-19, 4-21
360973	2-87	370100	2-75	373665	4-19, 4-21, 4-23
361044	2-111	371017	6-9	373666	4-19, 4-21, 4-23
361047	3-17	372900	5-10	373667	4-19, 4-21, 4-23
361071	2-11	372901	5-10, 6-10	373668	4-19, 4-21, 4-23
361073	2-11	372904	5-10, 6-10	373669	4-19
361075	2-11	372905	5-11, 6-11	373670	4-13, 4-15, 4-17, 4-19, 4-21, 4-23
361339	2-49, 2-51, 2-59, 2-71, 3-3, 3-19, 3-21	372906	6-5	373671	4-19, 4-21, 4-23
361366	5-4, 6-4	372907	6-5	373672	4-13, 4-15, 4-19, 4-21
361368	5-23	372912	5-10, 6-10	373673	4-13, 4-15, 4-19, 4-21
361372	6-5	372913	5-10, 6-10	373678	4-7
361373	5-23, 6-20	372917	5-23, 6-20, 6-21	373679	4-7
361374	5-10, 6-7, 6-10	372918	5-10	373680	4-7
361375	6-26	372920	5-3	373681	4-7
361389	6-7	372921	5-5	373683	4-15, 4-17
361392	5-12, 6-12	372927	5-10	373684	4-21, 4-23
361395	6-17	372928	5-10, 6-10	373688	4-21, 4-23
361401	6-7	373217	4-5	374224	2-159
361427	5-11	373226	4-5	374560	2-45
361428	5-4, 6-4	373236	4-5	374563	2-45
361430	5-30, 6-28	373260	4-5	375321	3-57
361436	5-3, 6-3	373291	4-5	375322	3-3
361440	5-8, 5-31, 6-8	373297	4-5	37555	4-8, 4-9
361589	6-12	373298	4-5	37616	4-5
363162	2-75	373299	4-5	376735	2-39
36328	2-81, 2-85, 2-99	373317	4-7	377236	3-17
363301	2-75	373327	4-7	377349	2-87, 3-3
363413	1-1	373346	4-7	37756	4-5
363458	2-5	373347	4-7	379609	2-45, 4-5
363976	2-7	373348	4-7	379656	2-25
364347	2-49	373389	4-7	379791	2-61, 2-63
364441	2-75, 3-15	373391	4-7	379870	2-81, 2-85
364587	2-53	373393	4-7	380521	2-21
364749	2-13	373394	4-7	381502	2-49
364779	2-25	373395	4-7	381858	2-111
364864	2-49	373398	4-7	381862	2-111
364948	2-49	373402	4-7	382099	2-69
364972	2-21	373413	4-7	382224	2-49
365004	3-17	373427	4-7	382320	2-87, 2-93
365066	2-25	373429	4-7	382516	2-11
365190	2-25	373434	4-7	38255	4-5
36643	2-51, 2-97, 2-101	373493	4-7	383165	2-11
36644	2-69	373494	4-7	384418	2-19, 2-79, 2-83
36658	2-57	373631	4-19	384419	2-19
36661	2-57	373633	4-11, 4-13, 4-15, 4-17, 4-21, 4-23	384859	6-29
367313	2-63, 2-73	373637	4-11, 4-21, 4-23	384871	6-9
367591	2-21	373639	4-11, 4-21, 4-23	384872	6-7, 6-11, 6-29
367770	2-73	373640	4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23		
367771	2-5	373642	4-13, 4-15, 4-17, 4-19, 4-21, 4-23		
367812	2-39	373646	4-13, 4-15, 4-17, 4-19		
367949	2-87				
367974	3-53				
368056	2-21				
368059	2-21				

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
384874	6-10	393504	6-5	42215	2-101
385644	3-23, 3-25, 3-31, 3-41, 3-43, 3-57	393566	6-20	42223	2-45
385685	2-87, 2-93, 3-5	393570	6-3	42226	2-97, 2-125, 2-127, 3-15
386088	2-51, 2-81, 2-85	393588	6-8	42467	2-51
386264	2-75	393598	6-12	43555	2-75, 2-89, 2-95
386298	2-75, 3-9	39507	6-20	43844	2-35, 2-41, 3-3, 3-5, 3-29, 3-39
386652	3-5	39508	5-23	44868	2-65, 2-67, 2-101, 2-119, 2-125, 3-15
386847	2-73	39527	2-65, 2-67, 4-8	44869	2-101, 2-119, 2-123, 3-15
387237	2-75	39534	2-97, 2-101	44961	4-29
387281	2-115	395825	2-61	45622	4-5
387433	2-75	395973	2-125, 3-15	45623	4-5
387500	2-75	395974	2-125, 2-127, 3-15	45628	4-8, 4-9
388153	2-15	396221	2-109	46236	3-49
388500	6-21	396255	2-111, 2-113	46390	2-29
38968	4-5	396266	2-111	46480	2-125
39051	5-3, 6-3	396438	2-111	46481	2-121
39062	5-3, 6-3	396476	2-125, 3-15	46482	2-123, 2-127
39063	5-3, 5-5	39703-2	1-1, 2-21	46563	2-49
39065	5-7, 5-25, 5-29, 5-31, 6-7, 6-23, 6-27	397648	3-53	46785-1	2-73
39073	5-4, 5-5, 6-4, 6-5	39811	2-69	46800	3-7
39087	5-3, 6-3	398279	2-27	47504	3-15
39088	5-3, 5-5, 6-3, 6-5	398468	3-19	47512	2-119
39094	5-4, 6-4	398474	3-19	47513	2-99, 2-119
390994	2-87	398500	3-57	47522	2-45, 2-125
39103	5-7	398501	2-11	47566	2-25
39105	5-3	398508	2-11	47585	2-15
39119	5-9	39924	2-59	47638	2-53
39121	5-7, 5-25, 5-29, 5-31, 6-7, 6-23, 6-27	40166	5-23, 5-28, 6-20, 6-26, 6-27	47719	3-13
391368	2-17	40362	2-123	47752	2-121
39160	5-15, 5-28, 5-30, 6-23	40407	5-29, 6-27	47801	2-45
39161	5-7	40409	5-11, 5-13, 6-11	48079	2-51
391969	2-155	40418	6-29	48126	2-23
39197	5-15, 6-15	40607	2-59	48267	2-23
39210	2-67, 2-125, 3-15	40678	2-121	48790	3-39
392171	2-11	41130	2-97	48813	4-10
392609	2-97	41139	2-19	48985	2-69, 3-11
392611	2-29, 2-31	41141	2-71	49145	2-47
39277	2-5, 2-7, 2-21, 2-23, 2-29, 2-31, 2-35, 2-57, 2-89, 2-95, 2-99, 2-121	41169	2-51	49266	2-11, 2-25, 2-35, 2-37, 2-39, 2-41, 2-45, 2-67, 3-19, 3-39
39278	2-51	41178	2-13, 2-37, 2-39, 2-101	49697	2-79, 2-83
39279	2-49	41185	2-81, 2-85	49800	2-13, 2-35
39281	2-77	41186	2-31, 2-51, 2-89, 2-95, 2-97, 3-11	49883	2-125
39283	2-5, 2-7, 2-21, 2-29, 2-31, 2-37, 2-39, 2-121	41187	2-73, 2-81, 2-85	49933	2-97, 2-125, 2-127
39284	2-21, 2-27, 3-59	41295	3-3, 3-5	50161	2-121
39285	2-37, 2-39, 2-101	41315	2-91	50178	3-13
39308	2-81, 2-85	41346	3-11	50335	2-51
39311	2-7, 2-57	41359	3-37	50544	2-91
39312	2-57	41361	2-31	50646	2-59
393135	2-79, 2-83	41399	2-51	50901	3-39
393215	2-45, 2-53	41430	2-21, 2-29, 2-35, 2-37, 2-39, 2-101, 2-121, 3-51, 3-59	50902	2-29, 2-41
393244	1-1, 2-31	41445	2-81, 2-85	50960	2-101
393255	3-13	41579	4-29	51109	2-49
393370	2-29	41619	2-69, 2-73, 2-81, 2-85	51176	2-21
393371	2-29	41792	5-4	51305	2-35, 2-41
393400	6-17	41973	5-15, 5-29, 5-31, 6-13, 6-15, 6-27, 6-29	51331	5-5
393401	2-21	42011	2-31	51332	5-11, 6-11
39349	2-7, 2-13, 2-19, 2-37, 2-51, 2-81, 2-85, 2-87, 2-89, 2-95	42120	2-69	51338	2-45
39350	2-45	42120-1	2-53	51339	2-45
		42133A	3-3, 3-19, 3-29, 3-39	51560-5	2-27
		42180	2-51	51754	2-115

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
51787	2-121	59015	2-25	69659	3-53, 3-55
51824	2-69	59156	2-29, 2-31, 3-11	69785	2-87
51869	2-21	59194	2-81	70096	4-7
52405	4-5	59195	2-85	70100	4-7
53029	2-25	59378	4-10	70157	2-7, 2-99
53076	2-119	59542	2-53	70165	2-21, 5-28, 6-23
53466	2-5, 2-7, 2-35, 2-41, 2-43, 2-121, 3-21	59577	2-15, 2-127, 3-17	70173	2-25
53485	2-101, 4-10	59578	2-21	70188	5-28, 6-23
53947	2-51	59633	3-11	70189	5-7
53953	2-51	59649	2-101	70196	5-21, 6-19
54017	2-109	59668	2-51	70197	5-21, 6-19
54051	2-45	59735	2-101	70198	5-21, 6-19
54052	2-45	59962	2-49	70199	5-21, 6-19
54087	2-45	59967	2-101	70200	5-21, 6-19
54095	4-10	60090	2-121, 3-15	70201	5-21, 6-19
54205	2-51	60295	2-43	70202	5-21, 6-19
54274	2-35, 2-37, 2-39, 2-97, 2-99, 2-101	607775	4-29	70203	5-21, 6-19
54275A	2-97, 2-101	61490	4-8, 4-9	70204	5-21, 6-19
54333	2-23, 2-25, 2-43, 3-13, 3-19, 3-23, 3-25, 3-29, 3-31, 3-33, 3-39, 3-41, 3-43	62471	2-121	70205	5-21, 6-19
54390	2-47	630164	3-39	70206	5-21, 6-19
54607	2-49	630371	3-3	70207	5-21, 6-19
54615	2-93	63175-1	3-11	70208	5-21, 6-19
54655	2-51	63233	3-11	70209	5-21, 6-19
54861	2-97	63234	2-51	70210	5-21, 6-19
54911-16	2-21	63244-2	3-3	70211	5-21, 6-19
55272	3-49	63245-1	3-19	70212	5-21, 6-19
55455	2-123	63430	3-53, 3-55	70213	5-21, 6-19
55586	2-65, 2-67, 2-125, 2-127, 3-15	63448	3-53, 3-55	70563	2-65, 2-67
55685	3-15	63451	3-53, 3-55	70622	2-15
55837	2-21	63468	2-77	70623	2-15
55845	3-53, 3-55, 3-59	63810	2-21, 2-91, 3-3, 3-5, 3-13, 3-23, 3-25, 3-31, 3-33, 3-41, 3-43, 3-57	70709	2-15
55847	5-8, 6-8	63923	4-26	70717	2-15
55926	4-7	63987-1	3-39	70887	5-3, 6-3
56078	2-65, 2-67	64379	2-61	70888	5-3, 6-3
56185	2-15	64425	2-77, 2-79, 2-81, 2-83, 2-85, 3-7	70889	5-4, 6-4
56186	2-25, 2-151, 2-157, 3-19, 3-29, 3-37, 3-57	64743	3-19	70890	5-4
56690	2-15, 2-123, 3-15, 3-17	64778	3-39, 3-57	70891	5-4
56692	2-99, 3-7	65145-1	2-119	70893	5-4
56820	2-15, 2-125, 2-127, 3-15	65180	2-77	70895	5-5
56821	3-7, 3-9	65215	2-123	70896	5-5
56835	2-15	65230	4-9	70897	5-5, 6-5
56992	2-11	65241	4-8	70899	5-5
57189	2-97	65441	2-51	70900	5-7, 6-7
57248	3-29	65580	3-55	70901	5-7, 6-7
57315	2-45	65581	3-39	70902	5-7, 6-7
57702	3-59	65695	2-65, 2-67	70903	5-7, 6-7
57804	2-43	66187	5-4, 6-4	70904	5-7, 6-7
57946	2-115	66194	5-5, 6-5	70905	5-7, 6-7
58311	2-49	66204	5-17, 6-17	70906	5-7, 6-7
58494	2-13	66205	5-8	70907	2-21, 5-7, 6-7
58566	2-21	66207	5-17, 6-17	70909	5-7
58592	2-123	67004	3-53, 3-55	70910	5-7
58819	2-5, 2-7, 2-51	67555	2-69	70911	2-21, 5-7, 6-7
58842	2-45	67767	2-35, 2-51	70912	5-7, 6-7
58979	2-93	67811	2-119	70913	5-7, 5-10, 6-7, 6-10
59009	2-49	68106	2-21	70915	5-8
		68866	2-51	70916	5-8
		68869	2-43	70917	5-8
		69173	2-125, 2-127	70919	5-8, 6-8
		69234	2-25, 2-27	70920	5-8, 6-8
		69582	2-49	70921	5-9
		69657	3-53, 3-55	70922	5-9
				70923	5-9, 6-9
				70924	5-9, 6-9
				70925	5-9, 6-9

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
70926	5-9	71727	2-125, 2-127	73498	5-12, 6-12
70927	5-9	71729	2-65, 2-67, 4-8	73499	5-12, 6-12
70928	5-9	71735	2-111	73500	5-12, 6-12
70929	5-10, 6-10	71741	2-111, 2-113	73501	5-12
70934	5-11, 6-11	71868	3-11	73502	5-12, 6-12
70935	5-11, 6-11	71869	3-11	73503	5-12
70936	5-12, 6-12	71874	3-11	73504	5-12, 6-12
70937	5-12, 6-12	71941	2-17	73505	5-12
70938	5-17	71985	5-3, 6-3	73506	5-12, 6-12
70939	5-17	71986	5-3, 6-3	73507	5-12, 6-12
70940	5-17	71987	5-3, 6-3	73508	5-12, 6-12
70941	5-17, 6-17	71988	5-3, 6-3	73509	5-15, 6-15
70942	5-17, 6-17	71989	5-3	73510	5-15
70943	5-17, 6-17	71990	5-3, 6-3	73511	5-15, 6-15
70944	5-17	71991	5-3, 6-3	73512	5-15, 6-15
70945	5-17, 6-17	71992	5-3, 6-3	73513	5-15, 6-15
70946	5-17, 6-17	71993	5-3, 6-3	73514	5-15, 6-15
70947	5-17, 6-17	71995	5-4, 5-13, 6-28	73515	5-15, 6-15
70948	5-17, 6-9	71996	5-5, 6-5	73516	5-15, 6-15
70949	5-17	71997	5-5, 6-5	73517	5-15, 6-15
70950	5-17	71999	5-5	73518	5-15, 6-15
70951	5-17	72010	5-5, 6-5	73519	5-15, 6-15
70952	5-17	72011	5-7	73520	5-17, 6-17
70953	5-17	72012	5-7	73521	5-17, 6-17
70954	5-17, 6-17	72013	5-7, 6-7	73522	5-17, 6-17
70955	5-17, 6-17	72014	5-7, 6-7	73523	5-17, 6-17
70956	5-19, 6-18	72015	5-7, 6-7	73524	5-17, 6-17
70957	5-19	72016	5-7, 6-7	73525	5-17, 6-17
70964	5-23	72017	5-7	73526	5-17, 6-17
70965	5-23, 6-20	72018	5-7, 5-29	73527	5-17, 6-17
70966	5-23, 6-20	72019	6-7	73528	5-17, 6-17
70967	5-23, 6-20	72897	2-53	73529	5-17, 6-17
70968	5-23, 6-20	72926	2-45	73530	5-17, 6-17
70972	5-25, 6-23	72968	3-39, 3-55	73532	5-17, 6-17
70973	5-25, 6-23	72970	2-15	73533	5-19, 6-18
70974	5-25, 6-23	72993	5-7, 6-7	73534	5-19
70975	5-13	72994	5-7, 5-11, 6-7	73535	5-19
70976	5-13	72995	5-7, 5-31	73545	5-21, 6-19
70977	5-13, 6-13	72996	5-8, 5-11, 5-31	73547	5-21, 6-19
70978	5-13, 6-13	72997	5-8	73551	5-21, 6-19
70979	5-13	72998	5-9, 6-9	73554	5-23, 6-20
70980	5-28	72999	5-9	73555	5-23, 6-20
70982	5-29, 6-27	73027	2-15	73560	5-23, 6-20
70983	5-29, 6-27	73260	3-3, 4-26	73561	5-25, 6-23
70984	5-29, 6-27	73281	2-45	73562	5-25, 6-23
70985	5-30	73342	4-3	73563	5-25, 6-23
70986	5-30	73411	2-51	73565	5-25, 6-23
70987	5-30	73433	3-3	73567	5-27, 6-25
70988	5-30	73468	3-3	73568	5-27, 6-25
70989	5-30, 6-28	73471	2-35, 2-41	73569	5-27, 6-25
70991	5-30, 6-28	73479	5-9, 6-9	73570	5-27, 6-25
70992	5-30, 6-28	73481	5-11, 6-11	73571	5-27, 6-25
70994	5-31, 6-29	73482	6-10	73572	5-27, 6-25
70998	5-3, 6-3	73483	5-10, 6-10	73573	5-27, 6-25
70999	6-3	73484	5-10, 6-10	73574	5-27, 6-25
71204	2-73	73487	5-11, 6-11	73575	5-27, 6-25
71340	2-45	73488	5-11, 6-11	73576	5-27, 6-25
71341	2-45	73489	6-11	73577	5-27, 6-25
71367	2-49	73491	5-12, 6-12	73578	5-27, 6-25
71369	2-69	73492	5-12, 6-12	73579	5-27, 6-25
71385	2-21	73493	5-12, 6-12	73580	5-27, 6-25
71388	2-21, 2-29, 2-31	73494	5-12, 6-12	73581	5-27, 6-25
71556	2-111, 2-113	73495	5-12	73582	5-27, 6-25
71607	2-81, 2-85	73496	5-12	73585	5-27, 6-25
71726	2-123	73497	5-12, 6-12	73586	5-27, 6-25

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
73588	5-27, 6-23, 6-25	74237	4-7	79828	4-5
73589	5-27, 6-23, 6-25	74243	4-25	80288	2-7
73590	5-27, 6-23, 6-25	74244	4-25	80395	2-75, 2-89, 2-95
73592	5-13	74245	4-25	80409	2-77
73593	5-13, 6-13	74250	4-8, 4-9	80950	2-77
73594	5-13, 6-13	74405	2-21, 5-21, 6-19	81784	2-81, 2-85
73595	5-13	74440	2-51	81952	2-77
73596	5-13, 6-13	74452	2-33	82727	2-7
73597	5-13, 6-13	74454	2-101	82739	2-59
73598	5-13, 6-13	74455	2-5, 2-35, 2-121	82832	2-45
73599	5-13, 6-13	75456-3	2-97	82839	3-13
73600	5-13, 6-13	75456-4	2-97	83874	1-1, 2-75
73601	5-13, 6-13	75968	2-15	83879	2-51
73602	5-13, 6-13	76099	2-71, 3-21, 3-25, 3-33,	84170	2-51
73603	5-13, 6-13		3-43	84597	1-1
73604	5-13, 6-13	761490	2-5, 3-13	84631	5-5
73605	5-28	762249	3-19	84635	5-25, 5-27, 6-23, 6-25
73606	5-28, 6-26	762514	2-43	84636	5-13, 6-13
73607	5-28	763042	2-55	84638	5-23, 6-20
73610	5-28, 6-26	763090	2-69	84644	5-25, 6-23
73618	5-29	763114	3-19	84647	5-3
73619	5-29, 6-27	763116	2-35, 2-57, 3-19, 3-25,	84648	5-27, 6-25
73620	5-29		3-33	84649	5-27, 6-25
73621	5-29, 6-27	76315	2-99	84650	5-27, 6-25
73622	5-29, 6-27	76316	2-125, 3-17	84651	5-27, 6-23, 6-25
73623	5-29, 6-27	76426	2-93	84660	3-63
73624	5-29, 6-27	76570	2-21, 2-29, 2-31, 2-89,	86508	3-3
73625	5-29, 6-27		2-95	86636	2-93
73626	5-29, 6-27	76955	2-31	86659	2-47
73627	5-30	76957	2-29	86751	2-49
73628	5-30	769785	3-57	86759	3-7
73629	5-30	77003	4-11, 4-19, 4-21, 4-23	86866	2-69
73630	5-30	77005	4-11, 4-13, 4-15, 4-17,	87536	2-11
73631	5-30, 6-28		4-19, 4-21, 4-23	87631	2-65, 2-67
73632	5-31, 6-29	77006	4-19	87738	2-25
73633	5-31, 6-29	77097	2-61, 2-63, 2-73, 2-81,	87816	2-81, 2-85
73634	5-31, 6-29		2-85, 2-125, 2-127,	87866	1-1, 2-11
73636	5-31		3-11	9000355	2-23
73736	2-11	77098	2-69, 2-99, 2-101, 3-11	9000846	3-49
73737	2-31	77345	2-45	9000879	3-49
74077	2-19	78043	2-25	9001310	3-57
74090	2-89, 2-95	78398	3-3, 4-3	9001314	3-51
74094	4-8, 4-9	78829	4-3	9001321	3-47
74095	4-8	78830	4-3	9001327	3-49
74098	4-8, 4-11, 4-19, 4-21,	78833	4-3	9001334	3-53, 3-55
	4-23	78836	4-3	9001338	3-59
74099	4-8	78838	4-3	9002382	2-7
74100	4-8, 4-9	78839	4-3	9002383	2-7
74122	4-5	78840	4-3	9002396	2-23
74123	4-5	78841	4-3	9002398	2-123
74125	4-5	78842	4-3	9002399	2-5
74165	4-5	78843	4-3	9002400	2-5
74166	4-5	78875	4-26	9002401	2-5
74167	4-5	78950	4-27	9002410	2-7
74168	4-5	78951	4-27	9002411	2-33
74180	4-7	78952	4-27	9002412	2-35
74183	4-25	79273-1	3-23, 3-25	9002435	2-11
74185	4-25	79273-2	2-91	9002683	2-101
74193	4-25	79380	2-97	9002684	2-97
74196	4-25	79381	2-33, 2-35, 2-41	9002708	4-3
74222	4-25	79399	2-21	9002709	4-3
74225	4-7	79484	3-3	9003009	4-32
74226	4-7	79497	3-3	9003070	2-87
74232	4-25	79506	2-89, 2-95	9003071	2-87
74233	2-97, 4-10	79729	4-5	9003130	1-1

Part Number	Page Number	Part Number	Page Number
9003313	2-93	9004432	6-7
9003444	2-57	9004433	6-10
9003449	2-93	9004435	6-4
9003453	2-11	9004436	6-9
9003455	2-97	9004437	6-9
9003461	2-97	9004438	6-9
9003611	2-23	9004439	6-9
9003774	2-55	9004440	6-15
9003793	2-89	9004441	6-17
9003794	2-95	9004442	6-18
9003868	6-8	9004443	6-18
9003869	6-8	9004444	6-18
9003870	6-8	9004445	6-13
9003888	6-4	9004446	6-26
9003891	6-18	9004447	6-26
9003893	2-93	9004448	6-28
9003939	2-23	9004449	6-27
9004117	2-87	9004450	6-20
9004283	6-28	9004451	6-20
9004335	6-3	9004454	6-23
9004337	6-3	9004475	4-21, 4-23
9004338	6-4	9004493	2-75
9004339	6-4	9004566	3-63
9004340	6-5	9004567	3-63
9004341	6-5	9004775	6-28
9004346	6-7	9004881	2-11
9004347	6-7	9005165	2-87
9004348	6-4	9005795	2-21
9004349	6-9	9006001	5-4
9004350	6-9	9006060	1-1
9004358	6-15	9006257	3-63
9004361	6-17	9006334	2-5, 2-59, 3-13
9004363	6-17	9006386	2-67
9004368	6-13	9006398	2-65, 2-67
9004369	6-13	9006815	2-37
9004371	6-13	9007131	3-47
9004372	6-13	9007142	2-119
9004373	6-13	9007513	2-5
9004374	6-26	9007882	3-37, 4-29
9004375	6-26	9007883	4-29
9004376	6-23	9007912	2-11
9004379	6-28	9007913	2-11
9004381	6-28	9008248	2-45
9004382	6-28	9008757	4-32
9004385	6-27	9008848	4-32
9004386	6-27	9008868	3-29, 4-32
9004389	6-20	9010086	3-61
9004390	6-20	9010849	2-69
9004393	6-20	9011343	4-17, 4-23
9004395	6-21	9011345	4-17, 4-23
9004396	6-21	9011346	4-17, 4-23
9004397	6-21	9011347	4-17, 4-23
9004398	6-21	9011427	3-63
9004399	6-21	9012585	4-31
9004400	6-21	9012587	4-31
9004401	6-21	9012589	4-31
9004402	6-8	9012590	4-31
9004403	6-8	9012591	4-31
9004404	6-8	9012592	4-31
9004405	6-8	9012593	4-31
9004406	6-8, 6-11	9012594	4-31
9004407	6-8	9012595	4-31
9004409	6-12	9012832	2-65, 2-67
9004410	6-12	9014281	3-39
9004431	6-3	99321	1-1

PART DESCRIPTION TO PAGE NUMBER CROSS REFERENCE LIST

A

Ace, Thrust, Motor, Hyd [En], 4-9
 Actuator, Govnr, Dsl, 2-21
 Actuator, Valve, By-Pass [En], 4-7
 Adapter, Actuator, Govnr, Eng, Dsl, 2-21
 Adapter, Rod-End, Side Brush, 3-11
 Alarm Assy, Backup, 12/48Vdc, 3-47
 Alarm Kit, Backup, Ci [M20 And T20], 3-47
 Alarm, 9-48vdc, 95 Db(A) [Ec-H20], 3-37
 Alarm, Warning [Sonalert, St628], 2-43
 Alternator, 12vdc, 075a [Valeo], 2-29, 2-31
 Angle, Brace, Shrd, 2-19
 Angle, Lh, 2-73
 Angle, mtg, Antenna, Telem, 3-61
 Angle, Mtg, Stil, .12 1.6 1.6 02.2l, 2-121
 Angle, Mtg, Valve, 3-13
 Angle, Retainer, 2-55
 Angle, Rh, 2-73
 Angle, Sppt, Fan, 2-97, 2-99
 Angle, Sppt, Tank, Rear, 2-87
 Antenna, Telem, 70 In [Gprs], 3-61
 Arm [Positioning], 2-51
 Arm Wldt, Alternator, Dsl, 2-29, 2-31
 Arm Wldt, Lift, Sqge, Lh, 2-85
 Arm Wldt, Safety, Sppt, Seat, .38d 06.5d, 2-13
 Arm Wldt, Safety, Sppt, Seat, .38d 10.1l, 2-93
 Arm Wldt, Sqge, Lift, Rh, 2-81
 Arm, Alternator, Dsl, 2-29
 Arm, Cntrl, Pintle, Centering, 2-51
 Arm, Lever, Brake, 4.1 [Knott], 2-47
 Arm, Link, 3-11
 Arm, Pinch, 2-89, 2-95
 Arm, Pintle, 2-51
 Arm, Rocker [Ku], 6-12
 Arm, Sqge, Side, Lh, 2-85
 Arm, Sqge, Side, Rh, 2-81
 Armature, Motor [Ku], 6-19
 Armrest, 4-31
 Armrest, Rh, 2-13
 Assembly Apparatus, Idle, 5-28
 Assembly Bolt, Adjusting, 5-28
 Assembly Camshaft, 5-15
 Assembly Case, Main Bearing, 5-9
 Assembly Case, Main Bearing 1, 5-9
 Assembly Case, Main Bearing 2, 5-9
 Assembly Case, Main Bearing 3, 5-9
 Assembly Cock, Drain, 5-3
 Assembly Connecting Rod, 5-17
 Assembly Lever, Fork, 5-30
 Assembly Pipe, Over Flow, 5-23
 Assembly Piston Ring, 5-17
 Assembly Piston Ring 05, 5-17
 Assembly Plate, Control, 5-29
 Assembly Pump, Injection, 5-27
 Assembly Pump, Injection (See Injection Pump Breakdown), 5-25
 Assembly Pump, Water, 5-8
 Assembly Rocker Arm, 5-12
 Assembly Rotor, Oil Pump, 5-7
 Assembly Seal, Mechanical, 5-8
 Assembly Shaft, Governor, 5-13
 Assembly Shaft, R-arm, 5-12
 Assembly Tappet, 5-27

Assy Armature, 5-21
 Assy Bolt, 5-21
 Assy Holder, Brush, 5-21
 Assy Starter, 5-21
 Assy Switch, Magneto, 5-21
 Assy Yoke, 5-21

B

Bag, Power, 3-55
 Ball, 5-7, 5-17, 5-21
 Ball, Cshft [Ku], 6-17
 Ball, Relief, Oil [Ku], 6-7
 Band, Pipe, 5-23
 Bar Wldt, Retainer, Sqge, Rear, 2-75
 Bar, Flat, Ss, .06 X .50 X 10.0l 2/19sl, 2-11
 Bar, Flat, Stil 0.19, 01.50 X 04.1l, 2-45
 Bar, Flat, Stil 0.38, 01.00 X 03.3l, 2-25
 Bar, Isolator, Vacfan [M20 2007], 2-101
 Bar, Isolator, Vacfan [M20], 2-101
 Bar, Mtg, Hpr, 2-55
 Bar, Mtg, Hpr Cover, 2-57
 Bar, Retainer, 3-7
 Bar, Rnd, Plstc, 0.31d 12.5l, 2-87
 Base, Fltr, Oil [Ku], 2-21
 Battery, Wet, 12Vdc 0600Cca, 1-1, 2-43
 Bearing, 5-21, 6-19
 Bearing [Ku], 6-8
 Bearing Kit [CI], 4-25
 Bearing, Ball, 5-8, 5-13, 5-30
 Bearing, Ball [Ku], 6-13, 6-28
 Bearing, Ball, 0.79b 1.85d 0.55w, 2-29
 Bearing, Ball, 0.98b 2.05d 0.59w, 2-65, 2-67
 Bearing, Ball, 1.18b 2.44d 0.63w, 2-47
 Bearing, Case [Ku], 6-9
 Bearing, Cone, 1.38b 0.71w, 2-45
 Bearing, Cone, Pump, Hyd, 4-7
 Bearing, Cshft [Ku], 6-17
 Bearing, Cshft, -.2mm [Ku], 6-17
 Bearing, Cshft, Std [Ku], 6-9, 6-17
 Bearing, Cup, 4-7
 Bearing, Cup, 2.56d 0.55w, 2-45
 Bearing, Flng, 2-Hole, 0.50b, 2-15
 Bearing, Flng, 2hole, 0.50b [Nyl], 2-15
 Bearing, Pillowblock, 1.02b [Solid Pye], 2-49
 Bearing, Rod, Connecting [-.2mm, Ku], 6-17
 Bearing, Rod, Connecting [-.4mm, Ku], 6-17
 Bearing, Rod, Connecting, Std [Ku], 6-17
 Bearing, Self Align, 0.75b 1.25d, 2-69
 Bearing, Self Align, 1.25b 2.00d, 2-53
 Bearing, Split, 1.00b, 2-49
 Bearing, Thrust, 4-9
 Bearing, Thrust [-.4mm, Ku], 6-17
 Bearing, Thrust [Ku], 6-17
 Bearing, Thrust, 0.53b 1.00d 0.03w, 3-11
 Bearing, Thrust, Pump, Hyd, 4-7
 Bearing, Thrust, Std [Ku], 6-17
 Bellcrank, Lift, Sqge, 2-73
 Bellows, Seat, 4-31
 Belt Kit, W/ Installation Tool, 6-28

Belt, v, 37.0L [3V], 2-29
 Belt, V, 37.5l [3v], 1-1, 2-29
 Belt, V, 42.0l [Hc41], 1-1, 2-31
 Blade, Sqge, .38 3.55w 038.3l, Linatex, 2-79, 2-83
 Blade, Sqge, .38 3.55w 038.3l, Ure, 1-1
 Blade, Sqge, .38 3.55w 038.3l, Ure (Option), 2-79, 2-83
 Blade, Sqge, 37.08l Linatex, 1-1
 Blade, Sqge, Front [Linard], 1-1
 Blade, Sqge, Front, 49.58l [Linard], 2-75
 Blade, Sqge, Front, 49.58l Ure (Option), 2-75
 Blade, Sqge, Front, 49.59l Pyu, 1-1
 Blade, Sqge, Rear, 53.78l Pyu, 1-1
 Blade, Sqge, Rear, 53.78l Ure (Option), 2-75
 Blade, Sqge, Rear, Linatex, 1-1, 2-75
 Blade, Sqge, Side Brush, Linatex, 1-1, 3-9
 Blade, Sqge, Side Brush, Urethane, 1-1, 3-9
 Block, Centering, 2-73
 Block, Guide, Hpr, 2-5
 Bolt, 5-4, 5-5, 5-7, 5-8, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-25, 5-28, 5-29, 5-30, 6-7, 6-9, 6-11, 6-12, 6-19, 6-29
 Bolt [Ku], 6-4, 6-8, 6-11, 6-18, 6-23, 6-27, 6-29
 Bolt, Adjusting, 5-28
 Bolt, Adjustment Assy [Ku], 6-26
 Bolt, Bearing Case 1, 5-9
 Bolt, Carriage, M06 X 1.0 X 30, 2-61, 2-63
 Bolt, Carriage, M06 X 1.00 X 40, 4.6, 3-37
 Bolt, Carriage, M10 X 1.5 X 70, 2-77
 Bolt, Connecting Rod, 5-17
 Bolt, Cylinder Head, 5-5
 Bolt, Eye, .25-20 X 1.40 X .25 Eye, 2-51
 Bolt, Eye, M08 X 1.25 X 070mm, 05.50 Eye, 2-81, 2-85
 Bolt, Eye, M10 X 1.50 X 064mm, 07.10 Eye, 2-73
 Bolt, Eye, M8X1.25, 2.75L, 2-51
 Bolt, Flng, 6-8
 Bolt, Flywheel, 5-19
 Bolt, Hex [Ku], 5-31, 6-13, 6-15, 6-23, 6-27, 6-29
 Bolt, Motor, Hyd, 4-5
 Bolt, Shld, .31d X 1.00, .25-20, 2-51
 Bolt, Shld, 1.37d X 5.13l, 1.1-18 Drilled, 2-45
 Bolt, Bearing Case 2, 5-9
 Boot, .63id .29l .90w, 2-11
 Boot, 90deg .50id 1.00id 2.50l, Red, 2-29, 2-31
 Boot, Bellows, 3.1l 4.4w 2.8h 1hole, Neo, 2-15
 Boot, Circuitbreaker, 3-37
 Boot, Switch, Ignition, 2-11
 Bracket Wldt, Brush Wrap Mtg, Rh, 2-69
 Bracket Wldt, Brush Wrap, Lh, 2-69
 Bracket Wldt, Cooler, Hyd Fluid, 2-121
 Bracket Wldt, Flap, Recirculation, 2-71
 Bracket Wldt, Guard, Sqge, 3-59
 Bracket Wldt, Latch, 2-17
 Bracket Wldt, Mtg [FaST Gen 2+], 3-29

Bracket Wldt, Mtg [FaST], 3-21
 Bracket Wldt, Mtg, Alternator, Dsl, 2-29, 2-31
 Bracket Wldt, Mtg, Caster, 2-77
 Bracket Wldt, Mtg, Eng, Front, Dsl, 2-21
 Bracket Wldt, Mtg, Eng, Rear, Dsl, 2-21
 Bracket Wldt, Mtg, Side Brush, 3-7
 Bracket Wldt, Mtg, Side Brush Fixed, 3-9
 Bracket Wldt, Mtg, Sqge, 2-77
 Bracket Wldt, Mtg, Tank, 2-7
 Bracket Wldt, Panl, Mtg, 2-7
 Bracket Wldt, Pivot, Hppr Door, Lh, 2-61, 2-63
 Bracket Wldt, Pivot, Hppr, Rh, 2-63
 Bracket Wldt, Propel, Pintle, 2-51
 Bracket Wldt, Steering, Tilt, 2-15
 Bracket Wldt, Tank, Soltn, Rh, 2-87
 Bracket Wldt, Tilt, Rh, 2-15
 Bracket, Clamp, Hose, 2-29, 2-41
 Bracket, Cover, 2-37, 2-39, 2-61, 2-63
 Bracket, Cover, Hopper, 2-63
 Bracket, Cover, Hppr, 2-57
 Bracket, Ftg, Bh, 2-35
 Bracket, Guide, Shrd, 2-19
 Bracket, Keeper, Latch, 2-87
 Bracket, Latch, Cover, 2-19, 2-87
 Bracket, Latch, Keeper [Southco], 2-19
 Bracket, Latch, Shrd, Seat, 2-13
 Bracket, Lip, Hppr, 2-61, 2-63
 Bracket, Mtg [FaST Gen 2+], 3-29
 Bracket, Mtg [FaST], 3-21
 Bracket, Mtg, Air Fltr, Dsl, 2-27
 Bracket, Mtg, Cable, 2-49
 Bracket, Mtg, Coolant, Tank, Dsl [2010], 2-25
 Bracket, Mtg, Cover, Recvy Tank, 2-93
 Bracket, Mtg, Cyl, 2-81, 2-85
 Bracket, Mtg, Detgt And Spray Wand, 3-5
 Bracket, Mtg, Ecu [M20/T20 2007], 2-25
 Bracket, Mtg, Fan, 2-97
 Bracket, Mtg, Fan, Shrd, Lower, Dsl, 2-39
 Bracket, Mtg, Fan, Shrd, Upper, Dsl, 2-39
 Bracket, Mtg, Fltr, Oil, Remote, 2-21
 Bracket, Mtg, Govnr Control, Dsl, 2-25
 Bracket, Mtg, Latch, Dsl, 2-35
 Bracket, Mtg, Latch, Tank Cover, 2-87
 Bracket, Mtg, Lift, Scb Head, 2-69
 Bracket, Mtg, Mirror, Rearview, 3-51
 Bracket, Mtg, Motor, 2-97, 2-101
 Bracket, Mtg, Prop Rod, 2-93
 Bracket, Mtg, Radiator, 2-37, 2-39
 Bracket, Mtg, Rocker Arm [Ku], 6-12
 Bracket, Mtg, Scb Head, Lh, 2-69
 Bracket, Mtg, Scb Head, Rh, 2-69
 Bracket, Mtg, Sensor, 2-51
 Bracket, Mtg, Sheave, Dsl, 2-29
 Bracket, Mtg, Skirt, 2-71
 Bracket, Mtg, Skirt, Brush Door, 2-79, 2-83
 Bracket, Mtg, Skirt, Door, 2-79, 2-83
 Bracket, Mtg, Skirt, Door, Brush, 2-79, 2-83
 Bracket, Mtg, Sppt, 2-45
 Bracket, Mtg, Spray Handle, 3-57
 Bracket, Mtg, Spray Wand [FaST, Conv], 3-57
 Bracket, Mtg, Spring, 2-69
 Bracket, Mtg, Sqge, 3-7
 Bracket, Mtg, Strainer, 3-5
 Bracket, Mtg, Switch, 2-59

Bracket, Mtg, Vacuum Wand, 3-53
 Bracket, Mtg, Valve, 2-91, 3-3
 Bracket, Mtg, Valve [Combined], 2-127
 Bracket, Mtg, Valve, Hyd, Scb, 2-125
 Bracket, Mtg, Valve, Hyd, Swp, 2-125
 Bracket, Mtg, Valve, Lower, 2-127
 Bracket, Muffler, Hanger, Front, 2-33
 Bracket, Pivot, Hppr Door, Rh, 2-61
 Bracket, Propel, Dsl, 2-51
 Bracket, Protector, Float Switch, 2-93
 Bracket, Retainer, Lh, 2-65
 Bracket, Retainer, Pump, 3-29
 Bracket, Retainer, Rh, 2-67
 Bracket, Retainer, Safety, 2-51
 Bracket, Retainer, Shield, Heat, 2-33
 Bracket, Retainer, Spring, 2-3
 Bracket, Retaining, Hose, 2-89, 2-95
 Bracket, Rocker Arm, 5-12
 Bracket, Seat, Adj, 2-13
 Bracket, Shield, Heat, 2-19
 Bracket, Shrd, Fan, Lh, 2-37
 Bracket, Shrd, Fan, Rh, 2-37
 Bracket, Shrd, Fan, Upper, Dsl, 2-37
 Bracket, Shrd, Fan, Upper, Lh, 2-37
 Bracket, Shrd, Radiator, Dsl, Ce, 2-39
 Bracket, Soltn, Tank, Cntr, 2-87
 Bracket, Spacer, Controlbox, 3-61
 Bracket, Sppt, 2-37, 2-39, 2-65, 2-67
 Bracket, Sppt, Alternator, Dsl, 2-29, 2-31
 Bracket, Sppt, Cover, Tank, Recvy, 2-93
 Bracket, Sppt, Radiator, Upper, 2-35
 Bracket, Sppt, Strobe Light, 3-47, 3-49
 Bracket, Sppt, Tank, Lh, 2-93
 Bracket, Sppt, Tank, Rh, 2-93
 Bracket, Tank, Soltn, Lh, 2-87
 Bracket, Valve, Sba [M20 And T20], 3-15
 Brake Assy, Drum, Mech, 07.0d 1.2w, 2-47
 Brush Assy, Disk, Scg, 16.0 D, Heavy Duty Polypropylene, 2-3
 Brush Assy, Disk, Scg, 16.0 D, Soft Nylon, 2-3
 Brush Assy, Disk, Scg, 16.0 D, Super Abrasive, 2-3
 Brush Assy, Disk, Swp, 24.0d, Polypropylene, 2-3
 Brush, Swp / Scb, 40L, Heavy Duty Polypropylene, 2-2
 Brush, Swp / Scb, 40L, Polyester, 2-2
 Brush, Swp / Scb, 40L, Polypropylene, 2-2
 Brush, Swp / Scb, 40L, Super Abrasive, 2-2
 Brush, Swp / Scb, 40L, Wndw, Polypropylene, 2-2
 Brush, Swp / Scb, 40L, Wndw, Super Abrasive, 2-2
 Brushholder, 6-19
 Bumper Wldt, Brush, Side, 3-7, 3-9
 Bumper, Rbr, 0.5d 0.16t M5 X 08, 2-51
 Bumper, Rbr, 0.6d 0.34t .3d Tip, 2-121
 Bumper, Sqge, 2-75
 Bumper, Ure, 1.50d 1.25l, 3-59
 Bush, Governor Gear, 5-3
 Bush, Idle Gear, 5-15
 Bush, Piston Pin, 5-17
 Bushing, Eccentric, Adj, 2-89, 2-95
 Bushing, Flng, 0.32b 0.50d 0.24l, Bnz, 2-77

Bushing, Flng, 0.50b 0.59d 0.38l, 2-89, 2-95
 Bushing, Flng, 0.63b 0.75d 0.38l, 2-77, 2-79, 2-83
 Bushing, Flng, 1.00b 1.13d 0.50l, 2-63, 2-73
 Bushing, Gear, Gov [Ku], 6-3
 Bushing, Gear, Idler [Ku], 6-15
 Bushing, Pin, Piston [Ku]16241-21351, 6-17
 Bushing, Pivot, Door, 2-61
 Bushing, Sleeve, 0.37b 0.50d 0.50l, Oib, 2-49
 Bushing, Sleeve, 0.50b 0.59d 0.50l, Bnz, 3-11
 Bushing, Sleeve, 0.62b 0.72d 0.50l, Fgl, 2-77
 Bushing, Sleeve, 0.63b 0.72d 0.38l, 2-81, 2-85
 Bushing, Sleeve, 0.75b 0.88d 0.25l, 2-89, 2-95
 Bushing, Sleeve, 0.75b 0.88d 0.75l, Tef, 2-61
 Bushing, Sleeve, 0.78b 0.86d 0.93l, Bnz, 2-47
 Bushing, Sleeve, 0.88b 1.00d 0.75l, Bnz, 2-53
 Bushing, Sleeve, 1.00b 1.13d 1.50l, Fgl, 3-11
 Button, Cntrl, Horn, 2-15
 Bypass Valve Kit, Pump, Repair,, 4-27

C

Cable, 06ga 16.0l Red .38ring /.38ring, 2-29, 2-31
 Cable, Battery, 02ga 48.0l Red .41ring, 2-43
 Cable, Battery, 02ga 60.0l Blk .41ring, 2-43
 Cable, Glv .06d 012.0l .26eye /.26eye, 3-59
 Cable, Glv .09d 016.5l .38eye /.38eye, 2-17
 Cable, Glv .13d 015.8l .50eye /.50eye, 2-81, 2-85
 Cable, Push / Pull, 063.0l 4.0, .31-24, 2-49
 Cable, Push / Pull, 098.0l .25-28/.25-28, 2-51
 Cam, 2-75
 Cam, Centering, Pintle, 2-51
 Cam, Front, 3-9
 Cam, Fuel, 5-13
 Cam, Plt, Brake [Nickel], 2-47
 Cam, Rear, 2-75
 Camshaft, 6-13
 Camshaft, Fuel, 5-13
 Cap, 5-28
 Cap Assy, Tank, Drain, 2-93, 4-3
 Cap Screw, 4-8
 Cap Screw Cl, 4-9
 Cap, Arm, Lift, 2-59
 Cap, Breather, Hyd, 2-123
 Cap, End, Valve, Steering, 4-25
 Cap, Filler, Oil [Ku], 6-7, 6-10
 Cap, Fuel, Tank, 2-23
 Cap, Hub, Dust 2.57d 0.77l, 2-47

CROSS REFERENCE

Cap, Radiator, 14Psi [Stant], 2-37, 2-39
 Cap, Radiator, 15psi, 2-35
 Cap, Screw, Idler [Ku], 6-26
 Cap, Sealing, 5-3, 5-5, 6-5
 Cap, Tank, 3-5
 Cap, Tank, Fuel, 2.3neck 2.6d, 2-23
 Cap, Valve, 5-12
 Cap, Valve [Ku], 6-12
 Capacitor, Plug [4700uf, 25v], 3-46
 Cartridge, Psi Cntrl, Valve, Hyd, 4-13, 4-15, 4-19, 4-21
 Case, Main, Brg Assy, 6-9
 Caster, Pivot, 2-77
 Catch, Latch, Tank Cover, 2-87
 Chain, Str, 4/0, 08 Link, 2-73
 Channel Wldt, Pivot, 3-11
 Channel, Shield, Muffler [M20/T20 2007], 2-33
 Channel, Upper, Tower, Lift, 2-5
 Chech Valve Kit, Pump, Repair,, 4-27
 Cir-clip, External, 5-12, 5-30
 Cir-clip, Governor Shaft, 5-13
 Cir-clip, Idle Gear, 5-15
 Cir-clip, Piston Pin, 5-17
 Circuitbreaker, 02.0a, Resetable, 3-37
 Circuitbreaker, 2.0a, Resetable, 3-37
 Clamp [Kubota], 6-8
 Clamp Wldt, Front, 2-75
 Clamp Wldt, Rear, 2-75
 Clamp, Cable, Nyl, 0.62D, Nat, 3-61
 Clamp, Cable, Ss, 0.50d X 0.50w [Insul], 4-29
 Clamp, Cable, Ss, 1.12d X 0.38w, 1h, 2-91
 Clamp, Cable, Ss, 2.50d X 1.00w, 1h, 2-7
 Clamp, Cable, Ss, 2.50d X 1.00w, 1hole, 2-99
 Clamp, Cable, Stl, 0.25D X 0.56W, 1Hole, 3-49
 Clamp, Cable, Stl, 0.44d X 0.62w, 1h, 2-121
 Clamp, Cable, Stl, 0.69d X 0.62w, 1h, 2-35, 2-51
 Clamp, Cable, Stl, 1.00d X 0.75w, 1h, 2-25, 2-27
 Clamp, Cable, Stl, 1.50d X 1.00w, 1h, 2-7, 2-35, 2-43, 2-121, 3-21
 Clamp, Cable, Stl, 1.50d X 1.00w, 1hole, 2-5, 2-41
 Clamp, Hose, 5-10, 6-10
 Clamp, Hose, Heater [Ku], 5-31, 6-29
 Clamp, Hose, Plstc .351-.394 Id, 3-21
 Clamp, Hose, Wir, .52 - .56, Yel, 4-29
 Clamp, Hose, Wir, .63 - .66, Blk, 4-29
 Clamp, Hose, Wormdrive, 0.25-0.62d, .31w, 2-35, 2-41, 3-3, 3-5, 3-29, 3-39
 Clamp, Hose, Wormdrive, 0.31-0.88d, .31w, 2-23, 2-25, 2-43, 3-13, 3-19, 3-23, 3-25, 3-29, 3-31, 3-33, 3-39, 3-41, 3-43
 Clamp, Hose, Wormdrive, 0.56-1.06d, .56w, 2-21, 2-91, 3-3, 3-5, 3-13, 3-23, 3-25, 3-31, 3-33, 3-41, 3-43, 3-57
 Clamp, Hose, Wormdrive, 0.81-1.50d, .50w, 2-35, 2-41
 Clamp, Hose, Wormdrive, 1.25-2.00D, .50W, 2-33, 2-35, 2-41
 Clamp, Hose, Wormdrive, 1.81-2.75d, .50w, 2-27

Clamp, Hose, Wormdrive, 2.50-3.50d, .50w, 2-75, 2-89, 2-95
 Clamp, Hose, Wormdrive, 3.56-4.50D, .50W, 2-89, 2-95, 2-97, 2-101
 Clamp, Hose, Wormdrive, 3.75-4.62d, .62w, 2-97
 Clamp, Hyd, 0.50d, 2-65, 2-67
 Clamp, Mtg, Fltr, Air, 2-27
 Clamp, Muffler, 1.62d, 2-33
 Clamp, Pipe, 6-20
 Clamp, Pipe 1, 5-23
 Clamp, Pipe 2, 5-23
 Clamp, Tube, Inj, Pipe #1 [Ku], 6-20
 Clevis, Adj, 0.25 Pin, 0.25-28 Rh, Pl, 2-49
 Clevis, Adj, 0.25pin, 0.25-28left Pl, 2-49
 Clevis, Adj, 0.31pin, 0.31-24, 2-49
 Clip, .250h, Plstc [Pine-Tree], 2-19
 Clip, Grip, Finger, .875-1.25, 3-57
 Clip, Grip, Finger, 0.88-1.25d, 3-37
 Clip, Grip, Finger, 1.00-1.88d White,Vyl, 3-53, 3-55
 Clip, Keeper, Open, 2-37, 2-39
 Clutch, 6-19
 Clutch, Over Running, 5-21
 Collar 1, 5-30
 Collar, Crank, Front [Ku], 6-17
 Collar, Crankshaft, 5-17
 Collar, Gear [Ku], 6-15
 Collar, Govnr [Ku], 6-28
 Collar, Idle Gear 1, 5-15
 Collar, Idle Gear 2, 5-15
 Collet, Valve Spring, 5-12
 Column, Pump, Water, 4-3
 Column, Steering, 09.9L 0.86D 36Tooth, 2-15
 Comp Idle Gear 1, 5-15
 Comp. Case, Gear, 5-7
 Comp. Crankshaft, 5-17
 Comp. Flywheel, 5-19
 Comp. Lever, Fork 1, 5-30
 Comp. Lever, Governor, 5-29
 Comp. Oil Pan (Rear Sump), 5-4
 Comp. Weight, Governor, 5-13
 Complete Pump Kit, Pump, Repair,, 4-27
 Connector, Fem, 02cav, Mp280 Sealed, 4-27
 Contact Kit, W/ Brush [En], 2-15
 Control Box Assy Kit, Replmt, Telem [Intl], 3-61
 Control, Fuel, 6-25
 Control, Govnr [All Purpose], 2-25
 Controller Kit, Replmt [Ec-H20], 4-29
 Converter, Ele, 12-36 Vdc, 3-37
 Cooler, Hyd, 25gpm 325btu Of12 13x12x2, 2-121
 Cord, Ele, Glowplug, 6-20
 Cord, Glow Plug, 5-23
 Coupler, Pump, 4-7
 Coupling, Drive, Flex, 09.5d / 13tooth, 2-21
 Coupling, Nozzle, Spray, 3-57
 Cover, 5-7, 5-21, 5-28, 6-7, 6-19
 Cover Assy, Head, Cyl, 5-10
 Cover Kit, Switch, Float, Repair, 2-93
 Cover Kit, Tank, Soltn, Lh, Replmt, Ce, 2-87
 Cover Kit, Tank, Soltn, Rh, Replmt, Ce, 2-87
 Cover Wldt [FaST], 3-21

Cover Wldt, Power Supply, 3-37
 Cover, Backrest, 4-31
 Cover, Bearing Case, 5-9
 Cover, Breather, 5-10, 6-10
 Cover, Brg Case, Eng [Ku], 6-9
 Cover, Cushion, 4-31
 Cover, Cyl Head Assy [Ku], 6-10
 Cover, End, 4-7
 Cover, Fork Lever Shaft, 5-30
 Cover, Fuse, Block, 2-43
 Cover, Hole, Pump [Ku], 6-23
 Cover, Hole, Pump, Fuel [Ku], 6-23
 Cover, Hppr, 2-57
 Cover, Lever, Gov [Ku], 6-28
 Cover, Lower, 2-13, 2-19
 Cover, Oil Pump, 5-7
 Cover, Pump, Oil, 6-7
 Cover, Solenoid [Ku], 6-23
 Cover, Tank, 2-93
 Cover, Tank, Recvy, Trimmed, 2-93
 Cover, Tank, Soltn, Lh, Trimmed, Ce, 2-87
 Cover, Tank, Soltn, Rh, Trimmed, Ce, 2-87
 Cover, Trimmed, 3-37
 Crank Kit, Pump, F/79323, Replmt, 4-26
 Crankcase, Comp [Ku], 6-7
 Crankcase, Complt, 5-3
 Crankcase, Complt [Ku], 6-3
 Crankshaft, 6-17
 Crankshaft Assy, 6-15
 Crankshaft, Metal [Ku], 6-9
 Crossmember Wldt [M20], 2-77
 Cs, Bracket, Mtg, Switch, 2-49
 Cup Holder, Rwk, 2-11
 Cylinder, Hyd, 1.5b 07.8l 02.75strk 2500, 2-61, 2-63, 3-11
 Cylinder, Hyd, 1.5b 07.8l 02.80strk 2500, 2-69, 2-73, 2-81, 2-85, 3-11
 Cylinder, Hyd, 2.0B 24.1L 15.00Strk 3000, 2-53
 Cylinder, Hyd, 2.0b,15.2l,09.00strk,3000, 2-45

D

Detergent Pkg, 4 Liter, Sgl [Tco 665], 3-21
 Diaphragm Kit, Pump, Repair,, 4-27
 Diode, Ele, Plug, 2-43, 2-157
 Dipstick, Oil [Ku], 6-4
 Door Wldt, Brush, 2-65, 2-67
 Door Wldt, Brush, Idler, 2-65, 2-67
 Door Wldt, Brush, Lh, 2-85
 Door Wldt, Brush, Rh, 2-81
 Door Wldt, Hppr, 2-61, 2-63
 Drive, 4-8
 Drive [Cl], 4-9
 Drive, Motor, Hyd, 4-5

E

Ear, Lifting, Eng [Ku], 6-5
 ec-H2O Kit, Flush, Replmt[M20, M30&T20], 3-39
 Electrode, 5 Plate, High Flow, 4-29
 Electrode, Cylindrical, 4-29
 Element, Fltr, Air [Dn], 1-1, 2-27
 Element, Fltr, Air, Safety (Option), 2-27
 Element, Fltr, Fuel [Dn], 1-1, 2-25

Element, Fltr, Oil, Spin-On, 2-21
 Element, Fltr, Oil, Spin-On [Ku], 1-1
 End Cap, 4-8
 End Cap, Motor, Hyd [En], 4-9
 Engine Assy, Dsl, 37Hp [Ku V1505]
 (See Engine Breakdown), 2-21
 Engine Assy, Dsl, 37hp [Ku] (See Engine
 Breakdown), 2-21
 Eye, Joint [Ku], 6-23

F

Fan Kit, Scrub, Replmt [M20/T20], 2-97
 Fan Wldt, Vac, Inlet, 2-101
 Fan, Cooling, 14.1d, 6 Blade, 0.5b Taper,
 2-29, 2-31
 FaST 665 4 Ltr, Detergent, 3-29
 FaST Kit, Ci [inj Rebltd, M30/M20 III], 4-32
 Fast Kit, Ci, Injector Filters[Fast li+], 4-32
 FaST Kit, Injector [M20/T20/M30 FaST III]
 (See Breakdowns), 3-29
 Fast Kit, Injector [M20/T20/m30 Fast III],
 4-32
 Fast Kit, Seal, injector, Ci [Fast III], 4-32
 Filter Assy, Air, 2-27
 Filter Assy, Air, Mold, Ure, 3-21
 Filter Assy, Fuel, Dsl, 2-25
 Filter Assy, Hyd, 10mic, 1-1, 2-123
 Filter, Foam, Rbr, 1.20d, 1.0l, 3-23, 3-25
 Filter, In-Line, Pf06/Pf06 080mesh 02.6l,
 3-29, 3-39
 Filter, In-Line, Pf06/Pf06, 80 Mesh, 3-19
 Filter, Oil [Ku], 6-4
 Filter, Panl, Dust, 4.2 X 20.0 X 30.0, 1-1,
 2-57
 Filter, Screen, 50 Mesh .59d .8l Ss, 3-19
 Filter, Soltn, 020mesh, Pm12 3.2d 08.0l,
 3-5
 Filter, Soltn, 20mesh, Pm12 3.1d 02.6l,
 1-1, 2-87
 Fitting Assy, Orifice, 0.070b, Pf04/Pf04,
 3-19
 Fitting Assy, Orifice, 0.093b, Pf04/Pf04,
 3-19
 Fitting Assy, Qdc, Pf04, 3-39
 Fitting Kit, Hose, Garden, 3-3
 Fitting, Brs, Breather [02mp], 2-59
 Fitting, Brs, E45, Pf02/Pm02, 2-21
 Fitting, Brs, E90, Bm08/Pm04, 3-19
 Fitting, Brs, E90, Cf03/Pf02, 3-21
 Fitting, Brs, E90, Em05/Pm02, 2-25
 Fitting, Brs, E90, Em05/Pm04, 2-23
 Fitting, Brs, E90, Pm02/Bm03, 2-23, 2-59,
 3-5
 Fitting, Brs, Qdc, Bm12/Qf08, 3-3
 Fitting, Brs, Qdc, Pf08 [Parker Bh3f], 3-3
 Fitting, Brs, Snubber, Pm02/Pf02, 3-39
 Fitting, Brs, Str, Bm03/Pm02, 2-59
 Fitting, Brs, Str, Bm04/Pm02, 3-21
 Fitting, Brs, Str, Bm08/Pm04, 3-19
 Fitting, Brs, Str, lf05/Pm04, 2-25
 Fitting, Brs, Str, Pf02/Pm04, 3-19
 Fitting, Brs, Str, Pf02/Pm06, 3-39
 Fitting, Brs, Str, Pf04/Pm06, Bshg, 2-35,
 2-41
 Fitting, Brs, Str, Pf06/Pf06 Bh, 3-57
 Fitting, Brs, Str, Pf06/Pm12, 3-57

Fitting, Brs, Str, Pm02, Service, 2-27
 Fitting, Brs, Str, Pm04/Pm04, 3-19
 Fitting, Brs, Str, Pm08/Garden Hose, 3-57
 Fitting, Brs, Tee, Pf04/Pf04/Pf04, 3-19
 Fitting, Brs, Tee, Pm04/Pf04/Pf04, Run,
 3-29
 Fitting, Draincock [Ku], 6-3
 Fitting, Draincock, E90, .25npt, 2-35, 2-41
 Fitting, E, Gr, 4-3
 Fitting, Fltr, Oil [Ku], 6-7
 Fitting, Fuel [Ku], 6-20
 Fitting, Grease, Str Pm04 .47l, 2-53, 2-61,
 2-63, 2-69, 2-77
 Fitting, Grease, Str Pm04 .63l, 2-45
 Fitting, Hyd, Cap, Jf04, 2-121
 Fitting, Hyd, Cap, Jf08, 2-121, 3-15
 Fitting, Hyd, E45, Jf08/Jm08, 2-127
 Fitting, Hyd, E45, Jf10/Jm10, 2-109
 Fitting, Hyd, E45, Jm04/Om04, 3-15
 Fitting, Hyd, E45, Jm04/Om06, 2-45, 2-53
 Fitting, Hyd, E45, Jm06/Om04, 2-97
 Fitting, Hyd, E45, Jm06/Om06, 2-45, 2-125
 Fitting, Hyd, E45, Jm08/Om08, 2-97,
 2-125, 2-127, 3-15
 Fitting, Hyd, E45, Jm08/Om10, 2-99, 2-119
 Fitting, Hyd, E45, Jm10/Om12, 2-45
 Fitting, Hyd, E45, Jm12/Om16, 2-123
 Fitting, Hyd, E45, Jm20/Om20, 2-123
 Fitting, Hyd, E90, Jf04/Jm04, 2-67, 2-125,
 3-15
 Fitting, Hyd, E90, Jf06/Jm06, 3-15
 Fitting, Hyd, E90, Jf08/Jm08, 2-15, 2-121
 Fitting, Hyd, E90, Jm04/Om04, 2-61, 2-63,
 2-73, 2-81, 2-85, 2-125, 2-127, 3-11
 Fitting, Hyd, E90, Jm04/Om06, 2-53
 Fitting, Hyd, E90, Jm04/Pm02, 2-123
 Fitting, Hyd, E90, Jm06/Om04, 2-69, 2-99,
 2-101, 3-11
 Fitting, Hyd, E90, Jm06/Om06, 2-15,
 2-125, 2-127, 3-15
 Fitting, Hyd, E90, Jm06/Om06, L, 2-125
 Fitting, Hyd, E90, Jm06/Om06, Long,
 2-127
 Fitting, Hyd, E90, Jm06/Om08, 2-119
 Fitting, Hyd, E90, Jm08/Om08, 2-65, 2-67,
 2-101, 2-119, 2-125, 3-15
 Fitting, Hyd, E90, Jm08/Om08, L, 2-125
 Fitting, Hyd, E90, Jm08/Om08, Long,
 2-127
 Fitting, Hyd, E90, Jm08/Om10, 3-7, 3-9
 Fitting, Hyd, E90, Jm08/Om16 Metric, 2-21
 Fitting, Hyd, E90, Jm08/Pm08, 2-21
 Fitting, Hyd, E90, Jm10/Om12, 2-119
 Fitting, Hyd, E90, Jm12/Om12, 2-121
 Fitting, Hyd, E90, Jm12/Om12, L, 2-121
 Fitting, Hyd, E90, Om04/Qm04, 2-125,
 2-127, 3-15
 Fitting, Hyd, Plug, Jm08, 2-21
 Fitting, Hyd, Plug, Om04, 2-127, 4-11,
 4-19, 4-21, 4-23
 Fitting, Hyd, Plug, Om06, 2-123, 2-127
 Fitting, Hyd, Plug, Om08, 4-7, 4-19
 Fitting, Hyd, Plug, Om10, 2-123
 Fitting, Hyd, Rst, Jf04/Jm04, .028, 2-53
 Fitting, Hyd, Rst, Spcl, 2-81, 2-85
 Fitting, Hyd, Str, Jf04/Qm04, 2-125, 3-15
 Fitting, Hyd, Str, Jf06/Jm04, 2-121

Fitting, Hyd, Str, Jm04/Om04, 2-65, 2-67,
 2-125, 2-127, 3-15
 Fitting, Hyd, Str, Jm04/Om06, 3-15
 Fitting, Hyd, Str, Jm06/Om04, 2-101
 Fitting, Hyd, Str, Jm06/Om06, 2-15, 2-123,
 3-15, 3-17
 Fitting, Hyd, Str, Jm06/Om06, L, 2-15
 Fitting, Hyd, Str, Jm06/Om06, Long, 2-127
 Fitting, Hyd, Str, Jm08/Om06, 2-15
 Fitting, Hyd, Str, Jm08/Om08, 2-101,
 2-119, 2-123, 3-15
 Fitting, Hyd, Str, Jm08/Om10, 2-99, 3-7
 Fitting, Hyd, Str, Jm08/Pm08, 2-21
 Fitting, Hyd, Str, Jm10/Om10, 2-125
 Fitting, Hyd, Str, Jm10/Om10, Long, 2-127
 Fitting, Hyd, Str, Jm10/Om12, 2-45
 Fitting, Hyd, Str, Jm20/Om16, 2-119
 Fitting, Hyd, Str, Metric, Om10/lf05, 2-25
 Fitting, Hyd, Str, Om04/Qm04, 2-125, 3-15
 Fitting, Hyd, Str, Pf02/Pm04, 2-23, 2-25
 Fitting, Hyd, Str, Pm02/Pm02, 2-25
 Fitting, Hyd, Str, Spcl, 2-21
 Fitting, Hyd, Tee, Jf06/Jm06/Jm06, Run,
 2-101
 Fitting, Hyd, Tee, Jf08/Jm08/Jm08, Br,
 2-99
 Fitting, Hyd, Tee, Jm06/Jm06/Om06, Run,
 2-125, 3-17
 Fitting, Hyd, Tee, Jm08/Jm08/Om08, Br,
 2-97, 2-125, 2-127
 Fitting, Nyl, Qdc, E90, Bm08/ Qm10, 3-29,
 3-39
 Fitting, NylY, Qdc, E90, Bm06/ Qm10, 3-29
 Fitting, Pipe, E90, Pf02/Pm02, 2-27, 3-21
 Fitting, Pipe, Plug [Ku], 5-31, 6-3, 6-5, 6-7,
 6-29
 Fitting, Pipe, Plug, Pm02, Sq Head, 2-23
 Fitting, Pipe, Plug, Pm08, Sq Head, 2-91
 Fitting, Pipe, Water [Ku], 5-8, 5-31, 6-8
 Fitting, Plstc, Body, Spray, Pf04, 3-19
 Fitting, Plstc, Cap, Pf12 Hex, 2-91
 Fitting, Plstc, Cap, Spray, Pf04, 3-19
 Fitting, Plstc, E90, Bm05/Bm05, Nyl, 3-39
 Fitting, Plstc, E90, Bm06/Bm06, 3-5, 4-29
 Fitting, Plstc, E90, Bm06/Pm04, Nyl, 3-29
 Fitting, Plstc, E90, Bm06/Pm12, Nyl, 3-3
 Fitting, Plstc, E90, Bm08/Bm08, 3-39
 Fitting, Plstc, E90, Bm08/Pf08s, Swivel,
 3-19, 3-57
 Fitting, Plstc, E90, Bm08/Pm04, 3-39
 Fitting, Plstc, E90, Bm08/Pm06, 3-39, 3-57
 Fitting, Plstc, E90, Bm08/Pm12, Nyl, 3-19,
 3-23, 3-25, 3-29, 3-39
 Fitting, Plstc, E90, Bm10/Pm08, 3-3
 Fitting, Plstc, E90, Bm10/Pm12, 3-3
 Fitting, Plstc, E90, Bm12/Pf12, 3-5
 Fitting, Plstc, E90, Bm12/Pm08, 3-3
 Fitting, Plstc, E90, Bm12/Pm12, 3-3, 3-5,
 3-19, 3-29, 3-39
 Fitting, Plstc, E90, Pf Bm [Es Pump], 4-3
 Fitting, Plstc, E90, Pf12/Pm12, 2-87
 Fitting, Plstc, Pf12/Pf12, Bh, 2-87, 3-3
 Fitting, Plstc, Pipe, Cap, Pf04, 3-21, 3-29,
 4-29
 Fitting, Plstc, Rst, .50od /.13id, 3-25
 Fitting, Plstc, Str, Bm04, Cplg, Fem, 3-21,
 3-29
 Fitting, Plstc, Str, Bm04/Bm08, 3-39

CROSS REFERENCE

Fitting, Plstc, Str, Bm04/Pm04, 3-39
 Fitting, Plstc, Str, Bm05/Pm04, 3-39
 Fitting, Plstc, Str, Bm06/Bm08, 3-43
 Fitting, Plstc, Str, Bm06/Pm04, 3-29, 4-29
 Fitting, Plstc, Str, Bm06/Pm06, 3-29
 Fitting, Plstc, Str, Bm08/Pf08s, Swivel, 3-57
 Fitting, Plstc, Str, Bm08/Pm06, 3-19
 Fitting, Plstc, Str, Bm08/Pm12, 3-23, 3-25
 Fitting, Plstc, Str, Bm12/Bm12, 2-91
 Fitting, Plstc, Str, Bm12/Pm08, Nyl, 3-3, 4-3
 Fitting, Plstc, Str, Bm12/Pm12, 2-91
 Fitting, Plstc, Str, Pf06/Qm10, Pvc, 3-39
 Fitting, Plstc, Str, Pm02/Bm05, 4-29
 Fitting, Plstc, Str, Pm04, Cplg, Mal, 3-21, 3-29
 Fitting, Plstc, Str, Pm04/Pm06, Nyl, 3-39
 Fitting, Plstc, Str, Pm08/Pm08, 3-3
 Fitting, Plstc, Str, Pm12/Pm12 1.60l, 3-3, 3-19, 3-29, 3-39
 Fitting, Plstc, Tee, Bm04/Bm04/Bm04, 3-29
 Fitting, Plstc, Tee, Bm04/Bm08/Bm08, Br, 3-19
 Fitting, Plstc, Tee, Bm06/Pm02/Bm06, 4-29
 Fitting, Plstc, Tee, Bm08/Bm08/Bm08, 3-19
 Fitting, Plstc, Tee, Bm08/Bm12/Bm12, Br, 3-23, 3-25, 3-31, 3-41, 3-43, 3-57
 Fitting, Plstc, Tee, Bm12/Bm12/Bm12, 2-91, 3-13
 Fitting, Plstc, Tee, Pf08/Pf08/Pf08, 3-3
 Fitting, Plstc, Tee, Pf12/Pf12/Pf12, 3-3, 3-19, 3-29, 3-39
 Fitting, Plstc, Y, Bm08/Bm08/Bm08, Nyl, 3-25, 3-29, 3-33, 3-43
 Fitting, Plug [Ku], 6-3
 Fitting, Plug, Org, #6, Valve [Cec], 4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Flange Mounting, 4-8
 Flange, Motor, Hyd [En], 4-9
 Flange, Pump, Water [Ku], 5-8, 6-8
 Flange, Sleeve, 5-27
 Flange, Sleeve [Ku], 6-25
 Flange, Water [Ku], 5-31, 6-29
 Flap, Battery, 2-11
 Flapper, Valve, Pump, Water, 4-3
 Flywheel, 6-18
 Follower, Screw, Pump, Injection[Ku], 6-23, 6-25
 Frame Wldt, Lift, Hppr, 2-53
 Frame Wldt, Main, Replmt [m20 & T20], 2-5
 Frame Wldt, Sqge, Lh, 2-83
 Frame Wldt, Sqge, Rh, 2-79
 Frame Wldt, Sqge, Side Brush, 3-7
 Frame, Drive End, 5-21
 Frame, End, 5-21, 6-19
 Frame, End, Drive, 6-19
 Fuel Pump Cover Plate, 5-25
 Fuelline, .31d 04.0l 05if/05if, Stil, 2-25
 Fuse, 015a, 2-43

G

Gasket, 5-3, 5-4, 5-10, 5-23, 5-27, 5-28, 5-29, 5-30, 5-31, 6-3, 6-29
 Gasket [Ku], 6-11, 6-20, 6-26
 Gasket Ku, 5-11
 Gasket Set, 6-4
 Gasket Set, Lower, 5-4
 Gasket Set, Upper, 5-5, 6-5
 Gasket, .25 1.88d 1.0id [Poron], 4-3
 Gasket, 2.00, 07.87w 10.24l, Adh, 2-99
 Gasket, 3.23id 3.63od .16th, Ure, 2-93
 Gasket, 4.05id 5.29od .19 [Buna], 2-93, 4-3
 Gasket, Bearing Case, 5-9
 Gasket, Bearing Case Cover, 5-9
 Gasket, Bearing, Case [Ku], 6-9
 Gasket, Case, Gear [Ku], 6-7, 6-9
 Gasket, Cover, Fuse Block, 2-43
 Gasket, Cover, Gov [Ku], 6-28
 Gasket, Cover, Head, Cyl [Ku], 6-10
 Gasket, Cover, Recvy Tank, 2-93
 Gasket, Cover, Spd [Ku], 6-27
 Gasket, Cyclinder Head, 5-5
 Gasket, Delivery Valve, 5-27
 Gasket, Ex-manifold, 5-11
 Gasket, F/ Bolt [Ku], 6-10, 6-20, 6-26, 6-27
 Gasket, F/ Screw [Ku], 6-23, 6-25
 Gasket, Foam, .50, 14.76id 16.54od, Adh, 2-99
 Gasket, Ftg, Banjo [Ku], 6-23, 6-25
 Gasket, Fuel Pump, 5-25
 Gasket, Gear Case, 5-7
 Gasket, Head Cover, 5-10
 Gasket, Head, Cyl [Ku], 6-5
 Gasket, Hppr, Transition, 2-101
 Gasket, Hsg, Thermostat [Ku], 5-31, 6-29
 Gasket, Manifold, Exhaust, 6-11
 Gasket, Manifold, Intake [Ku], 5-11
 Gasket, Manifold, Intake [Ku], 6-11
 Gasket, Oil Pan, 5-4
 Gasket, Pan, Oil, 6-4
 Gasket, Plt, Hose, Vacuum, 2-97
 Gasket, Pump, Fuel [Ku], 6-23
 Gasket, Pump, Water [Ku], 6-8
 Gasket, Sender, Fuel, 2-23
 Gasket, Solenoid, Throttle [Ku], 2-21, 6-23
 Gasket, Sqge, 1-1, 2-75
 Gasket, Thrtl Blk, 5-28
 Gasket, Valve, Injector [Ku], 6-25
 Gasket, Water Pump, 5-8
 Gasspring, 180lb, 03.0strk, 2-13
 Gauge, Oil, 5-4
 Gauge, Oil [Ku], 6-4
 Gauge, Sensing, Level, 2-123
 Gear, 5-21, 6-19
 Gear, Camshaft, 5-15
 Gear, Camshaft [Ku], 6-15
 Gear, Crankshaft, 5-17
 Gear, Cshft [Ku], 6-17
 Gear, Governor, 5-13
 Gear, Govnr [Ku], 6-13
 Gear, Idler, Cam [Ku], 6-15
 Gear, Injection Pump, 5-13
 Gear, Injection, Pump [Ku], 6-13
 Gear, Oil Pump Drive, 5-17
 Gear, Pump, Oil [Ku], 6-17
 Gear, Ring, 5-19

Gear, Ring [Ku], 6-18
 Geroler, Motor, Hyd, 4-5
 Gerotor Set, 4-8
 Gerotor Set [Cl], 4-9
 Glowplug [Ku], 6-20
 Grill Wldt, Front, 2-17
 Grill, Eng, 2-19
 Grill, Side, 2-13
 Grip, Handle, 2-89, 2-95
 Grommet, Blind, 4-29
 Grommet, Pye, 0.37id, F/1.5h, .13 Matl, 3-5
 Grommet, Rbr, 0.38id, F/0.5H, .12 Matl, 3-61
 Grommet, Rbr, 0.62id, F/0.9h, .06 Matl, 2-59, 3-37
 Grommet, Rbr, 0.62id, F/0.9h, .12 Matl, 3-5
 Grommet, Rbr, 0.75ld, F/1.3H, .12 Matl, 2-13
 Grommet, Rbr, 1.06id, F/1.4h, .19 Matl, 2-59
 Grommet, Rbr, 1.50id, F/1.8h, .19 Matl, 2-59
 Grommet, Rbr, 2.13id, F/2.5h, .12 Matl, 3-19, 3-29, 3-39
 Guard Kit, Sqge, Ci [M20], 3-59
 Guard Wldt, Brush, Side, 3-13
 Guard Wldt, Pntd [M20/T20], 3-59
 Guard Wldt, Sqge [M20/T20/M30], 3-59
 Guard Wldt, Top, Ohg, 3-51
 Guard, Fan, Gas/Lpg, Ce [M20/T20], 2-37
 Guide Assy, Oil Gauge, 5-4
 Guide, Exhaust Valve, 5-5
 Guide, Inlet Valve, 5-5
 Guide, Valve, Exhaust, 6-5
 Guide, Valve, Inlet, 6-5

H

Handle Wldt, Drain, 2-93
 Handle, Valve, Pinch, Lh, 2-95
 Handle, Valve, Pinch, Rh, 2-89
 Harness [FaST, M20 And T20], 3-27
 Harness, Ele, Seat, 2-157
 Harness, Engine, Dsl [M20 T20], 2-155
 Harness, Headlight [M20 And T20], 2-148
 Harness, Hppr [M20], 2-151
 Harness, Hppr [M20/M30], 2-151
 Harness, Hppr, Cover [M20], 2-153
 Harness, Jumper [Deutsch To Mpack], 4-17, 4-23
 Harness, Main [M20], 2-147
 Harness, Seat, Switch, Ce [M20/T20/M30], 2-157
 Harness, Spray, Nozzle, 3-57
 Harness, Warning / Backup [M20 & T20], 3-47, 3-49
 Harness, Wire [Ec-H2o, Mako, 2.0l & Dsl], 3-46
 Harness, Wire [Ec-H2o], 3-46
 Harness, Wire [FaST Gen 2], 3-35
 Harness, Wire, Dsl [M20/T20, Telemetry], 3-62
 Head, Cyl, W/O Valves, 5-5
 Head, Cylinder [Ku], 6-5

Headlight, 12vdc, 27watt, 2.1a, Oval (Rpl by 1060942), 2-5	Hose, Afmkt, Vacuum, 0.16id, 03ft, 2-59	Hose, Hyd, Tc04, Jf04str /Jf04e90, 70.0, 2-115
Headlight, 12Vdc, Oval, Halogen, 2-5	Hose, Drain, 3.00id X 48.0l, 2-89, 2-95	Hose, Hyd, Tc04, Jf04str /Jf04e90, 88.0, 2-115
Hinge Kit, Cover, Tank, Recvy, Replmt, 2-93	Hose, Flex, 4.00d, 24.0l, 2-97	Hose, Hyd, Tc04, Jf04str /Jf04str, 20.0, 3-17
Hinge Wldt, Shrd, Lh, 2-19	Hose, Flex, Vacuum, 3.5d 32.0l, 2-101	Hose, Hyd, Tc04, Jf04str /Jf04str, 39.0, 3-17
Hinge Wldt, Shrd, Rh, 2-13	Hose, Fuel [Ku], 6-20	Hose, Hyd, Tc04, Jf04str/Jf04str, 096.0, 2-115
Hinge, .38pin .11 3.5w 06.0l 6/0.38sl, 2-17	Hose, Fuel, 0.18id 29.0l, 2-25	Hose, Hyd, Tc06, Jf06e90/Jf06str, 040.0, 2-109
Hinge, .50pin .19 4.0w 06.0l 3/0.44sl, 2-81, 2-85	Hose, Fuel, 0.31id 22.0l, 2-25	Hose, Hyd, Tc06, Jf06e90/Jf06str, 104.0, 2-109
Holder,, 5-13	Hose, Fuel, 0.50id 21.0l, 2-23	Hose, Hyd, Tc06, Jf06str /Jf06e45, 54.0, 2-115
Holder, Delivery Valve, 5-27	Hose, Heater, E90, 0.62id, 24.0 4.0, 3-33, 3-43	Hose, Hyd, Tc06, Jf06str /Jf06e90, 74.0, 3-17
Holder, Gear [Ku], 6-13	Hose, Hyd, Med04, Jf04e90/Jf04str, 016.0, 2-115	Hose, Hyd, Tc06, Jf06str /Jf06str, 23.0, 3-17
Holder, Governor Gear, 5-13	Hose, Hyd, Med06, Jf06e90/Jf06str, 042.0, 2-111	Hose, Hyd, Tc06, Jf06str/Jf06str, 033.0, 3-17
Holder, Govnr [Ku], 6-13	Hose, Hyd, Med06, Jf06e90l/Jf06str,038.0, 3-17	Hose, Hyd, Tc06, Jf06str/Jf06str, 054.0, 2-115
Holder, Valve, Inj [Ku], 6-25	Hose, Hyd, Med06, Jf06str/Jf06str, 018.0, 2-111	Hose, Hyd, Tc06, Jf06str/Jf06str, 062.0, 3-17
Hook, Engine 1, 5-5	Hose, Hyd, Med06, Jf06str/Jf06str, 022.0, 2-111, 2-113	Hose, Hyd, Tc06, Jf06str/Jf06str, 086.0, 3-17
Hook, Engine 2, 5-5	Hose, Hyd, Med06, Jf06str/Jf06str, 042.0, 2-111, 2-113	Hose, Hyd, Tc08, Jf08E45/Jf08Str, 026.0, 2-111, 2-113
Hopper, Debris, Rm-Hg, Trimmed, 2-55	Hose, Hyd, Med08, Jf08e90/Jf08str, 031.0, 2-111	Hose, Hyd, Tc08, Jf08e45/Jf08str, 26.0, 2-111
Horn, 12vdc, Dbal [Wolo], 2-43	Hose, Hyd, Med08, Jf08e90/Jf08str, 032.0, 2-21	Hose, Hyd, Tc08, Jf08e45/Jf08str, 96.0, 2-109
Hose Assy, Sqge, 2-93	Hose, Hyd, Med08, Jf08str /Jf08e45, 21.0, 2-111, 2-113	Hose, Hyd, Tc08, Jf08e90/Jf08str, 024.0, 2-111
Hose Assy, W/1cuff, 1.0d 09l 1.0l, 2-55	Hose, Hyd, Med08, Jf08str/Jf08str, 022.0, 2-115	Hose, Hyd, Tc08, Jf08e90/Jf08str, 029.0, 2-111
Hose Assy, W/2cuff, 1.5d 084l [Vacwand], 3-55	Hose, Hyd, Med10, Jf10str/Jf10str, 41.0, 2-111	Hose, Hyd, Tc08, Jf08e90/Jf08str, 034.0, 3-17
Hose Assy, W/2cuff, 1.5d 84l [Vacwand], 3-53	Hose, Hyd, Med10, Jf10Str/Jf10Str, 036.0, 2-113	Hose, Hyd, Tc08, Jf08e90/Jf08str, 046.0, 2-111, 2-113
Hose Kit, Hyd, Propel, Ci [M20/T20], 2-109	Hose, Hyd, Med10, Jf10str/Jf10str, 36.0, 2-111	Hose, Hyd, Tc08, Jf08e90/Jf08str, 056.0, 3-17
Hose, 0050, 04, lf05str / lm05str, 10.0, 2-25	Hose, Hyd, Med12, Jf12e90/Jf12str, 029.0, 2-111, 2-113	Hose, Hyd, Tc08, Jf08e90/Jf08str, 13.0, 2-115
Hose, 0300, 08, Jf08str / None, 19.0, 2-21	Hose, Hyd, Med12, Jf12e90/Jf12str, 66.0, 2-111	Hose, Hyd, Tc08, Jf08str/Jf08e90, 012.0, 3-15
Hose, Afmkt, Coolant Recvy, 05ft, 2-35	Hose, Hyd, Med12, Jf12str/Jf12str, 060.0, 2-111, 2-113	Hose, Hyd, Tc08, Jf08str/Jf08e90, 031.0, 2-111, 2-113
Hose, Afmkt, Coolant Recvy, 08ft, 2-41	Hose, Hyd, Spcl, Jf04str/Jf04str, 115.0, 2-115	Hose, Hyd, Tc08, Jf08Str/Jf08Str, 021.0, 2-111, 2-113
Hose, Afmkt, Pvc, Brd 0.38id 02ft, 3-5	Hose, Hyd, Spcl, Jf04str/Jf04str, 121.0, 2-115, 2-117	Hose, Hyd, Tc08, Jf08str/Jf08str, 024.0, 2-111
Hose, Afmkt, Pvc, Brd 0.50id 02ft, 3-23	Hose, Hyd, Spcl, Jf04str/Jf04str, 127.0, 2-115	Hose, Hyd, Tc08, Jf08str/Jf08str, 056.0, 3-17
Hose, Afmkt, Pvc, Brd 0.50id 03ft, 3-19	Hose, Hyd, Spcl, Jf04str/Jf04str, 133.0, 2-115	Hose, Hyd, Tc08, Jf08str/Jf08str, 084.0, 3-17
Hose, Afmkt, Pvc, Brd 0.50id 08ft, 3-19, 3-25	Hose, Hyd, Spcl, Jf04str/Jf06str, 125.0, 2-117	Hose, Hyd, Tc08, Jf08str/Jf08str, 21.0, 2-111
Hose, Afmkt, Pvc, Brd 0.62id 01ft, 3-5	Hose, Hyd, Spcl, Jf10e90/Jf10str, 63.0, 2-109	Hose, Hyd, Tc08, Jf08str/Jf08str, 48.0, 2-115
Hose, Afmkt, Pvc, Brd 0.75id 01ft, 3-5	Hose, Hyd, Spcl, Jf10str/Jf10str, 56.5, 2-109	Hose, Hyd, Tc12, Jf12e90/Jf12str, 044.0, 2-111
Hose, Afmkt, Pvc, Brd 0.75id 08ft, 2-91, 3-3, 3-13	Hose, Hyd, Suc20, Jf20str /Jf20e90, 30.0, 2-113	
Hose, Afmkt, PVC, Brd, 0.31ld, 03Ft, Clr, 3-39, 4-29	Hose, Hyd, Suc20, Jf20str/Jf20e90, 030.0, 2-111	
Hose, Afmkt, Pvc, Brd, 0.38id, 01ft, Clr, 4-29	Hose, Hyd, Tc 06, Jf06str /Jf06e45, 56.0, 2-115	
Hose, Afmkt, Pvc, Brd, 0.38id, 02ft, Clr, 3-43, 4-29	Hose, Hyd, Tc04, Jf04e45/Qm06, 026.0, 2-117	
Hose, Afmkt, Pvc, Brd, 0.38id, 03ft, Clr, 3-29	Hose, Hyd, Tc04, Jf04e45/Qm06, 028.0, 2-117	
Hose, Afmkt, Pvc, Brd, 0.50id, 01ft, Clr, 3-29, 3-39	Hose, Hyd, Tc04, Jf04e90/Jf04str, 020.0, 2-115	
Hose, Afmkt, Pvc, Brd, 0.50id, 08ft, Clr, 3-31, 3-33, 3-43		
Hose, Afmkt, Pvc, Brd, 0.50id, 12ft, Clr, 3-39, 3-41		
Hose, Afmkt, Pvc, Brd, 0.75id, 08ft, Clr, 3-31, 3-41, 3-57		
Hose, Afmkt, Pvc, Clr 0.25id 03ft, 3-21		
Hose, Afmkt, Pvc, Clr 0.38id 03ft, 2-25		
Hose, Afmkt, Pvc, Clr 0.50id 08ft, 3-25		
Hose, Afmkt, Pvc, Clr, 0.25id, 02ft, 3-29		
Hose, Afmkt, Pvc, Clr, 0.25id, 03ft, 3-39		
Hose, Afmkt, Pvc, Clr, 0.38id, 01ft, 3-29		
Hose, Afmkt, Pvc, Clr, 0.38id, 03ft, 3-29		
Hose, Afmkt, Pvc, Clr, 0.50id, 08ft, 3-33		
Hose, Afmkt, Pvc, Wir, 0.50id, 03ft, Clr, 3-29		
Hose, Afmkt, Vacuum, 0.16id 01ft, 3-5		

CROSS REFERENCE

Hose, Hyd, Tco4, Jf04Str/Qm06, 028.0, 2-117
Hose, Hyd, Med04, Jf04str/Jf04str, 066.0, 2-109
Hose, Hyd, Tc 04, Jf04str /Jf04e45 , 35.0, 2-117
Hose, Intake, Mold, 1.75id 1.75id Dsl, 2-27
Hose, Intake, Mold, 2.00id [Epdm], 2-27
Hose, Pvc, Brd, 0.62id 0.88od 09.00l, 3-3
Hose, Pvc, Clr, 0.38id 0.56od 22.00l, 2-35
Hose, Pvc, Clr, 0.38id 0.56od 48.00l, 3-3, 3-5
Hose, Pvc, Clr, 0.38id 0.56od 022.0l, 2-41
Hose, Pvc, Clr, 0.50id 0.69od 26.00l, 3-13
Hose, Pvc, Clr, 0.50id 0.69od 30.00l, 2-43
Hose, Radiator, Lower, Dsl, 2-35, 2-41
Hose, Radiator, Lower, Dsl (Cut to fit), 2-41
Hose, Radiator, Upper, Dsl, 2-35, 2-41
Hose, Rbr, E90 1.25id 1.25id 04.2 03.1, 2-35
Hose, Rbr, E90, 1.25id 1.25id 04.2 03.1, 2-41
Hose, Vacuum, 19.0l, 2-75
Hose, Water [Ku], 5-31, 6-29
Hose, Water, Coil, 3-57
Housing, 4-7
Housing Assy, Nozzle, 5-23, 6-20, 6-21
Housing Assy, Vacfan, Scrbr, 2-97
Housing Assy, Vacfan, Swpr, 2-101
Housing Kit, Drive, Front, Replmt, 2-45
Housing Kit, Pump, Water, 4-3
Housing Wldt, Brush, Drive, 2-65, 2-67
Housing Wldt, Vacfan, Front [528], 2-97
Housing, Bottom, 4-29
Housing, Brg, Motor, Hyd, 4-5
Housing, Cplg, Qf / Pm08, 3-39
Housing, Fan, Radial Discharge, Sq Inlet, 2-99
Housing, Flywheel, Mach [1505, Kubo], 2-21
Housing, Motor, Hyd [En], 4-9
Housing, Sppt, Rear Wheel, 2-45
Housing, Thermostat [Ku], 5-31, 6-29
Housing, Valve, 4-5
Housingl, 4-8
Hsg & Switch Kit, Pump, Repair., 4-27
Hub Assy, Wheel, 5 Bolt 4.50bc Taper B, 2-45
Hub, Drive, Brush, Disk, 1.00b [6t], 3-7, 3-9
Hub, Drive, Brush, Disk, 3hole 5.8bc, 2-3
Hub, Drive, Brush, Disk, 3hole 5.8bc[6t], 2-3

I

Idler Assy, Brush, Replmt [M20/T20, M30], 2-65, 2-67
Idler Door Kit, Replmt [M20/T20/M30], 2-65, 2-67
Idling, Apparatus [Ku], 6-26
Impeller, 11.81d X 0.500b, 2-99
Impeller, 9.00d X 1.40w X 0.376b, 2-101
Impeller, 9.5d, 18 Bl, 2-97
Impeller, Pump, Water [Ku], 6-8
Impeller, Water Pump, 5-8

Indicator, Service, Fltr, Air [20h20 Dn], 2-27
Indicator, Timing [Ku], 6-18
Insert, :Lrg [Venturi, FaST III], 4-32
Insert, Cap, Mount, Es Pump, 4-3
Insert, Cplg, Qm, Bm08, 3-39
Insert, Plt, Cam, Pump, Hyd, 4-7
Instr, Maint, Wall Chart [M20], 3-63
Instr, Motor, Hyd, Repair [En], 4-9
Instr, Repair, Motor, Hyd, Gear, 4-5
Instr, Repair, Pump, 4-7
Instr, Seal Kit, Motor, 4-10
Instr, Switch, Replmt, Thermostat, Eng, 2-21
Instr, Valve, Steering, Repair, 4-25
Instr. Repair Info, Motor, 4-8
Insulation, 3-51
Insulation, Acstc, Rnd, 0.8, 02.5d 0.5h, 2-15
Insulation, Flame-Retardant, 0.5, 2-19, 2-23
Insulation, Flame-Retardant, 0.50, 2-97
Insulation, Flame-retardant, 0.75-0.88, 2-9, 2-13, 2-97
Insulation, Flame-Retardant, 1.0, 2-13
Insulation, Shrd, Eng, Gusset, 2-19
Insulation, Thermal, Hydraulic Blanket, 2-123
Isolator, Rbr, 2-33
Isolator, Vib, .50d, 2-21
Isolator, Vib, Bshg, 1.1d 0.6l .4b 0.78h, 2-35, 2-37, 2-39, 2-97, 2-99, 2-101

K

Key, 5-17
Key [Ku], 6-15, 6-17
Key-Wdruff 0.25 1.00, 4-8
Key, Feather, 5-15
Key, Ignition [Set Of 2], 1-1, 2-11
Key, Motor, Hyd, 4-5
Key, Shaft, Pump, Hyd, 4-7
Key, Sq, 0.12 X 0.12, 0.50l, 2-29, 2-31
Key, Sq, 0.12 X 0.12, 0.75l, 4-10
Key, Sq, 0.12 X 0.12, 1.00l (Included With Motor), 2-97
Key, Sq, 0.25 X 0.25, 1.25l, 2-65, 2-67
Key, Woodruff, 5-13
Key, Woodruff [Ku], 6-13
Key, Woodruff, 0.25 1.00 [Asa#0808], 4-9
Kit, Bellows, Pump, Detgt, 4-26
Kit, Brush, Motor, Ele, 4-3
Kit, Seal, Motor, Hyd, 4-5
Kit, Seal, Motor, Hyd, Gear[Barns], 2-97, 4-10
Kit, Seal, Valve, Hyd [Cec], 4-10
Kit, Valve, Check, Pump, Water, 4-3
Knob Assy, Star, 1.12d 3ear M10, 2-77
Knob, Star, 2.80d 4ear 1.1l .31-18 Pyp, 2-75
Knob, Tee, 2.5x1.0 1.1l 0.38-16 Plstc, 2-15
Knobs, Adjmt, Weight, 4-31

L

Label [User, Attention, ec-H2O], 2-159
Label Kit, Panel, Replmt [M20], 2-11
Label Kit, Panel, Replmt [M20/M30 ec-H2O only], 2-11
Label Set, Brush Indicator & Removal, 2-159
Label Set, Hi Temp, 2-159
Label Set, Info/Hzrd, Swpr / Scrbr, 2-159
Label, Logo, 05.75L 2Color [ES], 2-159
Label, Logo, 07.95L 2Color [FaST], 2-159
Label, Logo, 12.3L 4Color [ec-H2O], 2-159
Label, Logo, 16.9L 4Color [ec-H2O], 2-159
Label, Model, 2Color [M20], 2-159
Label, Opertnl, Telem [Fcc/lc], 3-61
Label, Switch, Rocker [M20/M30], 2-11
Lamp, 12vdc [Speaker], 2-5
Lamp, Bulb, Lamp, Flsh, 3-49
Lamp, Flasher, Amb [12-48 Vdc], 3-49
Lamp, Halogen [Speaker], 2-5
Latch, 2-13, 2-35, 2-57, 2-59, 2-65, 2-67, 2-87
Latch Kit, Cover, Soltn, Replmt[M20/T20], 2-87
Latch, Cover, 2-87
Latch, Door [Southco 91-562-07], 2-19, 2-79, 2-83
Latch, Hook, 2-81, 2-85
Lens, Blue, Option, F/ Strobe / Flsh Light, 3-49
Lens, Lamp, Amb, Strobe/Flasher, 3-49
Lens, Red, Option, F/ Strobe / Flsh Light, 3-49
Lever Assy, Fork [KU], 6-28
Lever, Cntrl, Spd [Ku], 6-27
Lever, Engine Stop, 5-29
Lever, Fork [Ku], 6-28
Lever, Fork 2, 5-30
Lever, Fork, Shaft [Ku], 6-28
Lever, Plate, Cntrl [Ku], 6-27
Lever, Speed Control, 5-29
Lever, Stop [Ku], 6-27
Light Kit, Flsh, Ci [M20 And T20], 3-49
Light, Led, .312D, 2 Volt [Tri-Color] (ec-H2O only), 2-11
Light, Panl, 14vdc, , 1.1 X 1.0, 2-11
Light, Tail, 12vdc, 2-59
Link Assy, Rod-End, M12, 2-73
Lock, Secondary, 2cav, Mp280 Sealed, 4-27

M

Magnet, Pickup, 2-21
Maint Kit, 400hr, Dsl [M20/T20], 1-1
Manifold Assy, Inlet, 5-11, 6-11
Manifold, Bar, Spray, 37.5inch, 2-91
Manifold, Exhaust [Ku], 6-11
Manifold, Exhaust, Front, Down, 5-11
Manifold, Water, 3-39
Manual, Eng [Kubo, V1505e], 3-63
Manual, Oprtr [M20 Diesel Cz Ce], 3-63
Manual, Oprtr [M20 Diesel De Ce], 3-63
Manual, Oprtr [M20 Diesel Dk Ce], 3-63
Manual, Oprtr [M20 Diesel En Ce], 3-63
Manual, Oprtr [M20 Diesel Es Ce], 3-63
Manual, Oprtr [M20 Diesel Fi Ce], 3-63

Manual, Oprtr [M20 Diesel Fr Ce], 3-63
 Manual, Oprtr [M20 Diesel Gr Ce], 3-63
 Manual, Oprtr [M20 Diesel Hu Ce], 3-63
 Manual, Oprtr [M20 Diesel It Ce], 3-63
 Manual, Oprtr [M20 Diesel NI Ce], 3-63
 Manual, Oprtr [M20 Diesel No Ce], 3-63
 Manual, Oprtr [M20 Diesel PI Ce], 3-63
 Manual, Oprtr [M20 Diesel Pt Ce], 3-63
 Manual, Oprtr [M20 Diesel Ru Ce], 3-63
 Manual, Oprtr [M20 Diesel Se Ce], 3-63
 Manual, Oprtr [M20 Diesel Tr Ce], 3-63
 Manual, Oprtr [M20 Dsl, Bg, Ce], 3-63
 Manual, Oprtr [M20 Dsl, Ee, Ce], 3-63
 Manual, Oprtr [M20 Dsl, Hr, Ce], 3-63
 Manual, Oprtr [M20 Dsl, Lt, Ce], 3-63
 Manual, Oprtr [M20 Dsl, Lv, Ce], 3-63
 Manual, Oprtr [M20 Dsl, Ro Ce], 3-63
 Manual, Oprtr [M20 Dsl, Si, Ce], 3-63
 Manual, Oprtr [M20 Dsl, Sk, Ce], 3-63
 Manual, Parts [M20 Diesel, Ce], 3-63
 Manual, Service [M20 En], 3-63
 Mat, Floor, 2-7
 Media, Cd-Rom, Training [ec-H2O Tennant], 3-63
 Metal, Crankpin, 5-17
 Metal, Crankpin 02, 5-17
 Metal, Crankpin 04, 5-17
 Metal, Crankshaft 1, 5-17
 Metal, Crankshaft 2, 5-17
 Metal, Crankshaft 3, 5-17
 Metal, Crankshaft1 02, 5-17
 Metal, Crankshaft1 04, 5-17
 Metal, Crankshaft2 02, 5-17
 Metal, Crankshaft2 04, 5-17
 Metal, Crankshaft3 02, 5-17
 Metal, Crankshaft3 04, 5-17
 Metal, Side 1, 5-17
 Metal, Side 1 02, 5-17
 Metal, Side 1 04, 5-17
 Metal, Side 2, 5-17
 Metal, Side 2 02, 5-17
 Metal, Side 2 04, 5-17
 Mirror, Convex, 0.50D, 3-51
 Module Kit, Replmt [Ec-H20], 4-29
 Module Kit, Replmt [Ec-H20] (See Breakdowns), 3-37
 Molding, Afrmkt, Trim, Pvc, .08 .11, 01Ft, 3-37
 Molding, Afrmkt, Trim, Pvc, .08 .11, 1ft, 2-7
 Molding, Trim, Pvc, .18-.31 07.5l, 2-59
 Motor Kit, Pump, Repair, 4-27
 Motor Kit, Replmt [M20&T20], 2-97
 Motor, Ele [12vdc, Shaker], 2-57
 Motor, Ele 12Vdc, Shaker, 2-57
 Motor, Ele, 12vdc, Pump, Water, 4-3
 Motor, Ele, Gear, 14vdc, Pump, Detgt, 4-26
 Motor, Hyd Gear In 4.5 B 1500, 4-8
 Motor, Hyd, Gear, [Ex] .194 R 3000 (See Breakdowns), 2-101
 Motor, Hyd, Gear, [Int], 19.0 X 3000, 4-5
 Motor, Hyd, Gear, Ext 0.17 Lh 3000, 2-99, 2-101
 Motor, Hyd, Gear, Ext 0.19 Rh 3000, 4-10
 Motor, Hyd, Gear, Int 04.5 Bi-Dir 1500, 2-65, 2-67
 Motor, Hyd, Gear, Int 04.5 Bi-Dir 1500 (See Breakdowns), 2-65, 2-67

Motor, Hyd, Gear, Int 08.9 Bi-Dir 2500, 3-9, 4-9
 Motor, Hyd, Gear, Int 08.9 Bi-Dir 2500 (See Breakdowns), 3-7, 3-9
 Motor, Hyd, Gear, Int 19.0 Bi-Dir 3000 (See Breakdowns), 2-45
 Motor, Starter, 12vdc [Kubota] (See Engine Breakdown), 2-21
 Mount Wldt, Valve, Pinch, Lh, 2-95
 Mount Wldt, Valve, Pinch, Rh, 2-89
 Muffler, Exhaust, 2-33
 Muffler, Vacfan, 4.0id, 2-101

N

Nipple, Hose, 3-57
 Nozzle, 3-57
 Nozzle [Ku], 6-21
 Nozzle Kit, Spray, Ci, 3-57
 Nozzle, Spray, Gun, 3-57
 Nozzle, Spring [Ku], 6-21
 Nozzle, Wand, Plstc, 14.0l, 3-55
 Nozzle, Wand, Plstc, 14.0lg, 3-53
 Nut, 5-7, 5-11, 5-12, 5-25, 5-28, 5-29, 6-11, 6-19
 Nut [Ku], 6-21, 6-23
 Nut-Hxslot .75-16 Pltd, 4-8
 Nut, Cap, 5-10, 5-13, 5-25, 5-28
 Nut, Cap [Ku], 6-26
 Nut, Cap, Cam [Ku], 6-13
 Nut, Coil, F/#8, 4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Nut, Coil, Nyl Patch, 4-15, 4-17, 4-21, 4-23
 Nut, Flange [Ku], 6-20
 Nut, Ftg, Hyd, 0.56-18, 2-121
 Nut, Hex [Ku], 5-31, 6-7, 6-12, 6-19, 6-23, 6-26, 6-27
 Nut, Hex, Cap, 6-10
 Nut, Hex, Flng, M5 X 0.8, 2-53
 Nut, Hex, Flng, M6 X 1.00, 2-37, 2-39
 Nut, Hex, Flng, M8 X 1.25, 2-39, 2-79, 2-83, 2-121
 Nut, Hex, Jam, .31-24, 2-49
 Nut, Hex, Jam, .38-24, 2-21
 Nut, Hex, Jam, .50-20, 2-69, 3-11
 Nut, Hex, Jam, .50-20, Lh, 2-69
 Nut, Hex, Jam, M20 X 1.5, 2-15
 Nut, Hex, Lock, .25-20, NI, 2-23, 2-97, 2-101
 Nut, Hex, Lock, .25-20, NI, Ss, 2-51
 Nut, Hex, Lock, .31-18, NI, 2-13
 Nut, Hex, Lock, .31-18, NI, Thin, 2-13
 Nut, Hex, Lock, .31-24, NI, Thin, 2-101
 Nut, Hex, Lock, .38-16, NI, 2-29, 2-41
 Nut, Hex, Lock, .38-16, NI, Ss, 2-29, 2-31, 3-11
 Nut, Hex, Lock, .38-16, NI, Thin, 2-51, 2-97, 2-101
 Nut, Hex, Lock, .50-13, NI, Ss, 2-77
 Nut, Hex, Lock, .50-13, NI, Thin, 2-69
 Nut, Hex, Lock, .50-20, NI, Thin, 2-69
 Nut, Hex, Lock, .75-10, NI, 2-45
 Nut, Hex, Lock, #08-32, NI, 2-11
 Nut, Hex, Lock, M10 X 1.5, NI, 2-21, 2-29, 2-35, 2-37, 2-39, 2-101, 2-121, 3-51, 3-59

Nut, Hex, Lock, M10 X 1.5, NI, Ss, 2-55, 2-63, 2-73, 2-77
 Nut, Hex, Lock, M12 X 1.75, NI, Ss, 2-69, 2-73
 Nut, Hex, Lock, M12 X 1.75, NI, 2-21, 2-47
 Nut, Hex, Lock, M4 X 0.7, NI, 2-13, 2-19, 3-21
 Nut, Hex, Lock, M4 X 0.7, NI, Ss, 2-19, 2-51, 2-79, 2-83, 3-3
 Nut, Hex, Lock, M4 X 0.70, NI, 2-35
 Nut, Hex, Lock, M4 X 0.70, NI, Ss, 3-37
 Nut, Hex, Lock, M5 X 0.8, NI, 2-13, 2-43
 Nut, Hex, Lock, M5 X 0.8, NI, Ss, 2-65, 2-67, 2-91, 3-13, 3-19, 3-25
 Nut, Hex, Lock, M5 X 0.80, NI, 3-37, 3-57, 3-61
 Nut, Hex, Lock, M5 X 0.80, NI, Ss, 2-49, 3-33, 3-43, 3-47, 3-49
 Nut, Hex, Lock, M6 X 1.0, NI, 2-13, 2-15, 2-17, 2-49
 Nut, Hex, Lock, M6 X 1.0, Ss, NI, 2-11, 2-57, 2-61, 2-63, 2-71, 2-73, 2-91, 2-93
 Nut, Hex, Lock, M6 X 1.00, NI, 2-7, 2-25, 2-27, 2-29, 2-31, 2-35, 2-37, 2-39
 Nut, hex, Lock, M6 X 1.00, NI, Ss, 3-61
 Nut, Hex, Lock, M6 X 1.00, Ss, NI, 2-33, 2-93
 Nut, Hex, Lock, M8 X 1.25, NI, 2-5, 2-7, 2-19, 2-21, 2-23, 2-29, 2-31, 2-35, 2-41, 2-43, 2-49, 2-51, 2-81, 2-85, 2-125, 3-15
 Nut, Hex, Lock, M8 X 1.25, NI, Ss, 2-27, 2-33, 2-35, 2-51, 2-55, 2-57, 2-61, 2-63, 2-65, 2-67, 2-69, 2-71, 2-73, 2-75, 2-77, 2-79, 2-83, 2-87, 2-89, 2-95, 2-99, 3-7, 3-13, 3-15
 Nut, Hex, Std, .75-16, 2-47
 Nut, Hex, Std, .75-18, 2-65, 2-67
 Nut, Hex, Std, 1.12-18, 2-45
 Nut, Hex, Std, M20 X 2.5, 8, 2-65, 2-67
 Nut, Hex, Std, .25-28, 2-49, 2-51
 Nut, Hex, Std, .25-28, Lh, 2-49
 Nut, Hex, Std, .31-18, 3-51
 Nut, Hex, Std, #08-32, 2-21
 Nut, Hex, Std, M10 X 1.50, 2-57
 Nut, Hex, Std, M12 X 1.75, Ss, 2-81, 2-85, 2-99
 Nut, Hex, Std, M16 X 2.0, 2-17
 Nut, Hex, Std, M3 X 0.5, 8, 2-57
 Nut, Hex, Std, M5 X 0.8, 8, 2-51
 Nut, Hex, Std, M6 X 1.00, 8, 3-37
 Nut, Hex, Std, M8 X 1.25, 2-7, 2-57
 Nut, Hex, Std, M8 X 1.25, Brs, 2-31
 Nut, Hex, Std, M8 X 1.25, Ss, 2-51, 2-81, 2-85
 Nut, Hexagon, 5-21
 Nut, Isolator, .38-16 Wall Th .015-.437, 3-53
 Nut, Lock [Ku], 6-26
 Nut, Low Crown, .50-20, 2-97
 Nut, Motor, Hyd, 4-5
 Nut, Nozzle [Ku], 6-21
 Nut, Solenoid, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Nut, T, M10 X 1.50 X 15.8od X 13.5l, 2-79, 2-83

CROSS REFERENCE

Nut, T, M8 X 1.25 X 14.50d X 9.5l, 3-7
Nut, Wheel, .50-20 X 60 Angle, 2-45

O

O-Ring, 5-3, 5-4, 5-5, 5-7, 5-17, 5-21, 5-27, 5-29
O-Ring [Ku], 6-4, 6-27
Ohg Kit, Ci [M20 And T20], 3-51
Oil Filter, Plug, 5-7
Oil, Hydraulic 68 [20L], 1-1

P

Pad, Armrest, 4-31
Pad, Pedal, Brake, 3.96l 2.36w 0.75, 2-49
Pad, Tank, Hyd [W/Psa], 2-121, 2-123
Pan, Oil, Dsl, 6-4
Panel Kit, Instmt, Repair [M20/M30], 2-11
Panel Wldt, Adj, 2-7
Panel Wldt, Dsl, Replmt, 2-7
Panel Wldt, Dsl, Replmt [W/Fast], 2-7
Panel Wldt, Dsl, W/ Es, Replmt, 2-7
Panel Wldt, Filler, 2-5
Panel, Access, Door, 2-7
Panel, Access, Floor, 2-7
Panel, Instmt, Rh, Dsl, Replmt, 2-11
Panel, Kit, Instmt, Replmt [M20/M30 ec-H20 only], 2-11
Panel, Removable, Oprtr Station, 2-7
Panel, Shrd, Fan, Dsl, 2-35
Pawl, Str, 2-65, 2-67
Pedal, Brake, Lock, 2-49
Pedal, Propel, 2-51
Pin Kit, Wheel, Ci [M20/T20/M30], 2-5, 2-59, 3-13
Pin Wldt, 3-11
Pin Wldt, Front, 2-75, 3-9
Pin Wldt, Lift (Replaced by 9003478), 2-77
Pin Wldt, Pivot, Hpr, 2-5
Pin, 0.63d 01.8l, 1/M10h, 2cham, 2-77
Pin, 0.87d 01.8l, 1/M6 X 1.0, 1cham,Stl, 2-53
Pin, 30mmd X 215mml, 2-5, 2-59, 3-13
Pin, Arm, Safety, 2-53
Pin, Clamp, 5-27, 6-25
Pin, Clevis, 0.25d X 0.75l, 2-49
Pin, Clevis, 0.31d X 0.75l, 3-7
Pin, Clevis, 0.31d X 1.00l, 2-49
Pin, Clevis, 0.37d X 1.31l, 3-11
Pin, Clevis, 0.37d X 1.50l, 3-11
Pin, Clevis, 0.37d X 1.75l, 2-61, 2-63, 2-69, 2-81, 2-85, 3-11
Pin, Clevis, 0.37d X 2.00l, 2-73
Pin, Clevis, 0.50 D X 4.50l, 2-51
Pin, Clevis, 0.62d X 2.91l, 2-53
Pin, Clevis, 0.75d X 2.00l, 2-69
Pin, Clevis, 0.88d X 2.25l, 2-53
Pin, Cotter, .062 X 0.50, 2-49
Pin, Cotter, .094 X 1.00, 2-49, 2-53, 2-61, 2-63, 2-73, 3-7, 3-11
Pin, Cotter, .125 X 1.00, 2-51, 2-81, 2-85
Pin, Cotter, .125 X 1.25, 2-65, 2-67
Pin, Cotter, .125 X 2.00, 2-45
Pin, Cotter, .156 X 1.25, 2-69
Pin, Cotter, .156 X 2.00, 2-47, 2-59
Pin, Cotter, Hair, 0.31d .058 Wir, 2-13

Pin, Cotter, Hair, 0.38d .072 Wir, 2-69
Pin, Cotter, Hair, 0.62d .120 Wir, 2-53
Pin, Cotter, Hair, 1.00d .178 Wir, 2-5, 2-59, 3-13
Pin, Cotter, Hair, Dbl, 2-5, 3-13
Pin, Dowel [Ku], 6-3
Pin, Dowel, Cyl Block [1pk=4], 2-21
Pin, Dowel, Pump, Hyd, 4-7
Pin, Eng [Ku], 6-3
Pin, Grvd, 0.43d 01.8l [303ss], 2-75, 3-9
Pin, Hitch, .375d X 3.12l, Pl, 3-7, 3-9, 3-59
Pin, Joint, 5-27
Pin, Joint, Inj [Ku], 6-25
Pin, Lift, Drain, 2-93
Pin, Locking, Steering, Tilt, 2-15
Pin, Pipe, 5-3
Pin, Piston, 5-17
Pin, Piston [Ku], 6-17
Pin, Roll, .125 D X 0.75l, .125/.129, 2-59
Pin, Roll, .187d X 1.62l, .187/.192, 2-5, 2-59, 3-13
Pin, Spring, 5-29
Pin, Spring [Ku], 6-12, 6-27
Pin, Start Spring, 5-3
Pin, Start, Spring, 6-3
Pin, Straight, 5-3
Pin, Straight [Ku], 6-3
Pin, Tappet [Ku], 6-25
Pin, Tappet Guide, 5-27
Pin, Valve, Steering, 4-25
Pipe, Breather [Ku], 5-11, 6-11
Pipe, Clip [Ku], 6-20
Pipe, Drain, 5-21
Pipe, Fltr, Oil [Ku], 2-21
Pipe, Fuel, Overflow [Ku], 6-20
Pipe, Injection 1, 5-23
Pipe, Injection 2, 5-23
Pipe, Injection 3, 5-23
Pipe, Injection 4, 5-23
Pipe, Injector, # 4, 6-20
Pipe, Over Flow, 5-23
Pipe, Overflow, 6-20
Pipe, Water, 5-10, 6-10
Pipe, Water [Kubota], 6-8
Pipe, Water, Return, 6-29
Piston, 5-17
Piston 05, 5-17
Piston, Eng [Ku], 6-17
Piston, Pump, Hyd, Gear, 4-5
Piston, Ring Assy [Ku], 6-17
Pivot Wldt, Brush, Side, 3-11
Plate, 5-27, 6-25
Plate Assy, Orifice, 0.0105ld, Green, 4-32
Plate Wldt, Arm, Stop, 2-53
Plate Wldt, Hose, Vacuum, 2-97, 2-99
Plate Wldt, Lift, Sqge, 2-73
Plate Wldt, Mtg, 3-37
Plate Wldt, Mtg, Fan, 2-99
Plate Wldt, Mtg, Solenoid, 2-59
Plate Wldt, Retainer, Sqge, 3-9
Plate Wldt, Seat, 2-13
Plate Wldt, Shkr, Side, 2-57
Plate Wldt, Wrap, Brush, 2-69
Plate, Backing, Brake, 2-47
Plate, Bottom, Hpr, 2-61, 2-63
Plate, Cam, 4-7
Plate, Cntrl, Spd [Ku], 6-27
Plate, Cover, 4-7

Plate, Guard, Fan Shrd, Dsl, 2-35
Plate, Guard, Fan, Shrd, Dsl, Replmt, 2-35
Plate, Handle, 2-65, 2-67
Plate, Hsng [FaST], 3-19
Plate, Inspection, 3-37
Plate, Label, Soltn Tank (ec-H20 only), 2-87
Plate, Mtg, 3-59
Plate, Mtg, Latch, 2-87
Plate, Mtg, Light, 2-11
Plate, Mtg, Prop Rod, 2-93
Plate, Mtg, Pump, 3-37, 3-57
Plate, Mtg, Seal, 2-17, 2-35
Plate, Mtg, Skirt, Scb Head (Replaced by None), 2-71
Plate, Mtg, Vacuum Wand, 3-53
Plate, Mtg, Valve, 3-25, 3-33, 3-43
Plate, Orifice, 0.070ld, 3-19
Plate, Orifice, 0.093ld, 3-19
Plate, Pin, Clevis, Upper, 2-53
Plate, Retainer, Door, Dump, 2-61, 2-63
Plate, Seal, Sound, 2-19
Plate, Shkr, 2-57
Plate, Shkr, Bar, 2-57
Plate, Shield, Heat, Dsl, Replmt, 2-33
Plate, Skirt, Front, 2-71
Plate, Spacer, Motor, Hyd [En], 4-9
Plate, Sppt, 2-49
Plate, Sppt, Tank, 2-93
Plate, Stop, Brake, 2-49
Plate, Tank, Bottom, 2-93
Plate, Valve, Motor, Hyd, 4-5
Plate, Valve, Pump, Hyd, 4-7
Plate, Wear, Steering Valve, 4-25
Plug, 4-5, 5-3, 5-5, 5-7
Plug #10, 4-8
Plug #4, 4-8
Plug Assy [Cl], 4-25
Plug Kit, Drain, Recvy, Ci [M20 & T20], 2-93
Plug Orifice, Valve, Hyd, .140, 4-21, 4-23
Plug Wldt, Drive, Brush, 2-65, 2-67
Plug Wldt, Drive, Brush, Sweep, 2-65, 2-67
Plug, Cup, Sealing [Ku], 6-3, 6-5
Plug, Drain, 5-4
Plug, Drain, Expandable, 4.75-6.00, 2-93
Plug, Eng [Ku], 6-3
Plug, Expansion, 5-3
Plug, Gauge, Oil [Ku], 6-4
Plug, Glow, 5-23
Plug, Hole, Rnd, 0.50h .03-.12, Blk Nyl, 2-11
Plug, Hole, Rnd, 0.81h, Blk, 2-7
Plug, Hole, Rnd, 0.88h .03-.12, Blk Nyl, 2-7
Plug, Hole, Rnd, 1.00h .03-.12, Blk Nyl, 2-7
Plug, Hole, Rnd, 2.50h .03-.25, Blk Nyl, 2-7
Plug, Hole, Rt, Rocker Switch, .87 X 1.7, 2-11
Plug, Hole, Soltn Tank, Blk Pyu, 2-87
Plug, Hose, Pyu, 2-89, 2-95
Plug, Oil Filler, 5-10
Plug, Orifice, 0.060, Ss [Fast li+], 4-32
Plug, Orifice, Valve, Hyd, .030, 4-11, 4-21, 4-23

Plug, Orifice, Valve, Hyd, .040, 4-11, 4-13, 4-15, 4-17, 4-21, 4-23
 Plug, Orifice, Valve, Hyd, .046, 4-19, 4-21, 4-23
 Plug, Orifice, Valve, Hyd, .063, 4-19
 Plug, Pump, Hyd, Gear, 4-5
 Plug, Restrictor, 3-43
 Plunger, 3-53, 3-55
 Plunger, Pump, 5-27
 Plunger, Pump, Inj [Ku], 6-25
 Poppet, Pump, Hyd, Gear, 4-5
 Pouch, 3-39
 Pully, Fan, 5-8
 Pump Assy, Column, Es, 4-3
 Pump Assy, Column, Es (See Breakdowns), 3-5
 Pump Kit, Hyd, Rotating [Cessna], 4-7
 Pump Kit, Mtg, Aux, Ci [M20 & T20], 2-119
 Pump, Diaphragm, 4-27
 Pump, Air, Ele, 12vdc, 3-21
 Pump, Detgt, 12vdc, 3-21
 Pump, Detgt, 14vdc, 150ml/Min 20psi, 4-26
 Pump, Detgt, 14vdc, 150ml/Min 20psi (See Breakdowns), 3-3
 Pump, Diaphragm (See Breakdowns), 3-57
 Pump, Fuel, 2-25
 Pump, Hyd, Piston, Var, 1.24 4000, Cw, 4-7
 Pump, Hyd, Piston, Var, 1.24 4000, Cw (See Breakdowns), 2-119
 Pump, Injection [Kubo], 6-23, 6-25
 Pump, Oil, Eng [Ku], 6-7
 Pump, Soltn, 13.7vdc, 65psi [FaST li+], 3-29
 Pump, Soltn, Ele, 12vdc [W/O Chk Valve], 3-19
 Pump, Soltn, Ele, 13.7vdc, 12/28psi, 3-37
 Pump, Water Assy [Ku], 6-8
 Push Rod, 5-15

R

Race Thrust, 4-8
 Race, Brg, Pump, Hyd, 4-7
 Rack, Control, 5-27
 Radiator Kit, Replmt, Ci, 2-35
 Radiator, W/ Hyd Cooler [Side X Side], 2-37, 2-39
 Receptacle, Lamp [Speaker], 2-5
 Relay, 12vdc, 40a, Spdt N/O, 2-25, 2-43, 3-19, 3-57
 Relay, 12vdc, 040a, Spdt No, 2-151, 2-157, 3-29, 3-37
 Reservoir, Hyd, 10.0Gal, Replmt, 2-123
 Resistor, Ele, Plug [430 , 2w], 3-46
 Retainer, 5-21, 6-19
 Retainer, Boot, Steering Column, 2-15
 Retainer, Gear, Starter [Ku], 6-19
 Retainer, Motor, Hyd, 4-5
 Retainer, Ring, Brake, 2-47
 Retainer, Skirt, 2-71
 Retainer, Skirt, Front, 2-71
 Retainer, Spring, 2-73
 Retainer, Spring [Ku], 6-12
 Retainer, Spring, Valve [Ku], 6-12
 Retainer, Sqge, 3-7

Retainer, Sqge, Side, Lh, 2-83
 Retainer, Sqge, Side, Rh, 2-79
 Retainer, Valve Spring, 5-12
 Ring [Ku], 6-17
 Ring, Lock, 4-7
 Ring, Motor, Hyd, 4-5
 Ring, Mtg, Sqge, .50l, 2-75
 Ring, Piston Assy [Ku], 6-17
 Ring, Retainer, Steering Valve, 4-25
 Ring, Retaining, 4-7
 Ring, Retaining, Ext, 0.38d, [E-Ring], 2-75, 2-77, 3-9
 Ring, Retaining, Ext, 0.38d, [Selflock], 2-73
 Ring, Retaining, Ext, 0.50d, Hd, 2-15
 Ring, Retaining, Ext, 0.62d, Hd, 2-77
 Ring, Retaining, Ext, 0.98d, [E-Ring], 2-49
 Ring, Retaining, Ext, 1.00d, Basic, 2-65, 2-67
 Ring, Retaining, Int, 2.00d, 2-53
 Ring, Retaining, Pump, Hyd, 4-7
 Ring, Snap [Ku], 6-13, 6-15
 Ring, Snap, Piston [Ku], 6-17
 Rivet, Blind, .125d X 0.54 X .25d, Alm, 2-87
 Rivet, Plstc, .250d X 0.898, 2-15
 Rivet, Plstc, .250d X 0.90, 3-39, 3-55
 Rod, 2-49
 Rod Assy, Connecting [Ku], 6-17
 Rod Wldt, Arm, Safety, 2-53
 Rod-End, .25-28rh Fem 0.25b [Teflon], 2-51
 Rod-End, .50-20lh Fem 0.50-20stud, 2-69
 Rod-End, .50-20rh Fem 0.50b, 2-69
 Rod-End, .50-20rh Mal 0.50b, 3-11
 Rod, Push [Ku], 6-21
 Rod, Push, Valve [Ku], 6-15
 Rod, Thrd, 2 End, .50-20 04.9l, Rh / Lh, 2-69
 Roller, 5-21
 Roller, Brg, 2-89, 2-95

S

Screen Kit, Hpr, Replmt [M20], 2-55
 Screen Wldt, Hpr, 2-55
 Screen, Pump, 3-5
 Screen, Vacuum, 2-93
 Screw, 4-8, 5-7, 5-23, 5-27
 Screw, Adj, Rocker Arm [Ku], 6-12
 Screw, Adj, Stop [Ku], 6-26
 Screw, Adjusting, 5-12
 Screw, Btn, M8 X 1.25 X 16, Ss, 3-13
 Screw, Btn, M8 X 1.25 X 20, Blk, 2-79, 2-83
 Screw, Btn, M8 X 1.25 X 25, Ss, 3-7
 Screw, Cap, 4-7
 Screw, Cap, Motor, Hyd, 4-5
 Screw, Flt [Ku], 6-7
 Screw, Flt, .25-20 X 1.00, Al, 2-97
 Screw, Flt, .38-16 X 1.50, Al, 2-97
 Screw, Flt, M10 X 1.5 X 25, 10.9, 2-79, 2-83
 Screw, Flt, M10 X 1.5 X 30, Ss 18-8, 2-61
 Screw, Flt, M8 X 1.25 X 20, Blk, 2-79, 2-83
 Screw, Flt, M8 X 1.25 X 25, 2-19

Screw, Flt, M8 X 1.25 X 25, 10.9, 2-61
 Screw, Flt, M8 X 1.25 X 30, Ss, 2-89, 2-95
 Screw, Flt, Soc, .25-20 X 1.00, Al, 2-101
 Screw, Follow, 5-27
 Screw, Hex [Ku], 5-31, 6-4, 6-5, 6-7, 6-11, 6-23, 6-25, 6-28
 Screw, Hex, .25-14 X 0.75, Fmg/Ab, Ss, 2-93
 Screw, Hex, .25-20 X 0.75, Ni, 2-101
 Screw, Hex, .25-20 X 1.00, 5, 3-7, 3-9
 Screw, Hex, .25-20 X 1.75, Ss, 2-51
 Screw, Hex, .25-20 X 2.25, Ss, 2-51
 Screw, Hex, .31-18 X 0.75, Sems, 2-29
 Screw, Hex, .31-18 X 1.00, G5, 2-31
 Screw, Hex, .31-18 X 1.50, G5, 2-29
 Screw, Hex, .31-24 X 0.75, Ni, 2-51
 Screw, Hex, .38-16 X 0.75, Ni, 2-65, 2-67, 3-7, 3-9
 Screw, Hex, .38-16 X 0.88, 5, 3-59
 Screw, Hex, .38-16 X 1.00, 5, 2-51
 Screw, Hex, .38-16 X 1.25, 5, 2-119, 3-53
 Screw, Hex, .38-16 X 1.25, G5, 2-51
 Screw, Hex, .38-16 X 1.50, Ss, 3-11
 Screw, Hex, .38-16 X 2.00, Ss, 2-51
 Screw, Hex, .38-16 X 3.00, G5, 2-29, 2-31, 2-41
 Screw, Hex, .50-13 X 1.50, 5, 2-69
 Screw, Hex, .50-13 X 3.00, Ss18-8, 2-77
 Screw, Hex, .75-10 X 3.25, G5, 2-45
 Screw, Hex, .75-10 X 4.00, 5, 2-45
 Screw, Hex, #10-16 X 0.62, Fmg [Ab], 3-57
 Screw, Hex, #10-16 X 0.62, Fmg, [Ab], 2-17
 Screw, Hex, 10-24 X 0.50, Ss, 2-31
 Screw, Hex, Case, Brg, Main [Ku], 6-9
 Screw, Hex, Cshft [Ku], 6-17
 Screw, Hex, Flywheel [Ku], 6-18
 Screw, hex, H6 X 1.00 X 20, 9.8, Sems, 3-61
 Screw, Hex, Head, Cyl [Ku], 6-5
 Screw, Hex, M10 X 1.25 X 25, 8.8, 2-21, 2-37, 2-39
 Screw, Hex, M10 X 1.25 X 35, 8.8, 2-29, 2-31
 Screw, Hex, M10 X 1.5 X 110, 8.8, 2-21
 Screw, Hex, M10 X 1.5 X 16, 8.8, 2-15
 Screw, Hex, M10 X 1.5 X 20, Ss, 2-57, 2-61, 2-63
 Screw, Hex, M10 X 1.5 X 25, 8.8, 2-5, 2-7, 2-21, 2-29, 2-121
 Screw, Hex, M10 X 1.5 X 25, Ss, 2-53, 2-59, 2-69, 2-81, 2-85
 Screw, Hex, M10 X 1.5 X 30, 8.8, 3-51
 Screw, Hex, M10 X 1.5 X 30, Ss, 2-5, 2-61, 2-63, 2-73, 3-13
 Screw, Hex, M10 X 1.5 X 35, 8.8, 2-21, 2-27, 3-59
 Screw, Hex, M10 X 1.5 X 40, 8.8, 2-101
 Screw, Hex, M10 X 1.5 X 45, 8.8, 3-59
 Screw, Hex, M10 X 1.5 X 80, 8.8, 3-59
 Screw, Hex, M10 X 1.50 X 25, 8.8, 2-31, 2-37, 2-39
 Screw, Hex, M10 X 1.50 X 40, 8.8, 2-37, 2-39
 Screw, Hex, M10 X 1.50 X 60, 8.8, 2-57
 Screw, Hex, M12 X 1.75 X 30, 8.8, 3-11
 Screw, Hex, M12 X 1.75 X 30, Ss, 2-59

CROSS REFERENCE

Screw, Hex, M12 X 1.75 X 40, 8.8, 2-47, 2-69
 Screw, Hex, M12 X 1.75 X 55, Ss, 2-81, 2-85
 Screw, Hex, M12 X 1.75 X 60, 8.8, 2-21
 Screw, Hex, M16 X 2.0 X 90, 8.8, 2-17
 Screw, Hex, M4 X 0.7 X 10, Fmg, 2-53
 Screw, Hex, M4 X 0.7 X 12, 8.8, 3-21
 Screw, Hex, M4 X 0.70 X 12, 8.8, 3-37
 Screw, Hex, M4 X 0.70 X 50, Ss, 4-29
 Screw, Hex, M5 X 0.8 X 10, Fmg, 2-69
 Screw, Hex, M5 X 0.8 X 12, Ss, 3-13
 Screw, Hex, M5 X 0.8 X 16, Fmg, 3-53, 3-59
 Screw, Hex, M5 X 0.8 X 20, 8.8, 2-13, 2-51, 2-53
 Screw, Hex, M5 X 0.80 X 10, Fmg, 3-37
 Screw, Hex, M5 X 0.80 X 16, Fmg, 3-55
 Screw, Hex, M5 X 0.80 X 16, Ss, 2-49, 3-61
 Screw, Hex, M5 X 0.80 X 20, 8.8, 3-37
 Screw, Hex, M6 X 1.0 X 12, Fmg, 2-5, 2-35, 2-121
 Screw, Hex, M6 X 1.0 X 16, 8.8, 2-17, 2-25, 2-29, 2-35, 2-49
 Screw, Hex, M6 X 1.0 X 16, Fmg, 2-49, 2-51, 2-59, 2-71, 3-3, 3-19, 3-21
 Screw, Hex, M6 X 1.0 X 16, Ss, 2-57
 Screw, Hex, M6 X 1.0 X 20, 8.8, 2-13, 2-25, 2-27, 2-29
 Screw, Hex, M6 X 1.0 X 20, 9.8, Sems, 2-53
 Screw, Hex, M6 X 1.0 X 20, Ss, 2-33, 2-61, 2-63, 2-91, 2-93
 Screw, Hex, M6 X 1.0 X 25, 8.8, 2-59
 Screw, Hex, M6 X 1.0 X 25, Ss, 2-81, 2-85
 Screw, Hex, M6 X 1.0 X 35, Ss, 2-71
 Screw, Hex, M6 X 1.0 X 40, 8.8, 2-25
 Screw, Hex, M6 X 1.0 X 55, Ss, 2-93
 Screw, Hex, M6 X 1.0 X 60, 8.8, 2-29, 2-49
 Screw, Hex, M6 X 1.00 X 12, Ss, 2-87, 3-37
 Screw, Hex, M6 X 1.00 X 16, 8.8, 2-7
 Screw, Hex, M6 X 1.00 X 16, Ss, 3-29
 Screw, Hex, M6 X 1.00 X 20, 8.8, 2-31
 Screw, Hex, M6 X 1.00 X 20, 9.8, Sems, 2-15, 2-17, 2-25, 2-35, 2-37, 2-39, 3-37
 Screw, Hex, M6 X 1.00 X 20, Ss, 2-81, 2-85
 Screw, Hex, M6 X 1.00 X 25, 9.8 Sems, 2-11, 2-37, 2-39
 Screw, Hex, M6 X 1.00 X 25, 9.8, Sems, 2-25
 Screw, Hex, M6 X 1.00 X 25, Ss, 2-93
 Screw, Hex, M6 X 1.00 X 35, Ss, 3-37
 Screw, Hex, M8 X 1.25 X 110, Ss, 2-75, 3-15
 Screw, Hex, M8 X 1.25 X 120, 8.8, Fl, 2-125
 Screw, Hex, M8 X 1.25 X 130, 8.8, 2-65, 2-67
 Screw, Hex, M8 X 1.25 X 16, 8.8, 2-93, 3-11
 Screw, Hex, M8 X 1.25 X 16, Ss, 2-65, 2-67, 2-89, 2-95

Screw, Hex, M8 X 1.25 X 20, 8.8, 2-7, 2-13, 2-17, 2-19, 2-25, 2-33, 2-35, 2-37, 2-41, 2-45, 2-49, 2-97
 Screw, Hex, M8 X 1.25 X 20, Ss, 2-7, 2-13, 2-19, 2-27, 2-35, 2-57, 2-65, 2-67, 2-69, 2-71, 2-81, 2-85, 2-87, 2-89, 2-93, 2-95, 2-97, 2-99, 2-125, 2-127, 3-3, 3-5, 3-21, 3-29, 3-37, 3-47, 3-49, 3-57
 Screw, Hex, M8 X 1.25 X 20, Ss, Sems, 2-39
 Screw, Hex, M8 X 1.25 X 25, 8.8, 2-5, 2-7, 2-21, 2-23, 2-29, 2-31, 2-35, 2-57, 2-89, 2-95, 2-99, 2-121
 Screw, Hex, M8 X 1.25 X 25, 9.8, Sems, 2-5, 2-37, 2-39, 2-43, 2-59, 2-93, 2-101
 Screw, Hex, M8 X 1.25 X 25, Fmg, 2-71, 3-21, 3-25, 3-33, 3-43
 Screw, Hex, M8 X 1.25 X 25, Ss, 2-51, 2-55, 2-61, 2-63, 2-65, 2-67, 2-71, 2-73, 2-87, 2-99, 3-7, 3-11, 3-15
 Screw, Hex, M8 X 1.25 X 30, 8.8, 2-21, 2-29, 2-31, 2-89, 2-95
 Screw, Hex, M8 X 1.25 X 30, 9.8, Sems, 2-123
 Screw, Hex, M8 X 1.25 X 30, Ss, 2-99
 Screw, Hex, M8 X 1.25 X 35, 8.8, 2-49, 2-89, 2-95
 Screw, Hex, M8 X 1.25 X 35, 9.8, Sems, 2-37, 2-39
 Screw, Hex, M8 X 1.25 X 35, Fl, Ss, 2-99
 Screw, Hex, M8 X 1.25 X 35, Ss, Fl, 2-73
 Screw, Hex, M8 X 1.25 X 40, Ss, NI, 2-51
 Screw, Hex, M8 X 1.25 X 45, Ss, 2-33, 2-77
 Screw, Hex, M8 X 1.25 X 50, 8.8, 2-51
 Screw, Hex, M8 X 1.25 X 50, Ss, Fl, 2-71
 Screw, Hex, M8 X 1.25 X 60, 8.8, 2-57, 2-73
 Screw, Hex, M8 X 1.25 X 60, 8.8, Fl, 2-7
 Screw, Hex, M8 X 1.25 X 60, Fl, 2-69
 Screw, Hex, M8 X 1.25 X 70, 8.8, 2-49
 Screw, Hex, M8 X 1.25 X 90, 8.8, 2-77
 Screw, Hex, W/ Washer [Ku], 6-10
 Screw, Motor, Hyd [En], 4-9
 Screw, Mtg [Ehpr98], 4-17, 4-23
 Screw, Pan, 5-10
 Screw, Pan, #12-16 X 0.50, F/ Plstc, 2-93
 Screw, Pan, 12-16 X 0.50, F/ Plstc (ec-H20 only), 2-87
 Screw, Pan, M3 X 0.5 X 20, 4.8, 2-57
 Screw, Pan, M4 X 0.7 X 10, Ss, 2-79, 2-83
 Screw, Pan, M4 X 0.7 X 16, 4.8, 2-19
 Screw, Pan, M4 X 0.7 X 16, Ss, 2-19, 3-3
 Screw, Pan, M4 X 0.7 X 20, 4.8, 2-59
 Screw, Pan, M4 X 0.7 X 20, Ss, 2-59
 Screw, Pan, M4 X 0.7 X 25, 4.8, 2-13
 Screw, Pan, M4 X 0.7 X 35, Ss, 2-51
 Screw, Pan, M4 X 0.70 X 16, 4.8, 2-35
 Screw, Pan, M5 X 0.8 X 12, Ss, 2-13, 2-19, 2-57, 2-91, 3-19, 3-25
 Screw, Pan, M5 X 0.8 X 40, Ss, 2-65, 2-67, 3-19
 Screw, Pan, M5 X 0.80 X 45, 4.8, 3-57
 Screw, Pan, M6 X 1.0 X 16, Ss, 2-73
 Screw, Pan, M8 X 1.25 X 25, Blk, 2-7, 2-11, 2-13, 2-15, 2-19

Screw, Pan, M8 X 1.25 X 25, Ss, 2-5
 Screw, Pan, Phl, 06-20 X 0.50, Fmg/Ab, 2-19, 2-87
 Screw, Pan, Phl, 12-16 X 0.50, F/ Plstc, 2-87
 Screw, Pan, Phl, M4 X 0.70 X 20, Ss, 3-37
 Screw, Pan, Phl, M5 X 0.80 X 12, Ss, 3-29, 3-33
 Screw, Pan, Phl, M5 X 0.80 X 16, Tcut,Ss, 4-29
 Screw, Pan, Phl, M5 X 0.80 X 20, Ss, 3-43, 3-47, 3-49
 Screw, Pan, Phl, M6 X 1.00 X 35, Ss, 2-3
 Screw, Pump, Injection [Ku], 6-25
 Screw, Rod, Connecting [Ku], 6-17
 Screw, Set, 5-12, 5-13, 5-15
 Screw, Set [Ku], 6-13, 6-15
 Screw, Set, #10-24 X 0.25, NI, 2-57
 Screw, Soc, #25-20 X 0.75, Al, 2-15
 Screw, Soc, #50-13 X 1.50, Al, 2-45
 Screw, Soc, M16 X 2.0 X 50, 12.9, 2-45
 Screw, Soc, M6 X 1.00 X 16, 12.9, 2-21, 2-29, 2-31
 Screw, Soc, M8 X 1.25 X 25, 12.9, 2-81, 2-85
 Screw, Soc, M8 X 1.25 X 35, 12.9, 2-81, 2-85
 Screw, Valve, Steering, 4-25
 Screw, W / Washer, 6-20
 Screw, With Washer, 5-23
 Screw, Hex, M5 X 0.80 X 29, 8.8, 3-61
 Scrub Kit, Conversion M20/T20/M30, 2-69
 Seal Kit, Cartridge, 2-127, 4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Seal Kit, Motor [Cl], 3-9, 4-9
 Seal Kit, Pump, Hyd, 4-7
 Seal Kit, Steering [Cl], 4-25
 Seal Kit, Valve [Ehpr98], 4-17, 4-23
 Seal Replmt Kit, 4-8
 Seal, Sponge, 0.88 1.00W 43.0L, 2-17
 Seal, Afmkt, Bulb, 90, 0.50d, 02ft, 2-13
 Seal, Afmkt, Bulb, 90, 0.75d F/11ga 02ft, 2-13, 2-19
 Seal, Afmkt, Bulb, 90, 0.75d F/11ga 08ft, 2-7
 Seal, Afmkt, Bulb, Str, 1.0d F/11ga 08ft, 2-17
 Seal, Afmkt, Ure, Adh, 0.38, 0.75w 02ft, 2-7
 Seal, Afmkt, Ure, Adh, 0.38, 0.75w 08ft (Replaced By none), 2-57
 Seal, Bulb, Str, .50Hi .50W 047.2L, Adh, 2-87
 Seal, Bulb, Str, 0.38h .75w Adh, 52 L, 2-39
 Seal, Door, Dump, 2-61, 2-63
 Seal, Door, Dump, Side, 2-61
 Seal, Drive, Rear, Grease Cav, 2-45
 Seal, Foam, 0.50, 2-7
 Seal, Heat, 5-23
 Seal, Heat [Ku], 6-20
 Seal, Mechanical Assy [Ku], 6-8
 Seal, Oil, 5-7, 5-9, 5-29
 Seal, Oil [Ku], 6-27
 Seal, Oil, Front [Ku], 6-7
 Seal, Oil, Rear [Ku], 6-9
 Seal, Org, 2-21, 5-10, 6-7, 6-10, 6-19
 Seal, Org [Ku], 6-4, 6-7, 6-25
 Seal, Org, .069 X 3.06id, 2-119

- Seal, Org, .072 X 00.35id #04, 4-11, 4-19, 4-21, 4-23
 Seal, Org, .078 X 00.47id #06, 4-11, 4-13, 4-19, 4-21, 4-23
 Seal, Org, .078 X 00.47id 06, 4-15, 4-17
 Seal, Org, .087 X 00.64id #08, 4-19
 Seal, Panl, Instmt, 2-7
 Seal, Plug, Drain, Nitrile, 2-93
 Seal, Radiator, 2-35
 Seal, Rbr, Clsd, .13, .38w 72.0l, Adh, 2-39
 Seal, Rbr, Clsd, 0.13, Instmt Panl, 2-11
 Seal, Shaft, Drain Plug, 2-93
 Seal, Stem, Valve [Ku], 6-12
 Seal, Ure, 0.38 0.75w 13.2l Adh, 2-101
 Seal, Ure, 0.38 0.75w 33.0l Adh, 2-101
 Seal, Valve Stem, 5-12
 Seal, Wire, 14/16ga [Wp / Mp280 Sealed], 4-27
 Seat, 4-31
 Seat (See Breakdowns), 2-13
 Seat, Spring Lower, 5-27
 Seat, Spring Upper, 5-27
 Seat, Spring, Lower, Injector [Ku], 6-25
 Seat, Spring, Upper, Injector [Ku], 6-25
 Seat, Suspension, W/1 Arm And Belt, 2-13
 Seat, Valve, 5-7
 Seatbelt, 4-31
 Seatbelt, Retractable [Deluxe Seat], 2-13
 Send-Unit, Fuel, 2-23
 Send-Unit, Fuel [2007], 2-23
 Send-Unit, Water, Temp, 04npt 113oh/195d, 2-123
 Sensor Kit, Repair [Thermo-Sentry, M20], 2-57
 Sensor, Level, Liq, 14vdc 01a .62-11, 2-87, 2-93, 3-5
 Sensor, Spd / Dir, 6-30vdc, 2-51
 Shaft Wldt, Brake, 2-49
 Shaft Wldt, Pedal, Brake, 2-49
 Shaft, Brush, Idler, 2-65, 2-67
 Shaft, Fork Lever, 5-30
 Shaft, Governor [Ku], 6-13
 Shaft, Governor Weight, 5-13
 Shaft, Governor, Weight [Ku], 6-13
 Shaft, Govnr, 6-13
 Shaft, Govnr [Ku], 6-13
 Shaft, Idle Gear 1, 5-15
 Shaft, Idler, Gear [Ku], 6-15
 Shaft, Lever, Spd [Ku], 6-27
 Shaft, Motor, Hyd, 4-5
 Shaft, Mtg, Sheave, Dsl, 2-29
 Shaft, Output, 4-8
 Shaft, Output, Motor, Hyd [En], 4-9
 Shaft, Pump, 4-7
 Shaft, Pump, Water, 4-3
 Shaft, Rocker, Arm [Ku], 6-12
 Shaft, Stop Lever, 5-29
 Shaker Wldt, 2-57
 Sheave, 01grv, 02.6pd 0.63b [Hc41], 2-29
 Sheave, 01grv, 04.1pd 1.6b [Xl], 2-29
 Sheave, 01grv, Rwk 393400 [3v], 2-29
 Sheave, Cshft [Ku], 6-17
 Sheave, Fan [Ku], 6-8
 Shield, Breather, 5-10, 6-10
 Shield, Heat, Dsl, 2-33
 Shim, 5-27, 6-23
 Shim Kit, 4-7
 Shim, Injection Pump 0.20 mm, 5-25
 Shim, Injection Pump 0.25 mm, 5-25
 Shim, Injection Pump 0.30 mm, 5-25
 Shim, Pump, Injection, 6-23
 Shim, Tappet, Injection [Ku], 6-25
 Shim, Washer, 0.88d 0.51b .020, 2-97
 Shim, Washer, 0.88d 0.51b .060, 2-97
 Shock Absorber, 2.3 Strk, 2-51
 Shoe, Brake, 180 X 30mm, 2-47
 Shoe, Plstc, Sqge, 14.0, 3-53, 3-55
 Shrd Wldt, Fan, Dsl, Replmt [Ce], 2-37
 Shroud Assy, Eng, 2-19
 Shroud Wldt, Fan, Dsl, 2-37
 Shroud Wldt, Fan, Eng, Dsl, 2-39
 Shroud, Fan, 2-39
 Shroud, Front, Trimmed, 2-17
 Shroud, Seat, 2-13
 Skirt, Debris, Eng Radiator, 2-35
 Skirt, Fan, Eng, Dsl, 2-37, 2-39
 Skirt, Neo, .06, 06.38w 40.86l, 06 Hole, 1-1, 2-71
 Skirt, Neo, .06, 06.85w 27.95l, 08 Hole, 1-1, 2-79, 2-83
 Skirt, Neo, .06, 07.63w 51.52l, 11 Hole, 2-71
 Skirt, Neo, .06, 12.00w 45.88l, 07 Hole, 1-1, 2-71
 Skirt, Neo, .06, 26.99w 40.55l, 36 Hole, 2-71
 Skirt, Neo, .12, 05.39w 14.01l, 02 Sl, 2-71
 Skirt, Neo, .18, 10.37w 27.95l, 12 H&S, 1-1, 2-79, 2-83
 Skirt, Rbr, .37, 04.50w 40.94l, 06 Hole, 1-1, 2-71
 Sleeve, 0.31b 0.50d 0.3l, Ss, 2-81, 2-85, 2-93
 Sleeve, 0.49b 0.68d 1.2l [304ss], 2-81, 2-85
 Sleeve, Cntrl, Pump, Injection [Ku], 6-25
 Sleeve, Control, 5-27
 Sleeve, Crankshaft, 5-17
 Sleeve, Dashpo, Pump, Hyd, Gear, 4-5
 Sleeve, Governor, 5-13
 Sleeve, Govnr [Ku], 6-13
 Sleeve, Nyl, #37 05.0l, 2-45
 Sleeve, Nyl, 2.38id 25.0l, 2-45
 Sleeve, P/M, 0.31b 0.50d 0.3l [430ss], 2-89, 2-95
 Sleeve, P/M, 0.31b 0.50d 0.7l [430ss], 2-75, 2-89, 2-95
 Sleeve, P/M, 0.31b 0.50d 0.9l [430ss], 2-33, 2-65, 2-67
 Sleeve, P/M, 0.34b 0.63d 0.6l, Bnz, 2-77
 Sleeve, P/M, 0.34b 0.63d 1.2l, Bnz, 2-75
 Sleeve, P/M, 0.37b 0.50d 0.6l [430ss], 3-11
 Sleeve, P/M, 0.47b 0.75d 0.5l [430ss], 2-69
 Sleeve, Pump, Water, 4-3
 Sleeve, Rbr, 3.50b 3.58d 1.8l, 3-5
 Solenoid, #10, 12vdc, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Solenoid, #8, 12vdc, 4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Solenoid, 12v, Valve, Hyd [Cec], 4-10
 Solenoid, Pull, 12vdc, Damper, 2-59
 Spacer, 3-7, 3-9
 Spacer [Ku], 6-21
 Spacer Plate, 4-8
 Spacer, Coil, #8, 4-11, 4-21, 4-23
 Spacer, Fan, 2-31
 Spacer, Fan, Dsl [M20/T20], 2-29, 2-31
 Spacer, Hub, Keyed, 3-7, 3-9
 Spacer, Pad, Rbr, 2-73
 Spacer, Plstc, Ny, 2-13
 Spacer, Sqge, Side Brush, Rbr, 3-9
 Spacer, Valve, Steering, 4-25
 Spool, Pilot, Dual, Hyd, 4-21, 4-23
 Spool, Pilot, Hyd, 4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Spring, 4-5, 5-7, 5-21, 6-19
 Spring Kit, Scu [Cl], 4-25
 Spring, Brush, 5-21, 6-19
 Spring, Cmpr, 0.90d .042wir 02.0l, 2-75
 Spring, Cmpr, 18.8d, 1.6w, 57.1l, 2-15
 Spring, Cmpr, Plunger [Ku], 6-25
 Spring, Cmpr, Relief [Ku], 6-7
 Spring, Cmpr, Rocker [Ku], 6-12
 Spring, Cmpr, Valve, Injector [Ku], 6-25
 Spring, Delivery Valve, 5-27
 Spring, Dsl, 1.00d 0.50id 1.7l, 2-77
 Spring, Ext [Ku], 6-19
 Spring, Extn, 0.75od X 0.09wir, 2.5l, 2-81, 2-85
 Spring, Extn, 0.75od X 0.12wir, 4.3l, 2-51
 Spring, Extn, 0.88od X 0.14wir, 9.0l, 2-73
 Spring, Extn, 2.00od 0.25wir 07.5l, 2-69
 Spring, Flat, Retainer, Angled Screen, 2-55
 Spring, Flt, 0.08th, 4.50w X 07.0l, 2-73
 Spring, Governor, 5-30
 Spring, Governor [Ku], 6-28
 Spring, Keeper, 2-77
 Spring, Motor, Hyd, 4-5
 Spring, Plunger, 5-27
 Spring, Return, 5-29
 Spring, Rocker Arm, 5-12
 Spring, Start, 5-30
 Spring, Start [Ku], 6-28
 Spring, Tors [Ku], 6-27
 Spring, Tors, 0.75id .06wir 02.8coil, 2-49
 Spring, Tors, 1.13id .12wir 02.3coil Rh, 2-49
 Spring, Valve, 5-12
 Spring, Valve [Ku], 6-12
 Spring, Wir, 0.08d, Brake, Parking, 2-49
 Spring, Wir, 0.16d, Brush Retaining, 2-3
 Spring, Wir, 0.25d, Return, Brake, 2-47
 Squeegee Assy, Sba, Linatex, 1-1, 3-7
 Squeegee Assy, Sba, Ure, 1-1, 3-7
 Squeegee Kit, Rear, Replmt [M20/T20], 2-75
 Squeegee Wldt, Rear, 2-75
 Starter, 12vdc [Kubota], 6-19
 Steer-Control, Hyd#05, 06.1 2030 (See Breakdowns), 2-15
 Steer-Control, Hyd05, 06.1 2030, 4-25
 Stem, Valve, Hyd, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Stem, Valve, Hyd [4w2p], 4-15, 4-17, 4-21, 4-23
 Stem, Valve, Hyd, 4w2p, 4-11, 4-13, 4-19
 Stop, Rotation, 2-77
 Stopper, 5-13
 Stopper, Cam [Ku], 6-15
 Stopper, Camshaft, 5-15
 Stopper, Fuel [Ku], 6-13

CROSS REFERENCE

Strainer, Hyd, 25gpm 100mesh Psi, 2-123
 Strainer, Hyd, 25 Gpm 100 Mesh, 1-1
 Strainer, Soltn, 20 Mesh, Cyl 3.5d 9.5l, 3-5
 Strap, Door, Dump, 2-61, 2-63
 Strap, Door, Dump, Side, 2-61
 Strap, Mtg, Motor, .124.00W, 2-57
 Strap, Pyp, 0.07 1.0w 18.5l, W/ Buckle, 3-53
 Strap, Rbr, Tie-Down, 2/Hooks 19.0l, 2-43
 Strap, Retaining, Hose, 2-89, 2-95
 Strap, Sppt, 2-51
 Strap, Static, Afmkt, 2-71
 Strap, Tank, Gas, 2-23
 Strip Mtg, Seal, 2-17
 Strip, Flap, Recirculation, 2-71
 Strip, Non-Slip, 0.50w 06.0l, 2-75
 Strip, Rbr, 0.06 01.00W 04.0L, 2-57
 Strip, Rbr, 0.06 03.54w 03.5l [Neo/60], 3-37
 Strip, Rbr, 0.06 04.00w 05.0l Neo/60, 2-57
 Stud, 5-7, 5-11, 5-12, 5-25, 5-29, 5-31
 Stud [Ku], 6-7, 6-11, 6-12, 6-23, 6-27
 Stud, .31-18 2.75l M8 X 1.25, Ss, 2-75
 Stud, Ball, .39d .31-16, Gasspring, 2-13
 Stud, Wheel, .50-20 X 1.50l, 0.370th, 2-45
 Switch Assy, Press, 3.0, 17.5l Tube, 3-5
 Switch Kit, Pump, Repair,, 4-27
 Switch, Ignition [Ku], 2-11
 Switch, Magneto [Ku], 6-19
 Switch, Press, 10psi, Spst, 3-19
 Switch, Press, 50 Psi, Pm02, 3-39
 Switch, Press, Adj [4-16 In Wtr], 2-59
 Switch, Press, Dpdt 0006psi, 2-21
 Switch, Press, hyd, 18-24psi, Spst, No, 2-123
 Switch, Press, Spdt 0008psi, 2-59
 Switch, Rocker, Dpdt Mom/Off/Mom, 2-11
 Switch, Rocker, Dpdt On/None/On, 3-57
 Switch, Rocker, Dpdt On/Off/On, 2-11
 Switch, Rocker, Spst, Mom, 3-37
 Switch, Seat, 4-31
 Switch, Seat, No [Delta 6440-04], 2-13
 Switch, Snap, 15A Nc, Rlr, 2-49
 Switch, Snap, 15a No, Rlr, 2-53
 Switch, Temp [160F], 2-57
 Switch, Temp, Sealed, Nc, 2-57
 Switch, Thermostat, Water, 2-21

T

Tank Kit, Soltn, W/ Bracket, Replmt, 2-87
 Tank, Coolant, 03.30w 4.7hi 04.7l, 1liter, 2-41
 Tank, Coolant, 03.6W 04.1HI 05.5L, 1Liter, 2-41
 Tank, Coolant, 04.7 03.3 4.7deep, 1liter, 2-35
 Tank, Detgt, Trimmed, 3-5
 Tank, Fuel, 11.2gal, Dsl, Replmt, 2-23
 Tank, Fuel, 11.2gal, Dsl, Replmt [2007], 2-23
 Tank, Fuel, 11.2gal, Dsl, Replmt, Ce[08], 2-23
 Tank, Recvy, Trimmed, 2-93
 Tank, Soltn, W/ Label [M20], 2-87

Tape, Warning, Left, Blk/Yel [33Mtr], 2-159
 Tape, Warning, Rh, Blk/Yel [33Mtr], 2-159
 Tappet, 5-15
 Tappet [Ku], 6-15
 Tappet, Pump, Injection [Ku], 6-25
 Terminal, Bullet, Mal, .157d, 12ga, 3-49
 Terminal, Fem, Mp280, Sealed, 18-16ga, 4-27
 Terminal, Tab, .25 .19h .84l, 2-21
 Thermostat, 180deg, 1.7d [Ku], 5-31, 6-29
 Thrust Bearing, 4-8
 Tie, Cable, 11.3l, 2.75d Max, 3-19
 Tie, Cable, Nyl, 07.3l .19w 1.8 Max D, 2-11, 2-25, 2-35, 2-37, 2-39, 2-41, 2-45, 2-67, 3-19, 3-39
 Tie, Cable, Nyl, 14.5l .30w 4.0 Max D, 4-29
 Tie, Cable, Nyl, 15.3l . W 4.5 Max D, 2-35, 3-19, 3-25, 3-33
 Tie, Cable, Nyl, 15.3L . W 4.5 Max D, 2-57
 Timer, 12vdc, 10 Sec, 2-25
 Tire Assy, Solid, 16.0x3.5 2.43b, 1-1
 Tire Assy, Solid, 18.0x6.0 4.5bc/5bolt, 1-1
 Tire, Drive, Scrbr, Non-Skid, 18.0X6.0, 2-45
 Tire, Drive, Scrbr, Pu, Grey, 18.0X6.0 (Optional Polyurethane), 2-45
 Tire, Idler, Scrbr, Blk, 16.0X3.5, 2-47
 Tire, Idler, Scrbr, Non-Skid, 16.0x3.5 (Included in Kit 363174) (Optional), 2-47
 Tire, Idler, Scrbr, Pu, Grey, 16.0X3.5 (Optional Polyurethane), 2-47
 Tower, Wldt, Lift, Lh, Replmt [M20], 2-5
 Tower, Wldt, Lift, Rh, Replmt [M20], 2-5
 Track Assy, Slide, 4-31
 Tray Wldt, Drip, Dsl, 2-25
 Tray Wldt, Drip, Fuel, 2-25
 Tray Wldt, Fuel, 2-23
 Tray Wldt, Perma-filter (Replaced By none), 2-57
 Tray, Perma-Filter, 2-57
 Tread, Non-Skid, 01.9w 08.0l, 2-5
 Tread, Non-Skid, 02.2w 11.5l, 3-13
 Tread, Non-Skid, 03.0w 11.6l, 2-5, 2-7, 2-51
 Tube Assy, Plug, Drain, 2-93
 Tube Kit, Hyd, Case Drain [M20/T20], 2-67
 Tube Kit, Tank, Recvy, Replmt, 2-95
 Tube Kit, Tank, Soltn, Replmt, 2-89
 Tube Wldt, Arm, Safety, 2-53
 Tube Wldt, Exhaust, 1.5d, 4 Hole Flng, 2-33
 Tube Wldt, Leg, Ohg, Lh, Pntd, 3-51
 Tube Wldt, Leg, Ohg, Rh, Pntd, 3-51
 Tube Wldt, Plug, Drain, 2-93
 Tube Wldt, Torque, 2-69
 Tube, 0.38id 0.75od 00.3l, Ss, 2-31
 Tube, 0.50d 0.32b 00.4l, Ss, 2-89, 2-95
 Tube, 00.38d 00.26b 00.3l Stil Plt, 2-51
 Tube, 00.50d 00.38b 00.6l Stil, 2-51
 Tube, 2.90id 3.00od 02.4l, Ss, 2-89, 2-95
 Tube, Acrylic, Hose, Pinch, 2-95
 Tube, Breather, 5-10, 6-10
 Tube, Distribution, Water, 2-91
 Tube, Drain, Starter, 6-19
 Tube, Exhaust, 1.5d, 2-33

Tube, Exhaust, Dsl, 2-33
 Tube, Hyd, 08 Jf08/Jf08, 3-15
 Tube, Hyd, 08 Jf08/Jm08, 2-65
 Tube, Hyd, Brush Return, W/ Cd [M20/T20], 2-67
 Tube, Hyd, Main Return, 2-121
 Tube, Hyd, Main Return [G/Lp Mit2013], 2-121
 Tube, Hyd, Rear Sqge [M20], 2-121
 Tube, Hyd, Sqge, 2-121
 Tube, Hyd, Swp, 2-125
 Tube, Injector, Pipe #1 [Ku], 6-20
 Tube, Injector, Pipe #2 [Ku], 6-20
 Tube, Injector, Pipe #32 [Ku], 6-20
 Tube, Pin [Ku], 6-3
 Tube, Pvc, Clr, 4.0l [Shc80], 3-23, 3-25
 Tube, Radiator, Lower, Dsl, 2-35, 2-41
 Tube, Rnd, 1.75d 0.77b 01.1l, Stil, Pntd, 2-45
 Tube, Seat, Valve, Oil [Ku], 6-7
 Tube, Transition, Casting, 2-101
 Tube, Vacuum, 2-59
 Tube, Vinyl, Pump, Water, 4-3
 Tube, Wand, Vacuum, Metal, 3-55
 Tube, Wand, Vacuum, Metal [1pick=1box], 3-53
 Tubing Connctr.Kit, Gorman Pmp, 4-26

U

Upper Hsg Kit, Pump, Repair,, 4-27

V

Valve Assy [Proportional], 4-17, 4-23
 Valve Assy, Relief [Cl], 4-25
 Valve Assy, Water, Solenoid , 12vdc, 2-91
 Valve Assy, Water, Solenoid, 12vdc, 3-13, 3-43
 Valve Kit, Poppet, Gorman Rupp, 4-26
 Valve Stem, N.O.Valve, Hyd, 4-10
 Valve, Breather, Complt, 5-10, 6-10
 Valve, Check, 4-11, 4-13, 4-15, 4-17, 4-19, 4-21, 4-23
 Valve, Check, 0002psi [Fast li+], 4-32
 Valve, Check, 0002psi Bm04/Bm04, 3-21
 Valve, Check, 0005psi [Fast li+], 4-32
 Valve, Check, 0005psi Bm06/Bm08, 3-29
 Valve, Check, 0005psi Pm04/Bm06, 3-39
 Valve, Check, 2gpm .5psi Bm08/Bm08, 3-43
 Valve, Check, Pump, Water, 4-3
 Valve, Cntrl, Hyd, 4-19
 Valve, Cntrl, Hyd (See Breakdowns), 2-125
 Valve, Cntrl, Hyd [M20 And T20], 4-13
 Valve, Cntrl, Hyd [M20 And T20] (See Breakdowns), 3-15
 Valve, Cntrl, Hyd [M20], 4-11
 Valve, Cntrl, Hyd [M20] (See Breakdowns), 2-125
 Valve, Cntrl, Hyd, Solenoid, 03/16gpm, 4-15, 4-17
 Valve, Cntrl, Hyd, Solenoid, 03/16gpm (See Breakdowns), 3-15
 Valve, Cntrl, Hyd, Solenoid, 12vdc 10gpm, 4-23

Valve, Cntrl, Hyd, Solenoid, 12vdc 10gpm
(See Breakdowns), 2-127
Valve, Cntrl, Solenoid, 4-11, 4-21, 4-23
Valve, Delivery, 5-27
Valve, Eng [Delivery, Ku], 6-25
Valve, Exhaust, 5-12
Valve, Exhaust [Ku], 6-12
Valve, Hyd Cartridge 10no/-0, 4-10
Valve, Hyd, Check, Jm08/Om08 5000psi,
3-15
Valve, Hyd, Relief, 4-11
Valve, Hyd, Solenoid 12vdc 3000psi (See
Breakdowns), 3-15
Valve, Hyd, Solenoid, 12vdc, 4-21
Valve, Hyd, Solenoid, 12vdc (See
Breakdowns), 2-127
Valve, Inlet, 5-12
Valve, Intake [Ku], 6-12
Valve, Motor, Hyd, 4-5
Valve, Relief, 4-13, 4-15, 4-17, 4-19, 4-21,
4-23
Valve, Relief, 0600Psi, 2-127
Valve, Relief, 3000 Psi, 4-7
Valve, Relief, 4000 Psi, 4-7
Valve, Shutoff, 3-57
Valve, Solenoid, 12vdc, Water Flow, 3-25,
3-33
Valve, Stem, No, 4-13, 4-15, 4-17, 4-19,
4-21, 4-23
Valve, Vent, Air, Float Type, 3-39
Valve, Water, 12vdc, 6.0mm, 04pf, 3-19
Valve, Water, Solenoid, 12vdc 0.08pf, 3-3
Valve, Water, Solenoid, 12vdc 6.0mm
Pf04, 3-29
Video, Oprtr, Dvd [W/Checklist M20], 3-63
Vr, Pump, Oil, Pickup [Sump, Ku], 5-4

W

Wand Kit, Vacuum, Ci [M20], 3-53, 3-55
Wand, Clean-Out, 3-57
Washer 1, 5-12
Washer 2, 5-12
Washer, Adjusting [Ku], 6-21
Washer, Belleville, .31, 2-51
Washer, Collar, Gear [Ku], 6-15
Washer, Flat [Ku], 6-12, 6-27
Washer, Flat, .781b 1.630d .16, Stil, Blk,
2-45
Washer, Flat, .78b 1.75d .18, Ss, 2-93
Washer, Flat, #06, 2-35, 2-57
Washer, Flat, #08, 2-13
Washer, Flat, #10, 2-13, 2-19, 2-29, 2-43,
2-53, 3-57
Washer, Flat, #10 Ss, 2-51
Washer, Flat, #10, Ss, 3-3, 3-19, 3-25,
3-57, 3-59
Washer, Flat, 0.25 Fender, 2-101
Washer, Flat, 0.25 Fendr, 2-13
Washer, Flat, 0.25 Sae, 2-13, 2-15, 2-57,
2-59
Washer, Flat, 0.25 Std, 2-49, 2-51, 3-19,
3-21
Washer, Flat, 0.25, Fendr, 2-37, 2-39
Washer, Flat, 0.25, Sae, 2-23, 2-27, 2-29,
2-31, 2-33, 2-51, 2-101, 3-37

Washer, Flat, 0.25, Ss, 2-57, 2-61, 2-63,
2-71, 2-91, 2-93
Washer, Flat, 0.25, Std, 2-7, 2-25, 2-29,
2-35, 2-37, 2-39
Washer, Flat, 0.27B 0.69D .05, Ss, 2-3,
2-87, 3-29, 3-37, 3-61
Washer, Flat, 0.31 Sae, 2-7, 2-13, 2-19,
2-51, 2-81, 2-85, 2-87, 2-89, 2-95
Washer, Flat, 0.31 Std, 2-51
Washer, Flat, 0.31, Sae, 2-37
Washer, Flat, 0.31, Ss, 2-27, 2-33, 2-35,
2-57, 2-61, 2-63, 2-71, 2-73, 2-75,
2-77, 2-81, 2-85, 2-89, 2-95, 3-3, 3-7,
3-11
Washer, Flat, 0.31, Std, 2-5, 2-7, 2-13,
2-15, 2-17, 2-21, 2-23, 2-25, 2-29,
2-31, 2-33, 2-35, 2-37, 2-41, 2-45,
2-49, 2-65, 2-67, 2-69, 2-71, 2-89,
2-93, 2-95, 2-121, 2-125, 3-11, 3-13,
3-15, 3-51
Washer, Flat, 0.32b 1.00d .12, Ss, 2-7,
2-13, 2-19, 2-55, 2-61, 2-63, 2-87,
2-89, 2-93, 2-95, 2-97, 2-99, 2-125,
2-127, 3-5, 3-21, 3-29, 3-37, 3-47,
3-49, 3-57
Washer, Flat, 0.34b 0.75d .12 [Viton], 3-19
Washer, Flat, 0.38 Sae, 2-51, 2-69, 2-77,
2-101, 2-119
Washer, Flat, 0.38 Std, 2-5, 2-13, 2-51,
2-59, 2-121, 3-7, 3-9, 3-51, 3-53, 3-59
Washer, Flat, 0.38, Sae, 2-21, 2-27, 2-29,
2-37, 2-39
Washer, Flat, 0.38, Std, 2-29, 2-31, 2-37,
2-39, 2-41
Washer, Flat, 0.38b 0.88d .08, Ss, 2-99
Washer, Flat, 0.38b 1.25d .12, Neo, 2-55,
2-61, 2-63
Washer, Flat, 0.40b 1.12d .12, Ss, 2-101
Washer, Flat, 0.40b 1.12d .12, Ss, 2-35,
2-37, 2-39, 2-57, 2-61, 2-63, 2-77,
2-97, 3-51
Washer, Flat, 0.41b 1.25d .12, Pye, 2-13
Washer, Flat, 0.44b 1.00d .08, Ss, 2-5,
2-53, 2-73, 3-13
Washer, Flat, 0.50 Sae, 2-15, 2-47, 3-11
Washer, Flat, 0.50, Sae, 2-35, 2-59
Washer, Flat, 0.50, Std, 2-21
Washer, Flat, 0.53b 1.88d .12, Stil, Pl, 2-7,
2-21, 2-73, 2-75
Washer, Flat, 0.56b 1.38d .11, Ss, 2-69,
2-73, 2-81, 2-85
Washer, Flat, 0.62 Sae, 2-17
Washer, Flat, 0.66b 1.00d .12, Rbr, 3-3,
3-57
Washer, Flat, 0.69b 1.19d .06, Stil, Pl, 2-77
Washer, Flat, 0.75 Sae, 2-45
Washer, Flat, 0.76b 1.50d .06, Ss, 2-47
Washer, Flat, 0.79b 1.18d .06, Nyl, 2-89,
2-95
Washer, Flat, 0.81b 1.06d .06, Stil, 2-35,
2-37, 2-39
Washer, Flat, 06, 3-55
Washer, Flat, 08, 3-37
Washer, Flat, 08, Ss, 4-29
Washer, Flat, 1.10b 1.50d .12, Stil, Pl, 2-31
Washer, Flat, 1.15b 1.75d .08, Stil, 2-11
Washer, Flat, 1.26b 1.88d .13, Stil, 3-13

Washer, Flat, 1.26B 1.88D .13, Stil, Pl, 2-5,
2-59
Washer, Flat, 1.39b 2.12d .13, Stil, 2-45
Washer, Flat, 10, 2-31, 3-37, 3-47, 3-49
Washer, Flat, 10, Ss, 2-31, 2-49, 3-29,
3-33, 3-43, 3-61
Washer, Flat, 2.16b 3.50d .16, Felt, 2-45
Washer, Flat, Belleville, .25, 2-81, 2-85
Washer, Flat, Belleville, .31, 2-31, 2-89,
2-95, 2-97, 3-11
Washer, Flat, Belleville, .38, 2-73, 2-81,
2-85
Washer, Flat, Belleville, .50, 2-81, 2-85,
2-99
Washer, Flat, Belleville, M10, 2-55
Washer, Flat, M21.0b X 37d X 3, 2-47
Washer, Flat, Pump, Hyd, 4-7
Washer, Lock, Int-Ext, 0.31, 2-71
Washer, Lock, Int-Ext, 10, 2-19
Washer, Lock, Int, #06, 2-57
Washer, Lock, Int, #08, Ss, 2-59
Washer, Lock, Int, #10, Ss, 3-19
Washer, Lock, Int, 0.25, 3-37
Washer, Lock, Int, 0.38, 2-29, 2-31
Washer, Lock, Int, 08, Ss, 4-29
Washer, Lock, Split [Ku], 5-31, 6-7, 6-23,
6-27
Washer, Plain, 5-12, 5-29, 5-30
Washer, Plain [Ku], 6-18, 6-21
Washer, Pump, Hyd [En], 4-7
Washer, Rbr, 4-3
Washer, Sealing, 0.28b 0.75d Ss, Neo,
2-93
Washer, Shaft, Rocker [Ku], 6-12
Washer, Shld, Nyl [8-32], 2-11
Washer, Spring, 5-7, 5-25, 5-29
Washer, Thrust, 5-13
Washer, Thrust [Ku], 6-13
Washer, Thrust, 0.34b 1.50d .06, 2-89,
2-95
Washer, Thrust, 0.61b 1.25d .06, Fgl,
2-77, 2-79, 2-81, 2-83, 2-85, 3-7
Washer, Thrust, 1.00b 1.75d 0.13w, Fbr,
3-11
Weight, Comp, Govnr [Ku], 6-13
Weight, Eccentric, 2-57
Wheel, 06.0D 2.00W 1.19B, Gray Rbr, 2-5,
2-59, 3-13
Wheel, 3.0d 1.38w 0.50b, 1-1, 2-77
Wheel, 4.0d 0.89w 0.64b, 2-75
Wheel, Steering, 14.3d 0.81b 36tooth,
2-15
Wire, 10ga 16.0l Blk .25ring /.38ring, 2-31

Y

Yoke, 6-19

