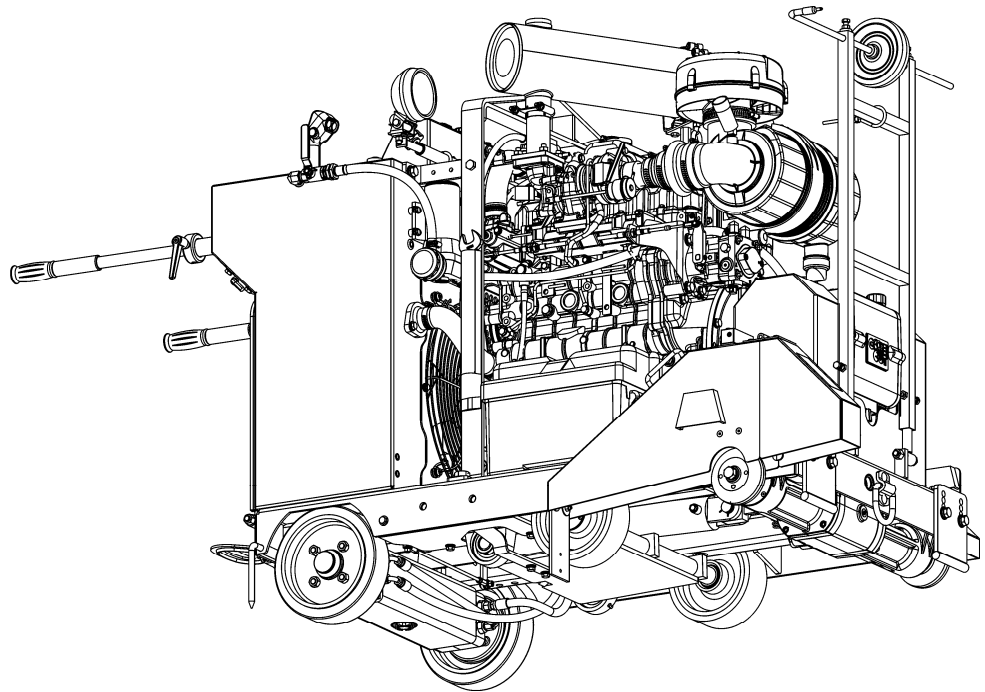


Betriebsanleitung

Fugenschneider

FSD1274★★★ / FSD1274★★★ 3-Gang

Index 001



Wir gratulieren!

Sie haben sich für ein bewährtes TYROLIT-Hydrostress-Gerät und damit für einen technologisch führenden Standard entschieden. Nur Original-TYROLIT-Hydrostress-Ersatzteile gewährleisten Qualität und Austauschbarkeit. Werden die Wartungsarbeiten vernachlässigt oder unsachgemäss ausgeführt, können wir unsere Garantieverpflichtung nicht erfüllen. Sämtliche Reparaturen dürfen nur von ausgebildetem Fachpersonal ausgeführt werden.

Um Ihre TYROLIT-Hydrostress-Geräte in einwandfreiem Zustand zu halten, steht Ihnen unser Kundendienst gerne zur Verfügung.

Wir wünschen Ihnen ein problemloses und störungsfreies Arbeiten.

TYROLIT Hydrostress

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CH-8330 Pfäffikon
Switzerland
Telefon 0041 (0) 44 952 18 18
Telefax 0041 (0) 44 952 18 00

1 Sicherheit



Diese Anleitung ist nur ein Bestandteil der produktbegleitenden Dokumentation des Fugenschneiders. Diese Anleitung wird zusammen mit dem «Sicherheitshandbuch / Systembeschreibung Fugenschneider» vervollständigt.

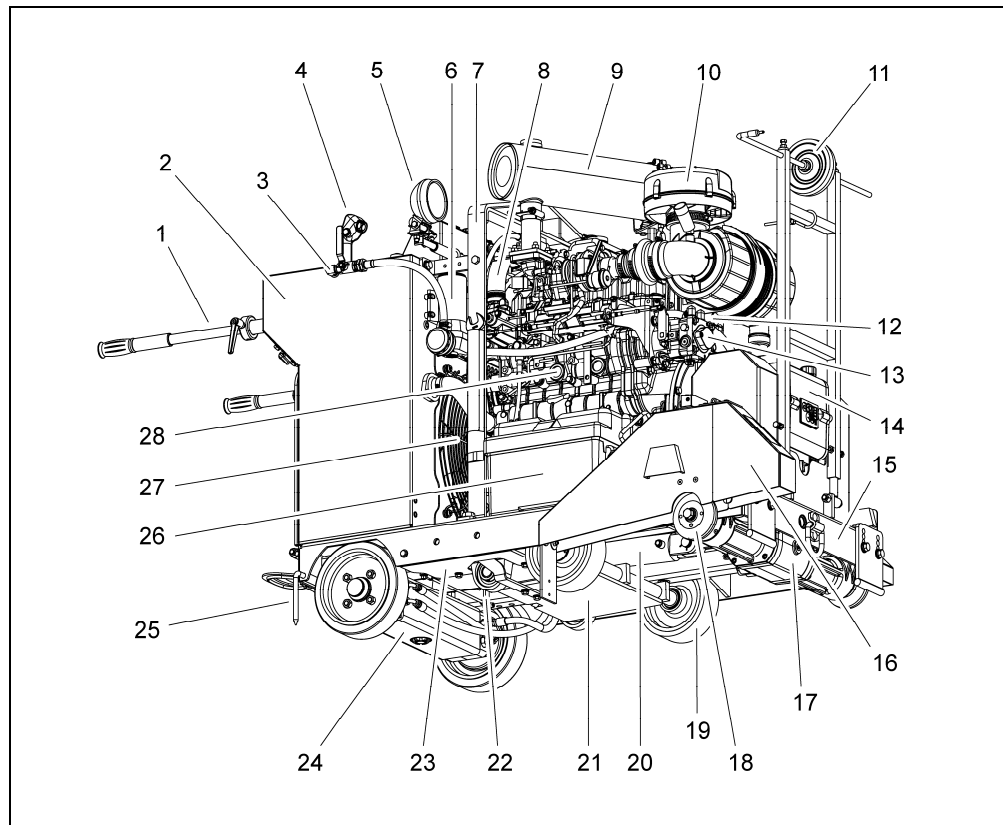


GEFAHR

Werden bei der Arbeit die Sicherheitshinweise im «Sicherheitshandbuch / Systembeschreibung» nicht beachtet, drohen Tod oder schwere Verletzungen.

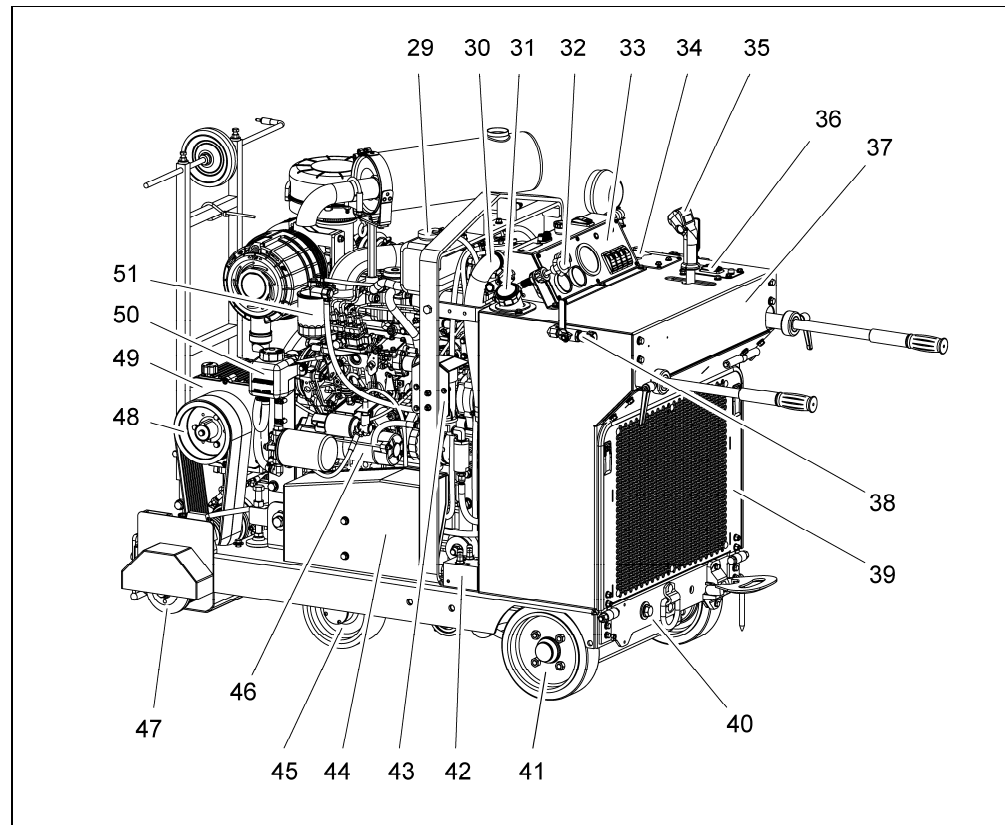
- ▶ Sicherstellen, dass das «Sicherheitshandbuch / Systembeschreibung Fugenschneider» vollständig gelesen und verstanden worden ist.

2 Aufbau



Komponenten

1 Griff	11 Rolle zu Schnittzeiger	21 Hebechassis
2 Bedieneinheit	12 Wasserventil	22 Lager Hebechassis
3 Wasserhahn	13 Hydrostat	23 Bodenblech
4 Bedienungshebel	14 Getriebe Sägeblattantrieb	24 Fahrtrieb
5 Scheinwerfer	15 Chassis	25 Schnittzeiger hinten
6 Wasserpumpe	16 Blattschutz	26 Batterie
7 Krananhängevorrichtung	17 Zwischengetriebe	27 Lüfter zu Kühler
8 Kühlwasserschlauch	18 Sägeblattflansch	28 Motor
9 Auspuff / Schalldämpfer	19 Räder	
10 Luftfilter	20 Hebezyylinder	

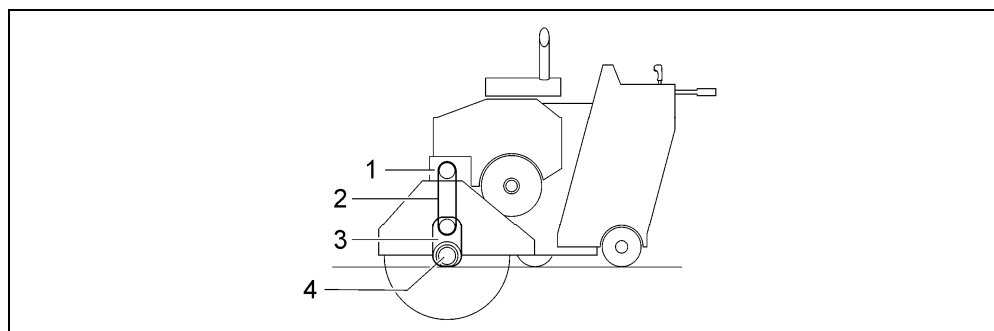


Komponenten

29	Kühlwasser-Expansionsgefäß	37	Chassis / Typenschild	45	Rad
30	Kühlwasserschlauch	38	Wasseranschluss	46	Anlasser
31	Tankeinfüllstutzen	39	Kühlerabdeckung	47	Sägeblattflansch
32	Gaszug	40	Spureinstellung	48	Antriebsrad
33	Bedienungsschalter	41	Antriebsrad	49	Getriebe
34	Anzeige Schnitttiefe	42	Ventilblock Fahrtrieb		Sägeblattantrieb
35	Bedienungshebel	43	Ölpumpe	50	Öltank Fahrtrieb
36	Getriebschalter Sägeblatt	44	Hydraulikpumpe	51	Dieselfilter
			Hebezyylinder		

3 Funktion

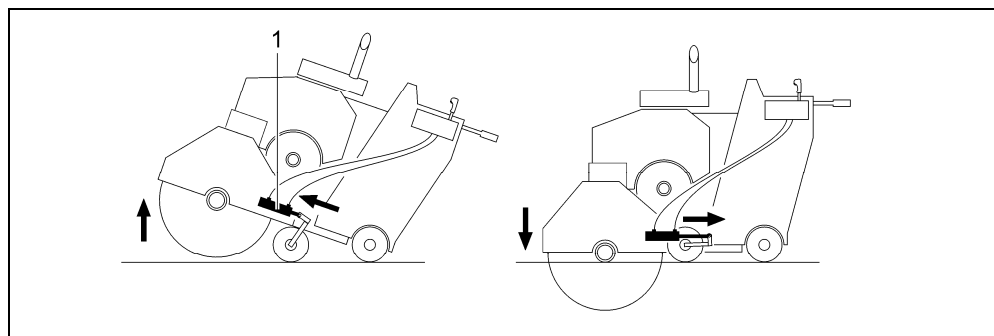
3.1 Sägeblattantrieb



Sägeblattantrieb (schematisch)

- | | |
|------------------|---------------------------|
| 1 Winkelgetriebe | 3 Zwischengetriebe |
| 2 Antriebsriemen | 4 Antriebswelle Sägeblatt |

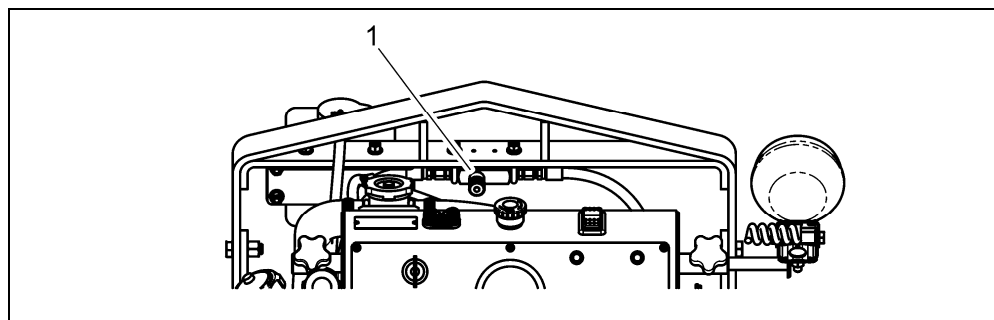
3.2 Hebeantrieb



Hebeantrieb (schematisch)

- | |
|---------------------|
| 1 Hydraulikzylinder |
|---------------------|

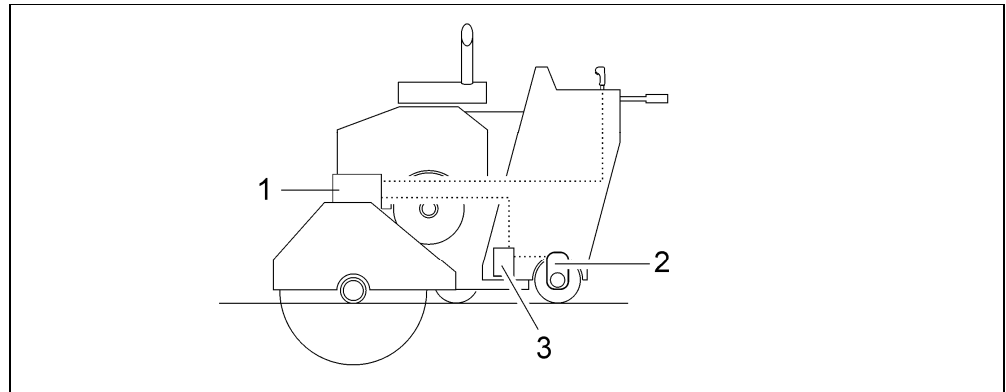
3.3 Geschwindigkeit Sägeblatt senken



Geschwindigkeit Sägeblatt senken

- | |
|--|
| 1 Ventil Senkgeschwindigkeit Sägeblatt |
|--|

3.4 Fahrtrieb



Fahrtrieb (schematisch)

- 1 Hydrostat
- 2 Hydraulikmotor
- 3 Ventilblock Fahrtrieb EIN / AUS

4 Transport

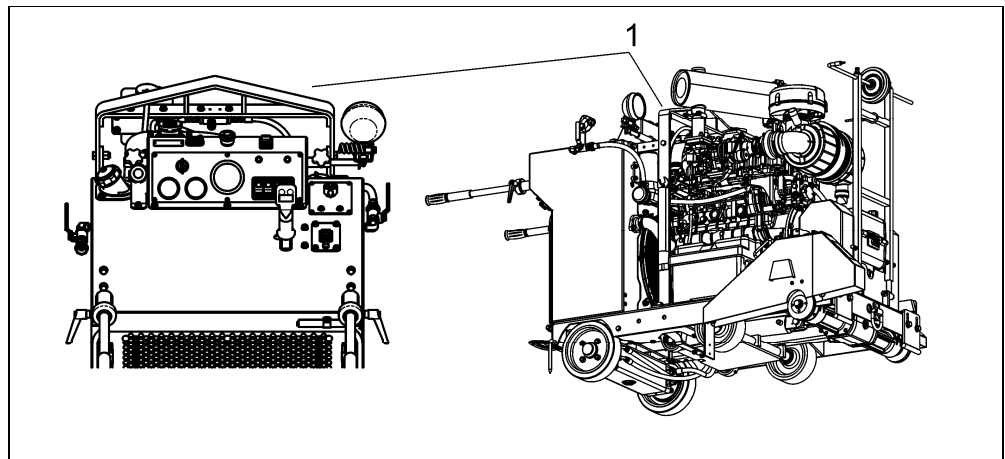


GEFAHR

Tod oder schwere Verletzungen durch unsachgemässen Transport!

- ▶ Fugenschneider nur bei ausgeschaltetem Hauptmotor transportieren.
- ▶ Nur Transportfahrzeuge, Hebezeuge und Lastaufnahmeeinrichtungen mit ausreichender Tragkraft verwenden.
- ▶ Fugenschneider nur an den vorgesehenen Anhängepunkten anhängen.
- ▶ Sachkundigen Einweiser bestimmen.
- ▶ Bei Krantransport nicht unter schwebenden Lasten aufhalten.
- ▶ Fugenschneider beim Transport immer im Auge behalten.

4.1 Anhängepunkt

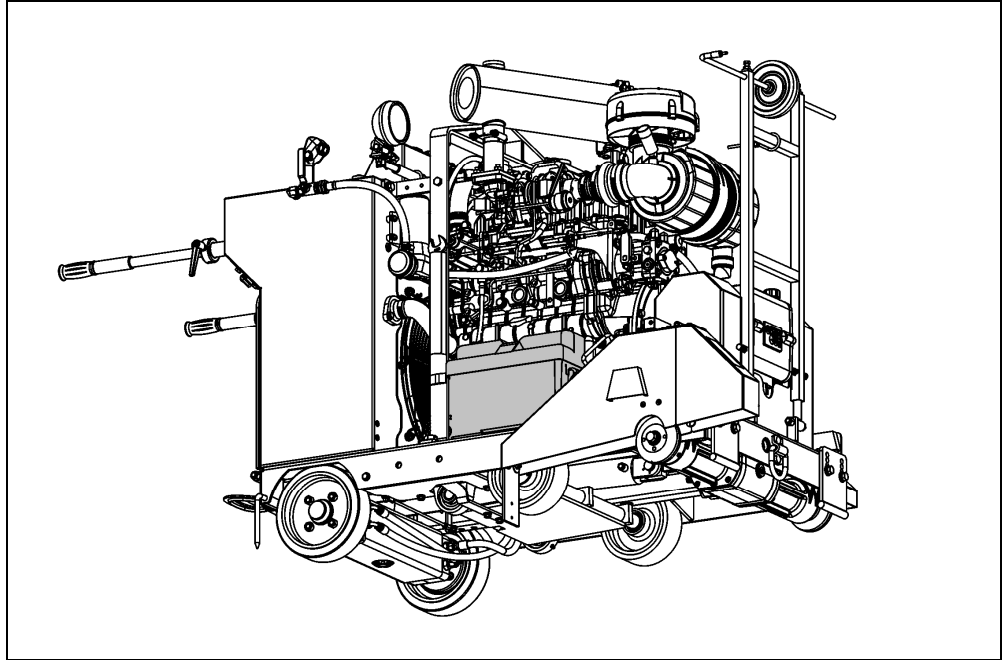


Anhängepunkt

1 Krananhängevorrichtung

5 Erste Inbetriebnahme

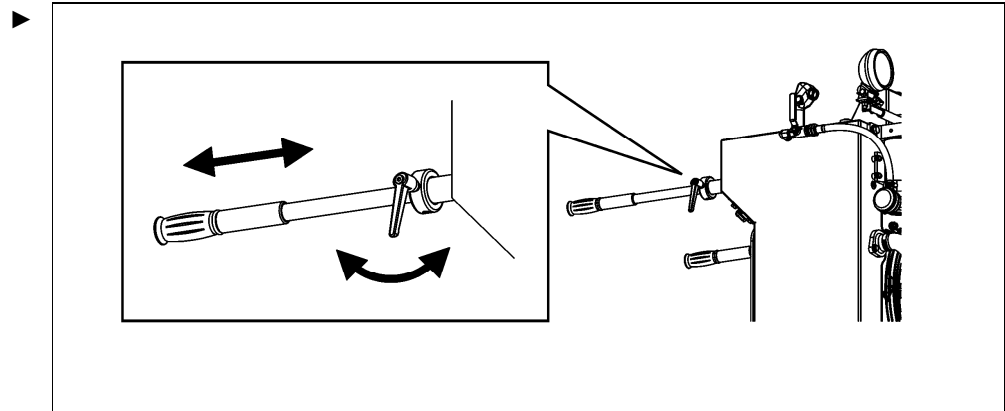
5.1 Batterie einbauen



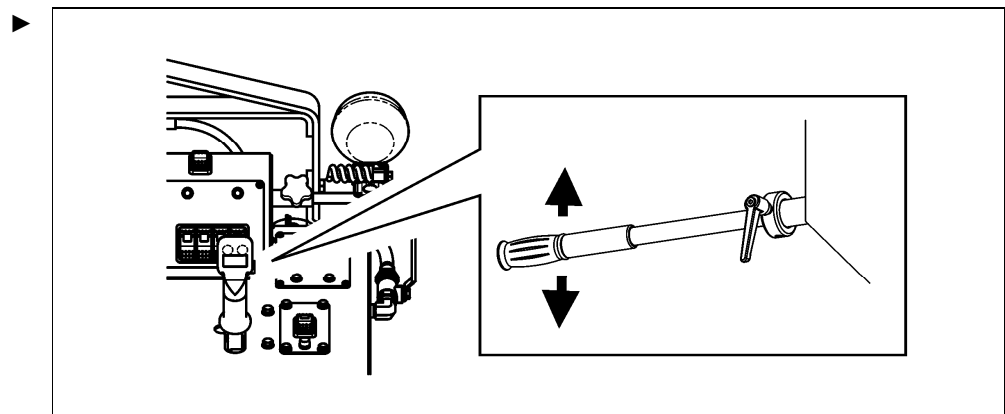
- ▶ Batterie einbauen (Typ siehe Kapitel Technische Daten).

6 Montage / Einrichten

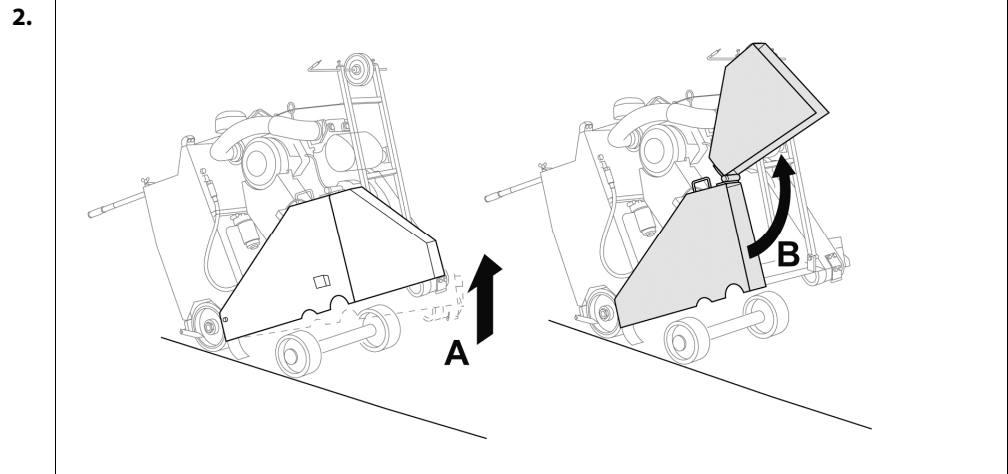
6.1 Griffe montieren



6.2 Höheneinstellung Griffe



6.3 Sägeblatt montieren



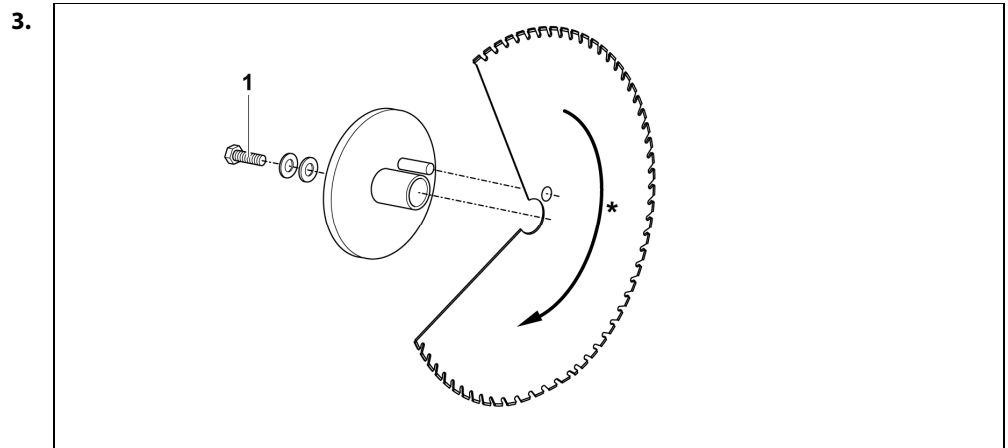
GEFAHR

Tod oder schwere Verletzung durch weggeschleuderte Teile (Segmente, Betonsplitter, Sägeblatt etc.)!

- ▶ Fugenschneider nur mit Blattschutz betreiben.
- ▶ Bei Sägeblatt-Montage auf der rechten Seite die Befestigungsschraube mit Linksgewinde verwenden.
Bei Sägeblatt-Montage auf der linken Seite die Befestigungsschraube mit Rechtsgewinde verwenden.

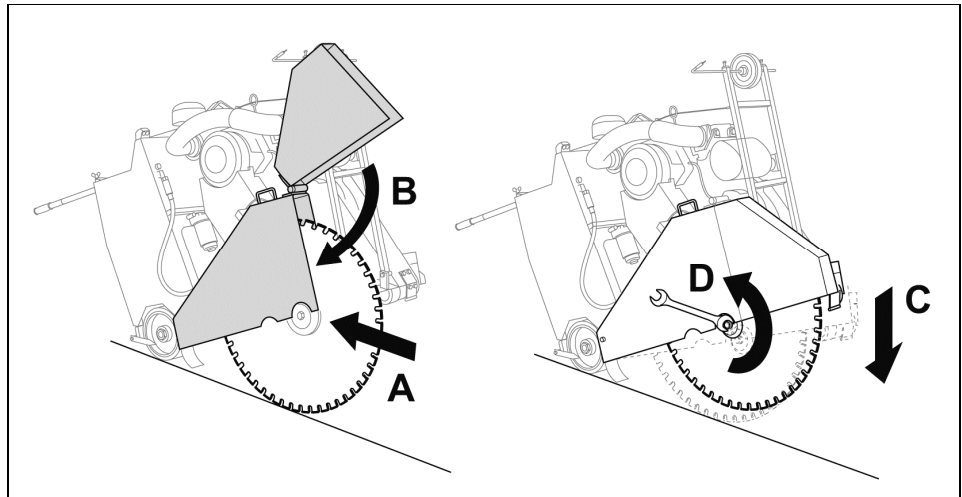


- ▶ Drehrichtungspfeile auf dem Sägeblatt beachten.



- 1 Befestigungsschraube
* Drehrichtung beachten

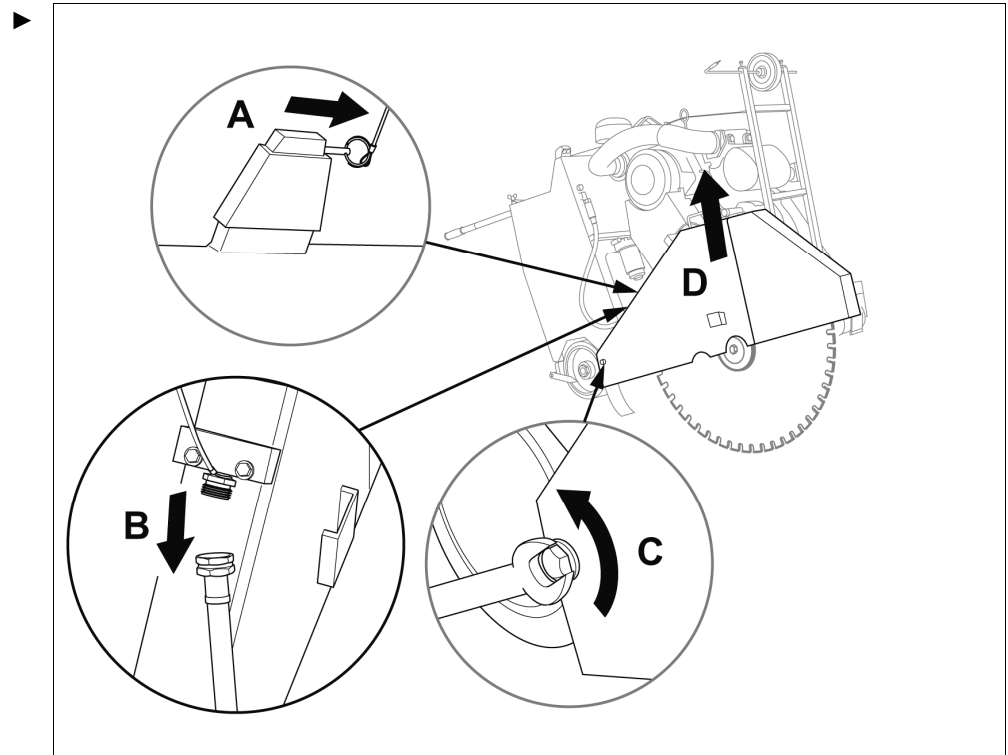
4.



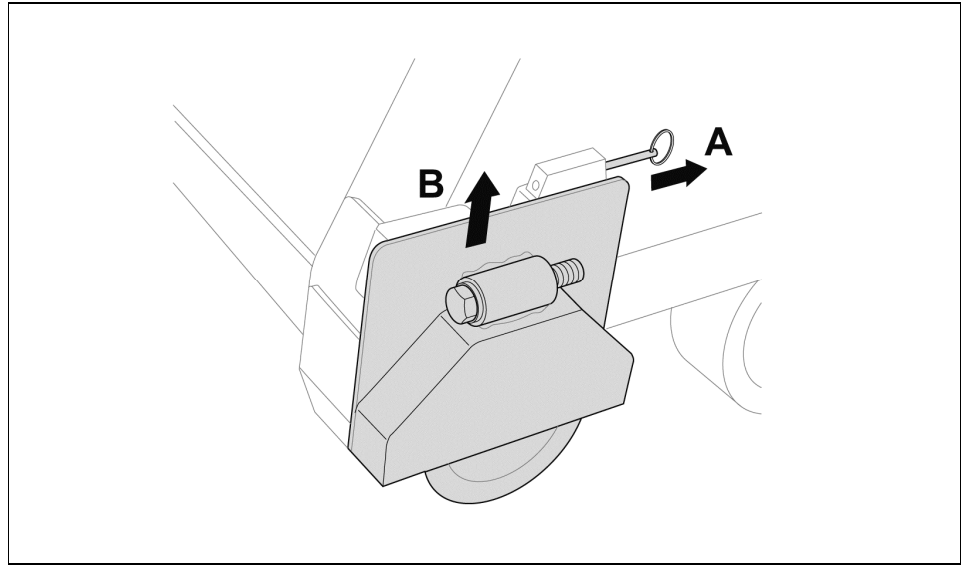
C: Um zu verhindern, dass sich das Sägeblatt beim Festziehen dreht, Sägeblatt vorsichtig auf den Boden aufsetzen.

6.4 Sägeblatt auf der anderen Seite montieren

6.4.1 Blattschutz demontieren



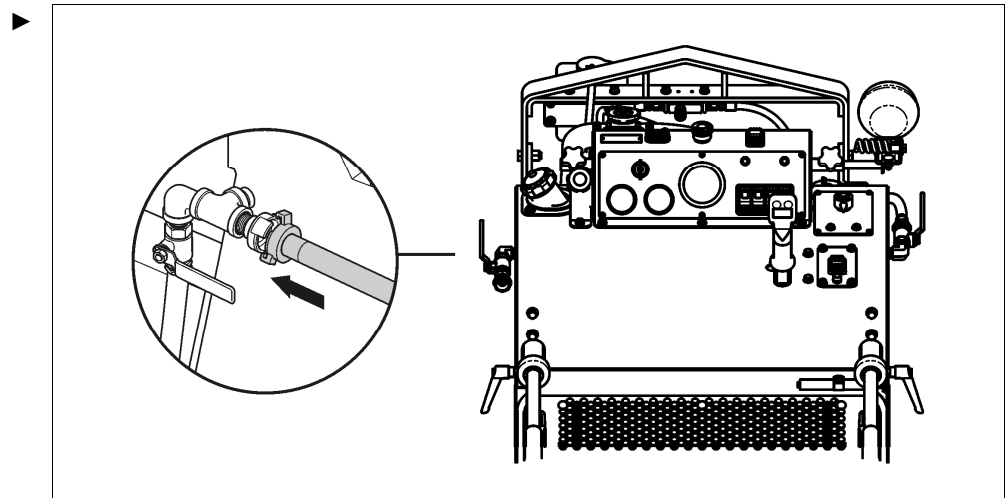
6.4.2 Wellenabdeckung demontieren



6.4.3 Blattschutz und Wellenabdeckung auf der anderen Seite montieren

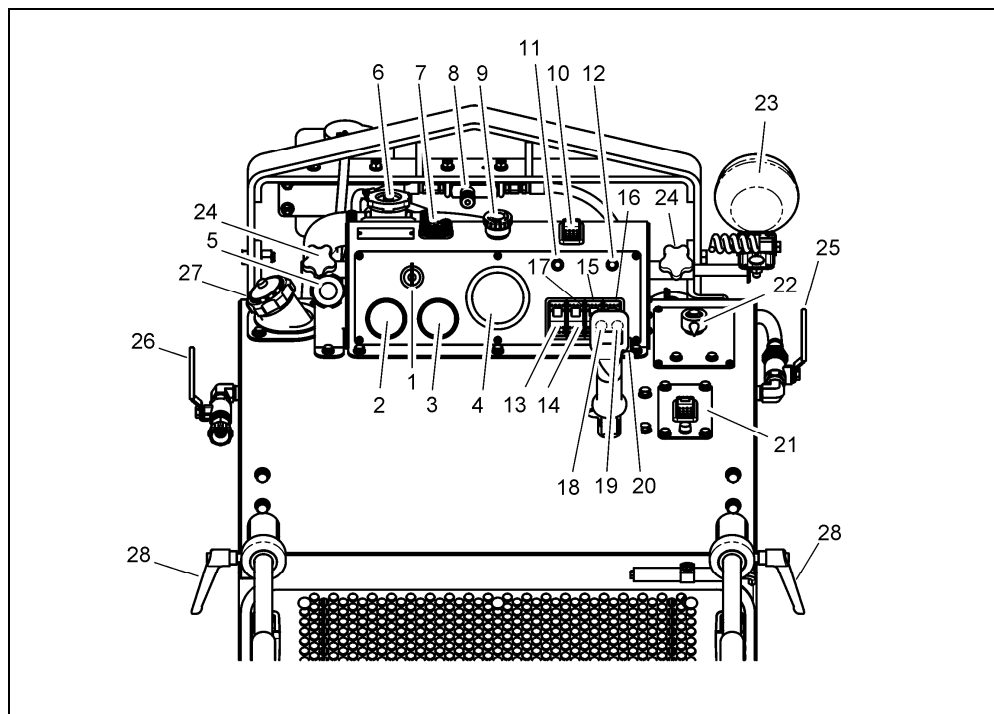
Die Montage von Blattschutz und Wellenabdeckung erfolgt in umgekehrter Reihenfolge wie bei der Demontage.

6.5 Wasserleitung anschliessen



7 Bedienung

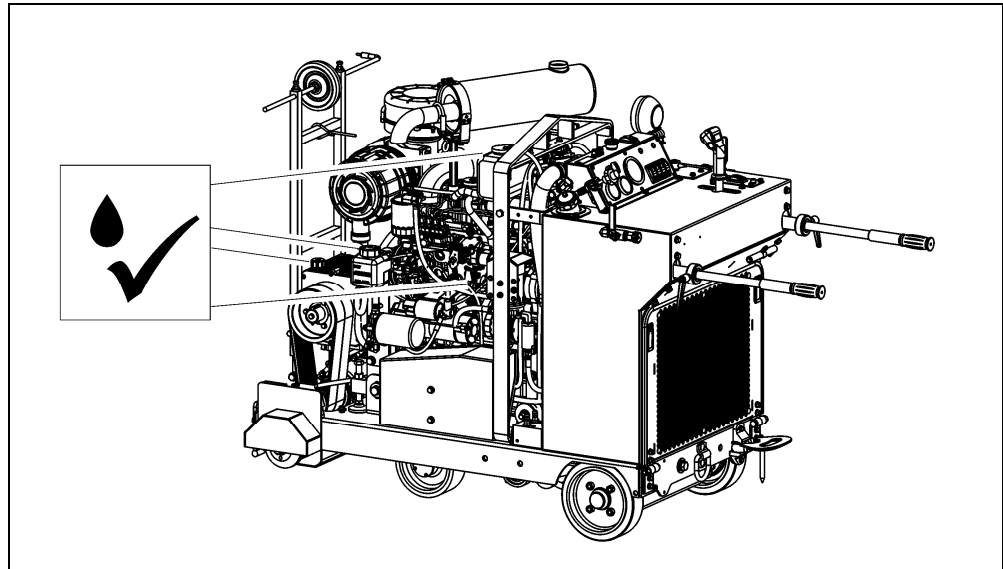
7.1 Übersicht über die Bedienelemente



Bedienelemente

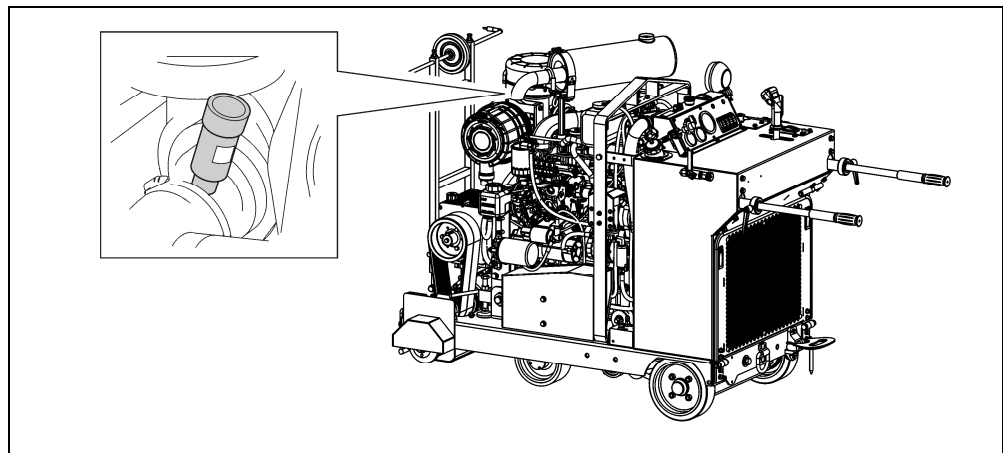
1	Zündschalter	11	Wasser EIN / AUS Anzeige	21	Schalter Sägeblattkupplung
2	Kühlmitteltemp. -Anzeige	12	Schnitttiefen- Speicherungsanzeige	22	Schnitttiefenanzeige
3	Motorwarnleuchte	13	Schalter Wasser EIN / AUS	23	Scheinwerferlicht
4	Blattdrehzahlmesser	14	Schalter Bremse EIN / AUS	24	Winkleinstellung Scheinwerferlicht
5	Motorgaszug	15	Schalter Scheinwerfer	25	Wasserregulierung
6	Deckel zu Kühler	16	Schalter (Optional)	26	Wasserzuführung AUF / ZU
7	Seilhalter zu Schnittzeiger	17	Fahrgeschwindigkeitshebel	27	Treibstoffeinfüllstutzen
8	Regulierventil	18	Schalter Heben	28	Klemmhebel zu Griff
9	NOT-AUS Druckknopf	19	Schalter Senken		
10	Schalter Schnitttiefen- speicherung	20	Höhenverstellung Griffe		

7.2 Ölstand und Kühlwasserstände prüfen



► Angaben des Motorenherstellers beachten.

7.3 Luftfilter prüfen

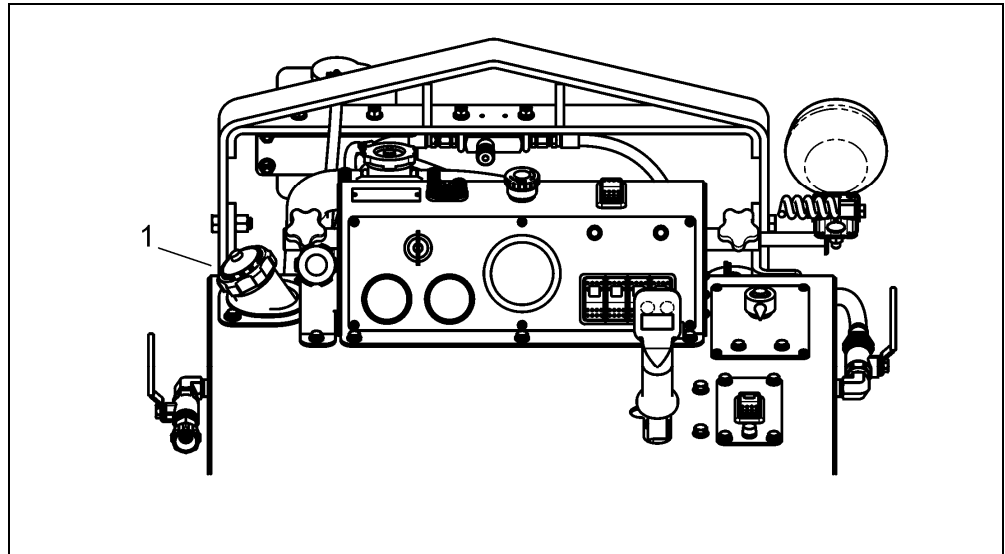


Die Anzeige im Sichtfenster hat folgende Bedeutung:

Farbe der Anzeige	Bedeutung
Gelb	Luftfilter in Ordnung
Rot	Luftfilter verstopft

► Wenn der Luftfilter verstopft ist, Luftfilter wechseln.

7.4 Treibstoff-Stand prüfen

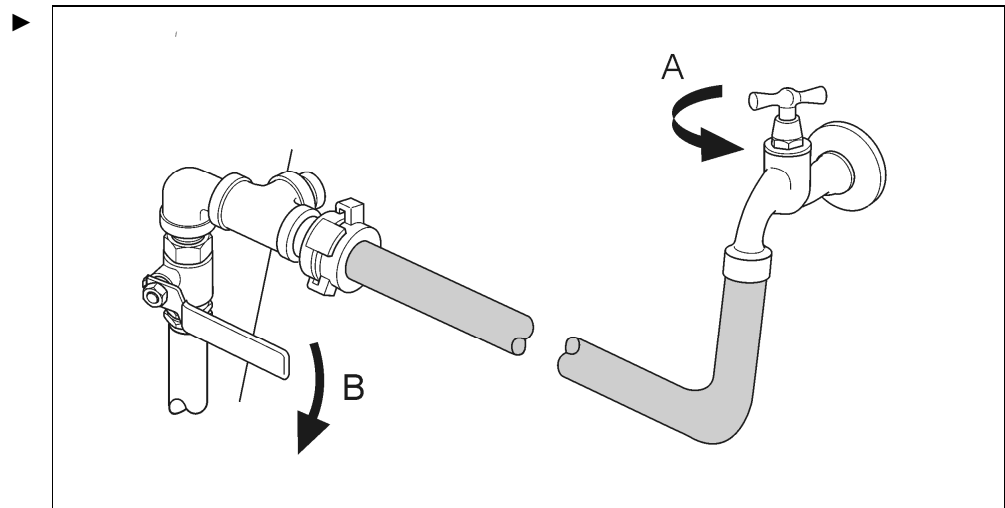


- ▶ Tankanzeige (1) prüfen und ggf. Diesel nachfüllen.

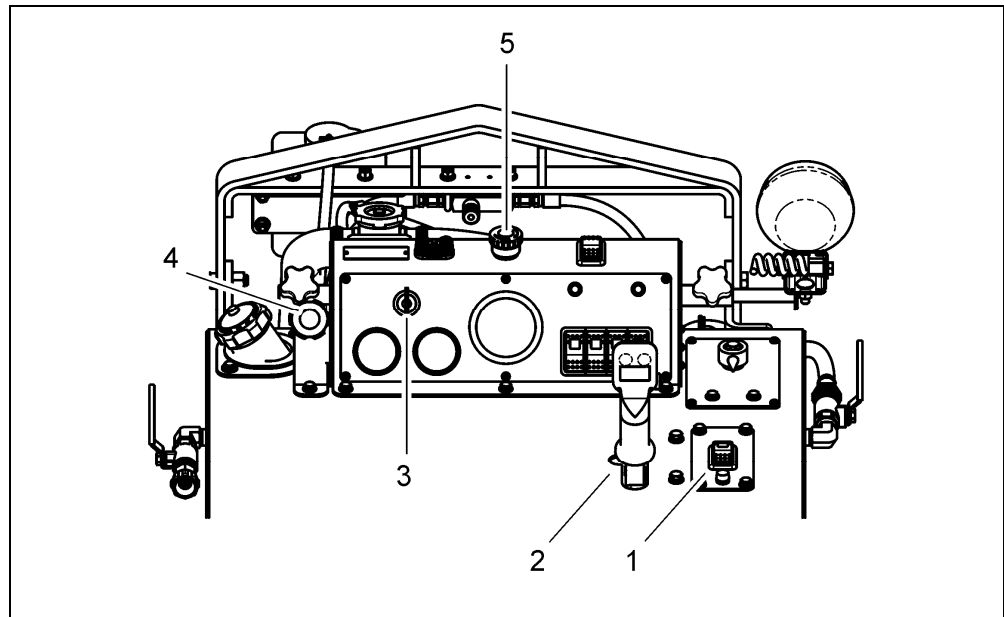
7.5 Fugenschneider positionieren



1. Fugenschneider in die Arbeitsposition schieben.
2. Fugenschneider mit den Schnittanzeigern ausrichten.

7.6 Wasserversorgung herstellen



7.7 Motor einschalten



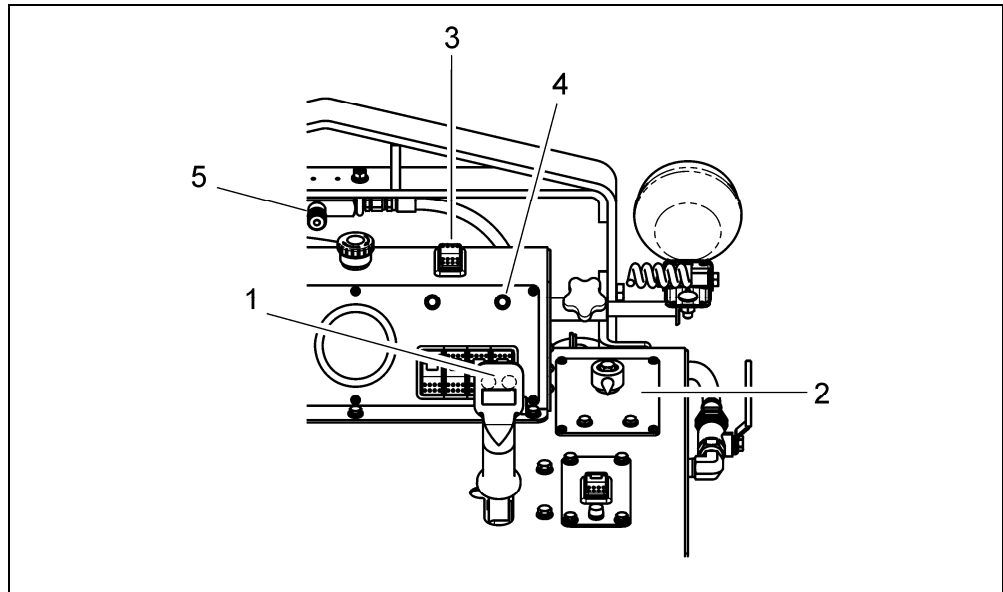
Symbol	Bedeutung
	Kupplungsschalter Position Eingekuppelt
	Kupplungsschalter Position Ausgekuppelt

- ✓ Bedienungshebel (2) eingerastet in 0-Stellung
- ✓ Kupplungsschalter (1) steht in der Position Ausgekuppelt
- ✓ Schalter **NOT-AUS** (5) ist gelöst

1. Zündschlüssel (3) in die Vorglüh-Position stellen bis Leuchtanzeige Vorglühen erlischt.
2. Zündschlüssel weiter nach rechts drehen, um zu starten.
Batterie- und Öldruck-Anzeige leuchten während des Starts auf und erlöschen wieder.
3. Mit Motor-Drehzahlregler (4) optimale Blattdrehzahl einstellen.

7.8 Sägeblatt senken / heben

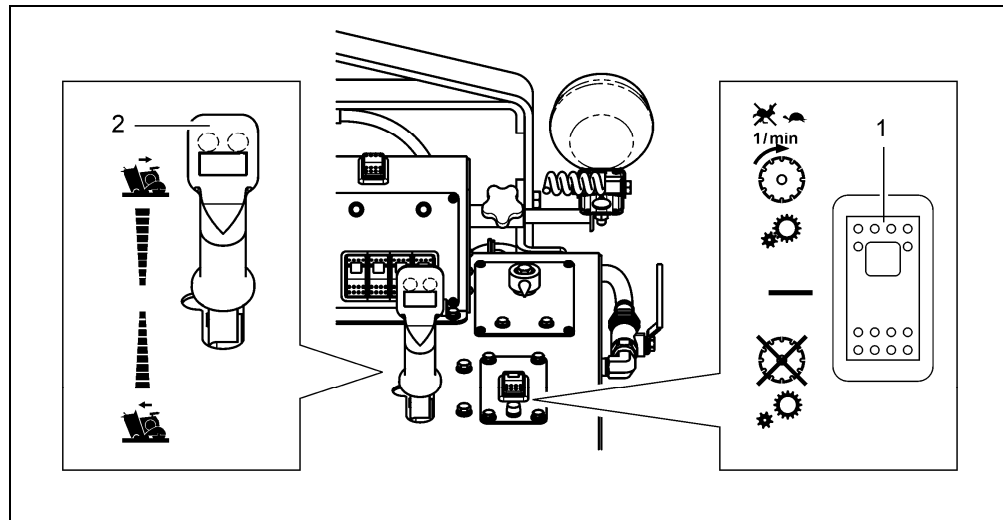
7.8.1 Beispiel senken



1. Taste **Senken** (1) so lange drücken, bis das Sägeblatt das Sägematerial berührt
2. Schnitttiefenanzeiger (2) auf die Position **0** stellen.
3. Sägeblatt mit der Taste **Senken** auf die gewünschte Schnitttiefe fahren.
4. Taste Tiefenanschlag (3) min. 3 Sekunden nach vorne drücken, Lampe (4) leuchtet.
5. Die Senkgeschwindigkeit kann über das Steuerventil (5) geregelt werden.

Um die gespeicherte Schnitttiefe zu deaktivieren, Sägeblatt leicht anheben und Kippschalter (3) zurücksetzen.

7.9 Vorschub einstellen

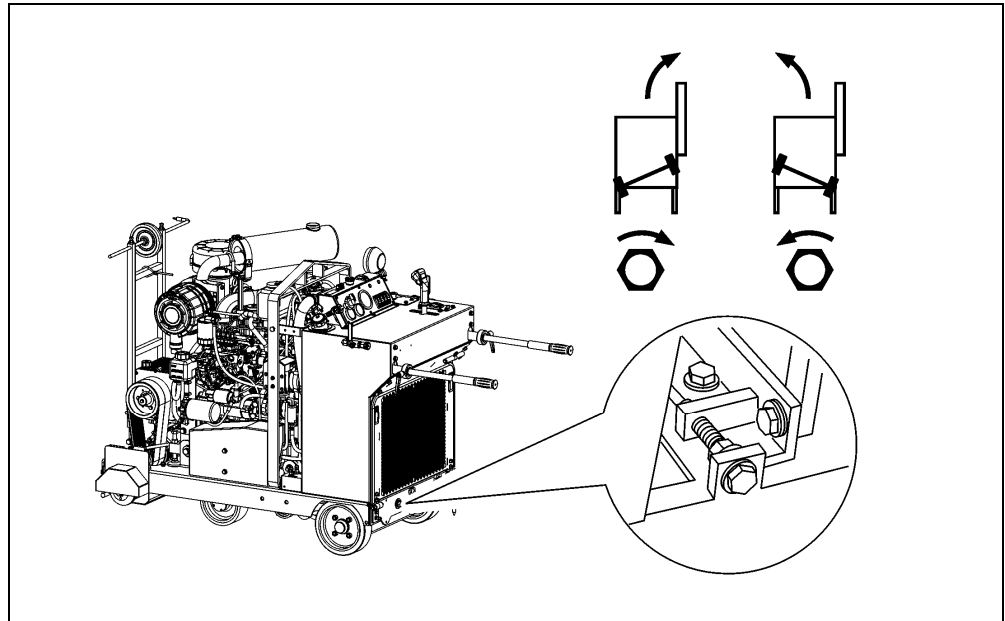


Symbol	Bedeutung
	Kuplungsschalter Position Eingekuppelt
	Kuplungsschalter Position Ausgekuppelt
	Vorschubregler Fahrtrichtung vorwärts
	Vorschubregler Fahrtrichtung rückwärts

- ✓ Vorschubregler steht in der neutralen Position
- ✓ Bremse ist gelöst

1. Kuplungsschalter (1) in die Position Eingekuppelt stellen.
Wichtig: Einkuppeln nur mit langsamer Motordrehzahl (Blattdrehzahl)
2. Mit Vorschubregler (2) Fahrtrichtung und Geschwindigkeit einstellen.

7.10 Spurhaltung korrigieren



Spurhaltung korrigieren

- ▶ Wenn das Sägeschnitt verläuft, mit der Stellschraube die hintere Radachse verstellen.

7.11 Schaltvorgang am 3-Gang-Getriebe



GEFAHR

Tod oder schwere Verletzung durch falsche Handhabung!

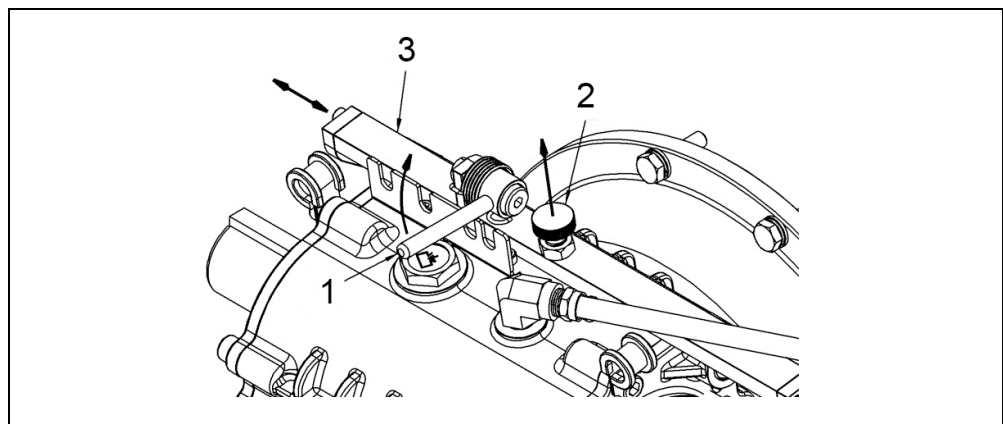
Der Gang darf nur bei stillstehendem Motor geändert werden. Nie bei laufendem Motor an der Schaltvorrichtung hantieren.

7.11.1 Schaltvorgang



INFORMATION

Für den gesamten Schaltvorgang wird kein Werkzeug benötigt.



1. Motor stillsetzen.
2. Motorhaube öffnen.
3. Drücken Sie den Schalthebel (1) nach oben und lösen Sie die Arretierung (2).
4. Schieben Sie den Schalthebel in die gewünschte Gangposition.

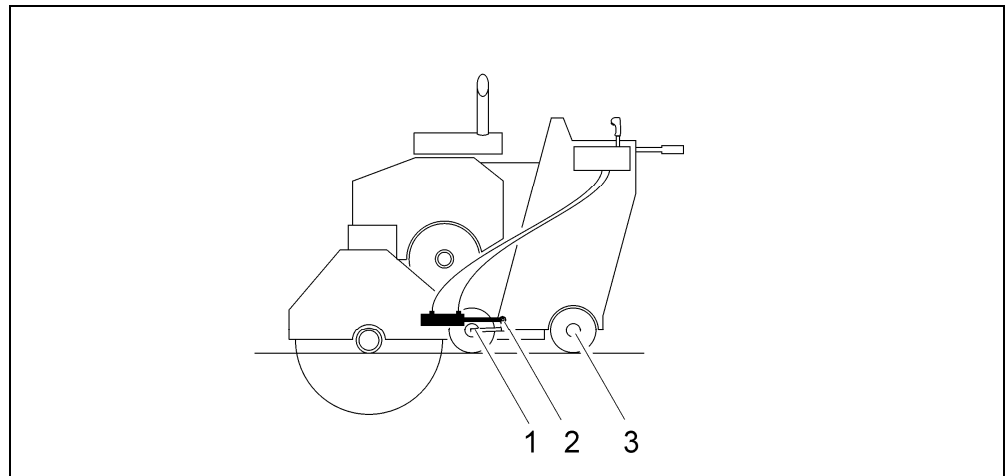
Gangposition (Bezeichnungen)	
M = Medium	▶ Mittlere Geschwindigkeit
L = Low	▶ Niedrige Geschwindigkeit
N = Neutral	▶ Kein Gang im Eingriff
H = High	▶ Hohe Geschwindigkeit

5. Drücken Sie den Schalthebel (1) in die Aussparung der gewünschten Gangposition.
6. Sichern Sie die Schaltposition mittel Arretierungselement (2).

8 Instandhaltung

Wann?	Was?
Täglich	<ul style="list-style-type: none"> ▶ Ölstand kontrollieren. ▶ Sichtprüfung auf Beschädigung durchführen.
Wöchentlich	<ul style="list-style-type: none"> ▶ Riemenspannung prüfen und ggf. einstellen.
Alle 50 Betriebsstunden	<ul style="list-style-type: none"> ▶ Schmiernippel schmieren.
Jährlich oder alle 100 Betriebsstunden	<ul style="list-style-type: none"> ▶ Grossen Service von TYROLIT Hydrostress AG oder einer autorisierten Vertretung durchführen lassen.
Gem. Angaben des Motorenherstellers	<ul style="list-style-type: none"> ▶ Alle erforderlichen Massnahmen gemäss Betriebsanleitung des Motorenherstellers durchführen.

8.1 Schmiernippel



Position der Schmiernippel

- 1 Lagerung Hebewelle
- 2 Zylinder-Auge
- 3 Lager Radantrieb

9 Störungen

Störung	Mögliche Ursache	Behebung
Fugenschneider läuft nicht	Schalter NOT-AUS ist gedrückt.	▶ Schalter NOT-AUS lösen.
Sägeblatt blockiert	Sägeblatt im Schnittmaterial verklemmt	▶ Fugenschneider zurückfahren. ▶ Ggf. Sägeblatt durch Wippen lösen. ▶ Ggf. Motor abstellen, Sägeblatt demontieren und einzeln aus dem Schnittmaterial lösen.
Sägeblatt dreht sich trotz laufenden Motor nicht	Riemenspannung zu schwach	▶ Riemen spannen oder wechseln lassen.
	Mitnehmerbolzen am Befestigungsflansch abgeschert	▶ Neuen Befestigungsflansch montieren.
Vorschub funktioniert nicht	Funktion des Steuergestänges beeinträchtigt	▶ Steuergestänge prüfen und ggf. instandsetzen lassen.
	Hydrostat defekt	▶ Hydrostat prüfen und ggf. von einem TYROLIT Hydrostress Techniker instandsetzen lassen.
Motor läuft unrund	Falscher Treibstoff	▶ Motor sofort ausschalten und Treibstoff wechseln.
	Dieselfilter verstopft	▶ Dieselfilter wechseln lassen.
Batterie-Anzeige leuchtet	Kontakte an der Verbindung zwischen Batterie und Generator defekt	▶ Kontakte prüfen und ggf. wiederherstellen.
	Batterieladung unzureichend	▶ Batterie laden bzw. wechseln.
	Batterie wird überladen	▶ Lichtmaschine kontrollieren
Öltemperatur-Anzeige leuchtet	Öltemperatur zu hoch	▶ Fugenschneider ohne Belastung laufen lassen, bis Temperaturanzeige erlischt.
	Zu wenig Öl	▶ Öl nachfüllen.
Öldruck-Anzeige leuchtet	Ölpumpe defekt	▶ Ölpumpe wechseln lassen.
Zeiger der Motortemperatur-Anzeige im roten Bereich	Motorbelastung zu hoch	▶ Motor einige Minuten ohne Belastung laufen lassen. ▶ Kühlmittelstandkontrollieren

10 Technische Daten

10.1 Dimensionen

Parameter	Wert
Gewicht	987 kg
Schnitttiefe (max.)	500 mm
Ø Blattaufnahme	25,4 mm
Ø Sägeblatt max.	1200 mm
Abmessungen (Transportmaße bei hochgeklapptem Blattschutz)	L: 1615 mm B: 930 mm H: 1335 mm

10.2 Motor

Parameter	Wert
Typ	KUBOTA
Leistung	74 PS
Nenndrehzahl	Gem. Betriebsanleitung Motorenhersteller
Öl-Inhalt	Gem. Betriebsanleitung Motorenhersteller
Tankinhalt	34 l
Treibstoff	Diesel
Kühlung	Wasserkühlung / Luftkühlung

10.3 Hebeantrieb

Parameter	Wert
Antriebsart	elektro-hydraulisch
Öl-Qualität	ATF Dexron II D

10.4 Fahrtrieb

Parameter	Wert
Antriebsart	hydraulisch
Öl-Qualität	ATF Dexron II D
Kühlung	Luftkühlung

10.5 Schallpegel und Vibrationen

Parameter	Wert	
	FSD1274★★★	FSD1274 3- Gang★★★
Schallpegel am Arbeitsplatz (L _{PA})	96,9 dB(A)*	91,3 dB(A)*
Schalleistung nach ISO 3744 (L _{WA})	116,9 dB(A)*	111,3 dB(A)*
Vibrationen DIN EN ISO 5349-2	< 2,5 m/s ²	

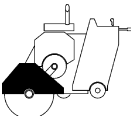
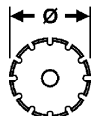
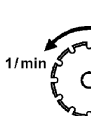
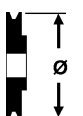
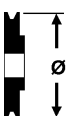
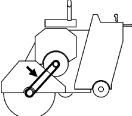
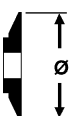
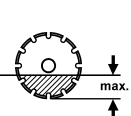
* Wert gilt bei folgender Bedingung: Fahrtrieb ist ausgeschaltet und das Sägeblatt ist nicht im Eingriff. Die Messung erfolgte im Stand, mit Motor unter Vollast mit Sägeblatt Ø 900 mm. Im Schneidbetrieb können höhere Lärmpegel auftreten.

10.6 Batterie

Parameter	Wert
Beschreibung	Battery 12-Volt Group Size 24
DP Batterie-Teile-Nummer	EODP 2800465
Länge	260 mm
Breite	173 mm
Höhe	225 mm
Kapazität	70 Ah
Hersteller-Bezeichnung	P7029

10.7 Schnittdaten

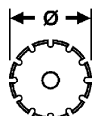

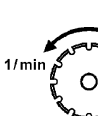
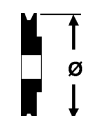
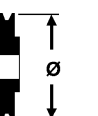
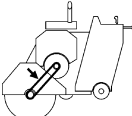
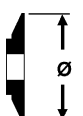
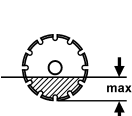

Schnittdaten FSD1274★★★

Blattschutz	Blatt Ø	Blatt 1/min	Riemenscheibe Ø unten	Riemenscheibe Ø oben	Riemengröße	Ø Flansch Blattaufnahme	Schnitttiefe
20" / 500 mm	500 mm	2475	3.65"	6.5"	3VX530	5" / 127 mm	185
26" / 600 mm	600 mm	2075	4"	6"	3VX530	5" / 127 mm	235
30" / 700 mm	700 mm	1725	4.5"	5.6"	3VX530	5" / 127 mm	285
36" / 900 mm	900 mm	1475	4.75"	5"	3VX530	6" / 152 mm	370
42" / 1000 mm	1000 mm	1175	4.75"	4"	3VX355	7" / 178 mm	410
48" / 1200 mm	1200 mm	1050	4.75"	4"	3VX355	8" / 203 mm	500
							



Die Riemenscheibe darf nur von einem Techniker von TYROLIT Hydrostress oder einer ausgebildeten Fachkraft gewechselt werden.

Schnittdaten FSD1274★★★ 3-Gang

Blatt Ø	Gang	Blatt 1/min	Riemenscheibe Ø unten	Riemenscheibe Ø oben	Riemengröße	Ø Flansch Blattaufnahme	Schnitttiefe	Motoren 1/min
700 mm	H (High)	1700	4.75"	4.75"	3VX450	8" / 203 mm	285	2800
1000 mm	M (Medium)	1250	4.75"	4.75"	3VX450	8" / 203 mm	410	2800
1200 mm	L (Low)	975	4.75"	4.75"	3VX450	8" / 203 mm	500	2800
								



Der Gang darf nur bei stillstehendem Motor geändert werden. Nie bei laufendem Motor an der Schaltvorrichtung hantieren.

EG-Konformitätserklärung

Bezeichnung	Fugenschneider
Typenbezeichnung	FSD1274 ★★★ / FSD1274 ★★★ 3-Gang
Konstruktionsjahr	2010
Hersteller	TYROLIT Hydrostress AG

Wir erklären in alleiniger Verantwortung, dass dieses Produkt mit den folgenden Richtlinien und Normen übereinstimmt:

Angewandte Richtlinie

Maschinenrichtlinie	2006/42/EG
Lärmemission	2000/14/EG
Abgasrichtlinie	2004/26/EG

Normen

EN 12100	Sicherheit von Maschinen –Grundbegriffe, allgemeine Gestaltungsleitsätze- Risikobewertung und Risikominimierung.
EN 13862	Bodenschleifmaschinen Sicherheit
EN 982	Sicherheit von Maschinen Sicherheitstechnische Anforderungen an sicherheitstechnische Anlagen und ihre Bauteile-Hydraulik.
EN ISO 3744	Akustik-Bestimmung der Schall-Leistungspegel von Geräuschquellen durch Schalldruckmessung

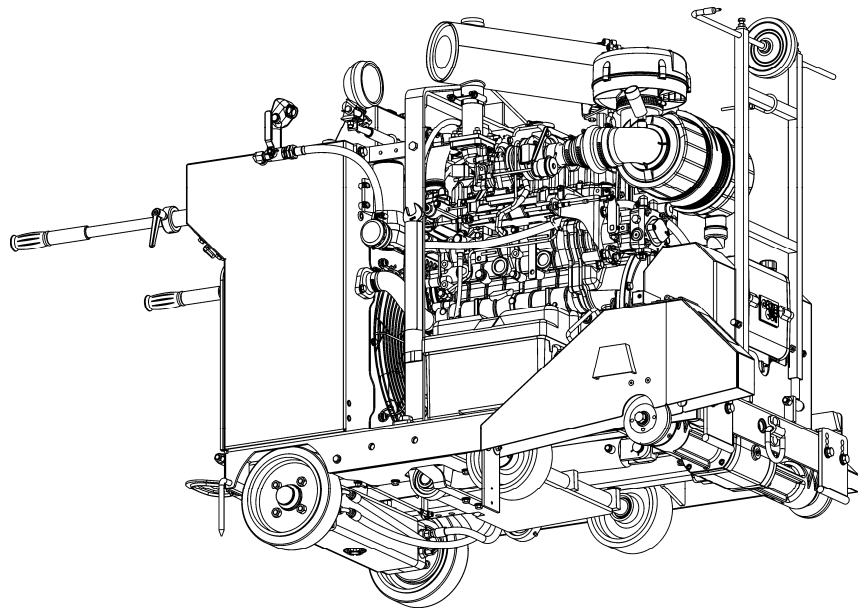
Operating Instructions

Floor Saw

FSD1274★ ★ ★

FSD1274★ ★ ★ 3-speed gearbox

Index 001



Congratulations!

You have decided to purchase a tried and tested TYROLIT-Hydrostress unit and have thus acquired a highly sophisticated and reliable state-of-the-art unit. The exclusive use of only TYROLIT Hydrostress spare parts ensures quality and interchangeability. If maintenance work is neglected or carried out inexpertly we will be unable to honour our warranty obligations. Any repair work must be carried out by trained personnel only.

Should you need more details concerning your TYROLIT Hydrostress unit in order to keep it in perfect condition, please contact our after-sales service for further information.

We hope that you enjoy untroubled and fault-free working with your TYROLIT unit.

TYROLIT Hydrostress

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Witzbergstrasse 18
CH-8330 Pfäffikon
Switzerland
Tel. 0041 (0) 44 952 18 18
Fax 0041 (0) 44 952 18 00

1 Safety



These instructions are just one part of the documentation which is supplied together with the floor saw. These instructions go together with the "Safety Manual / System Description for Floor Saws" to form a complete set of documentation.

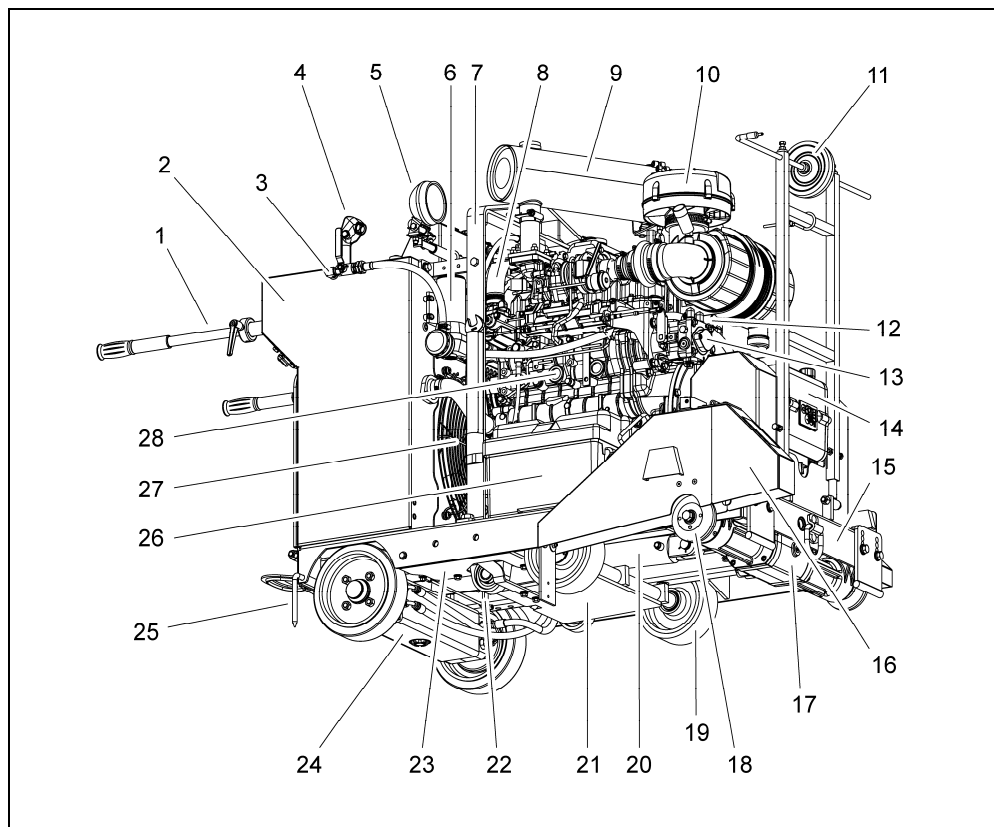


DANGER

Failure to comply with the safety instructions in the "Safety Manual / System Description" may result in serious injury or death.

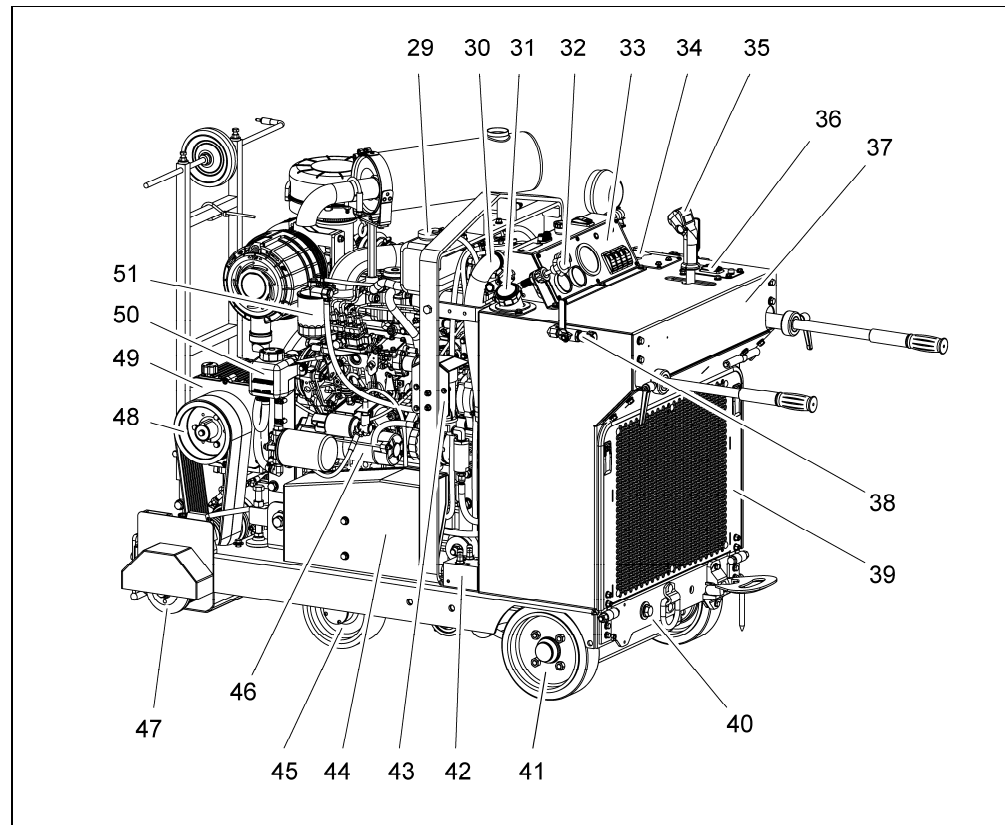
- ▶ Please ensure that the "Safety Manual / System Description for Floor saws" has been read and understood in full.

2 Design



Components

1	Grip	11	Cut indicator roller	21	Lifting chassis
2	Control unit	12	Water valve	22	Bearing lifting chassis
3	Water valve	13	Hydrostatic motors	23	Base plate
4	Operating handle	14	Gear box saw blade drive	24	Travel drive
5	Floodlight	15	Chassis	25	Rear cut guide
6	Water pump	16	Blade guard	26	Battery
7	Crane hitching device	17	Intermediate drive	27	Cooler fan
8	Cooling water hose	18	Saw blade flange	28	Motor
9	Exhaust/ Silencer	19	Wheels		
10	Air filter	20	Lifting cylinder		

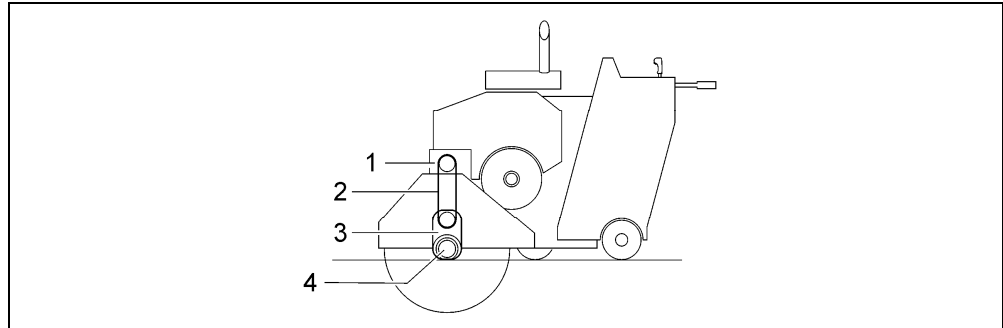


Components

- | | | | | | |
|----|--------------------------------|----|---------------------------------|----|--------------------------|
| 29 | Cooling water expansion vessel | 37 | Chassis / Model label | 45 | Wheel |
| 30 | Cooling water hose | 38 | Water connection | 46 | Starter |
| 31 | Tank filler cap | 39 | Radiator cover | 47 | Saw blade flange |
| 32 | Gas flue | 40 | Track adjustment | 48 | Drive wheel |
| 33 | Control panel | 41 | Drive wheel | 49 | Gear box saw blade drive |
| 34 | Cut depth indicator | 42 | Valve block travel drive | 50 | Oil tank travel drive |
| 35 | Operating handle | 43 | Oil pump | 51 | Dieselfilter |
| 36 | Gear shift lever saw blade | 44 | Hydraulic pump lifting cylinder | | |

3 Function

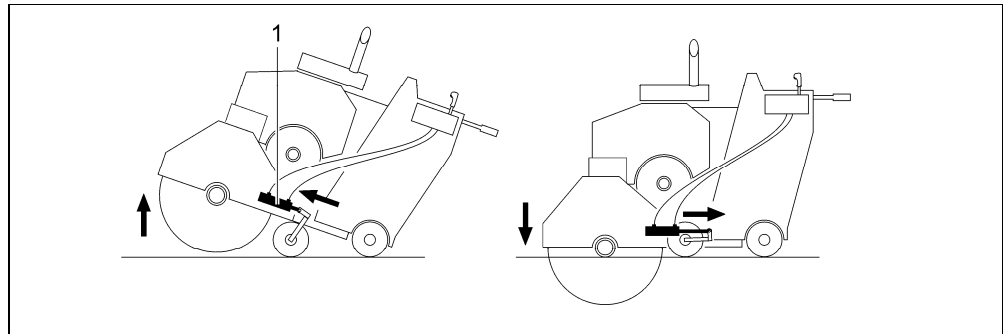
3.1 Saw blade drive



Saw blade drive (schematic)

- | | | | |
|---|------------|---|-----------------------|
| 1 | Mitre gear | 3 | Intermediate drive |
| 2 | Drive belt | 4 | Drive shaft saw blade |

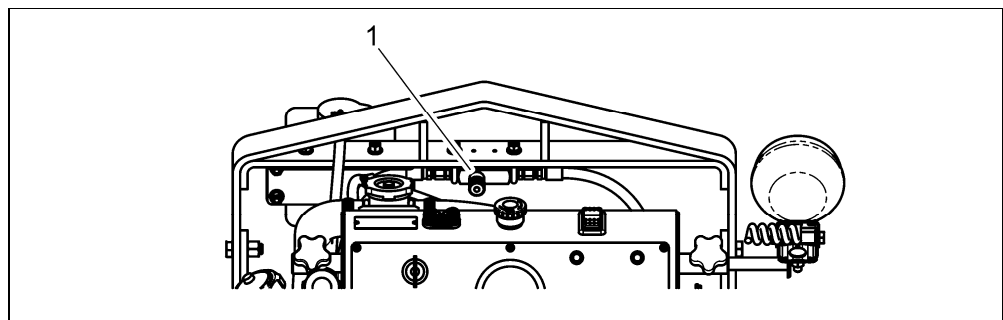
3.2 Lift drive



Lift drive (schematic)

- | | |
|---|--------------------|
| 1 | Hydraulic cylinder |
|---|--------------------|

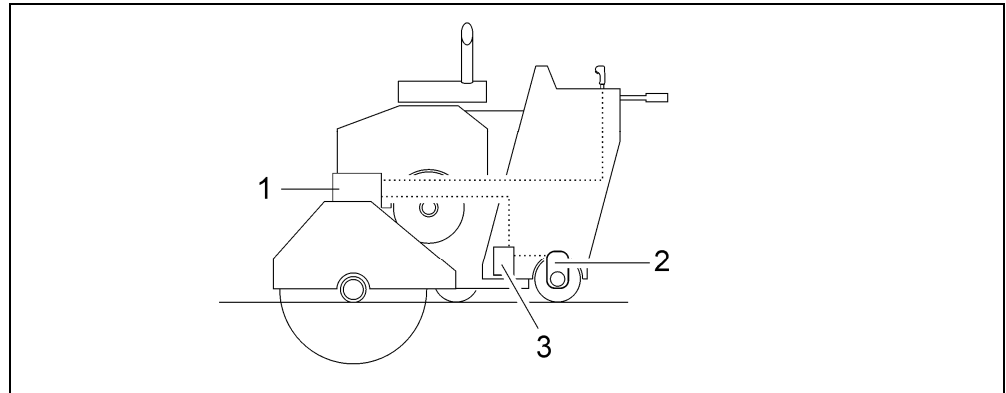
3.3 Saw blade lowering speed



Saw blade lowering speed

- | | |
|---|--------------------------------|
| 1 | Valve saw blade lowering speed |
|---|--------------------------------|

3.4 Travel drive



Travel drive (schematic)

- 1 Hydrostatic motors
- 2 Hydraulic motors
- 3 Valve block travel drive ON / OFF

4 Transport

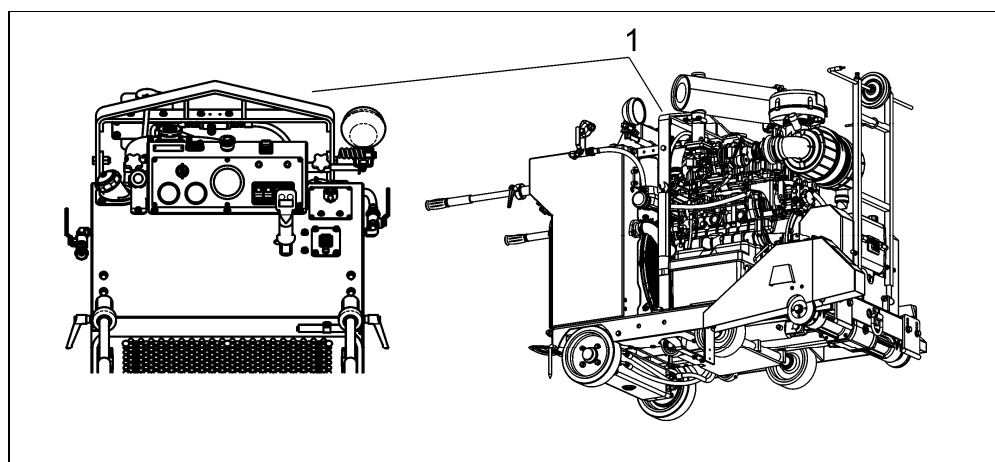


DANGER

Inexpert transport may result in death or serious injury.

- ▶ Floor saws must only be transported with the main motor switched off.
- ▶ Only transport vehicles, lifting tools and load suspension devices with sufficient load-bearing capacity must be used.
- ▶ Floor saws must only be hitched by the hitching points provided.
- ▶ Appoint an expert marshaller.
- ▶ When transporting by crane do not stand underneath suspended load.
- ▶ Always have the floor saw in your line of vision while it is being transported.

4.1 Hitching point

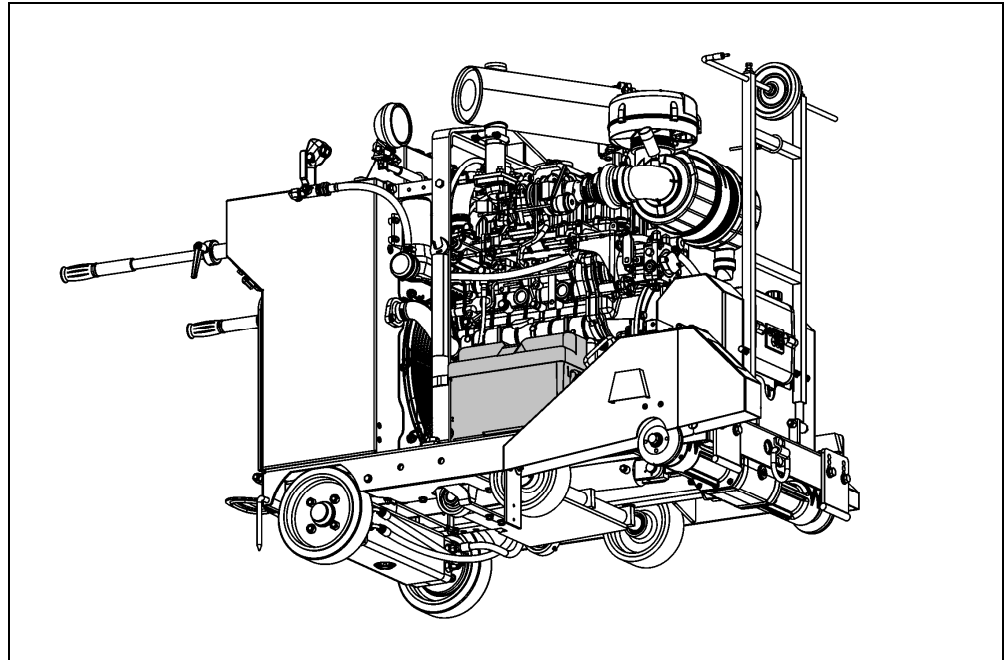


Hitching point

1 Crane hitching device

5 Initial start-up

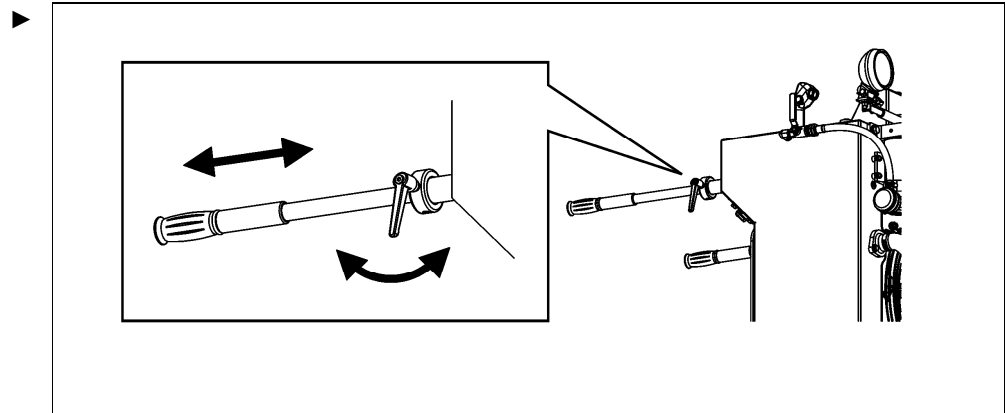
5.1 Fitting battery



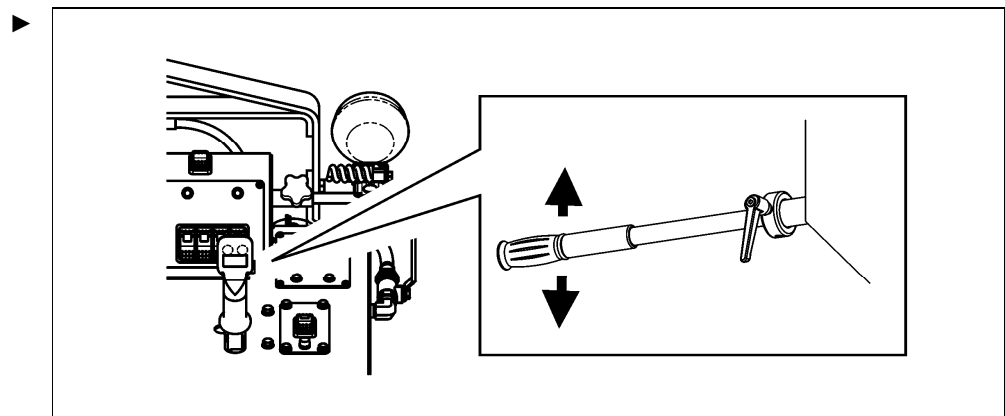
- ▶ Fit battery (for type see Technical Data).

6 Assembly / Set-up

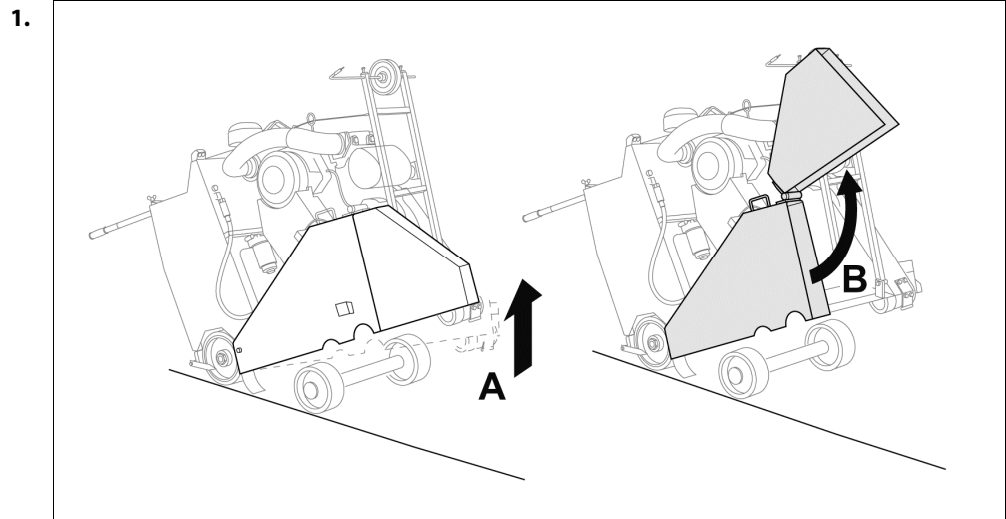
6.1 Mounting grip



6.2 Height adjustment handle



6.3 Mounting saw blade



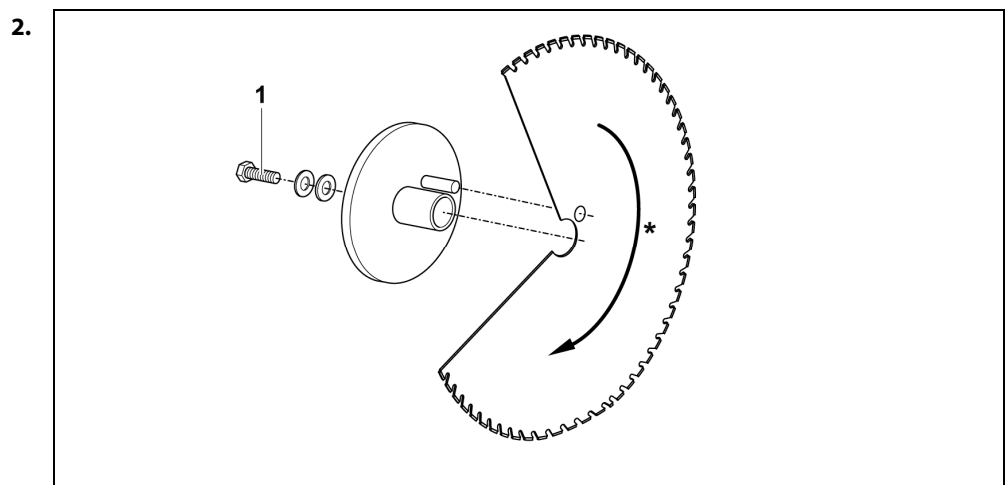
DANGER

Parts that fly off (segments, concrete splinters, saw blade, etc.) may cause serious injury or even death.

- ▶ Floor saws must only be operated with a blade guard.
- ▶ When assembling the saw blade on the right-hand side use the anchoring screw with the left-hand thread.
When assembling the saw blade on the left-hand side, use the anchoring screw with the right-hand thread.

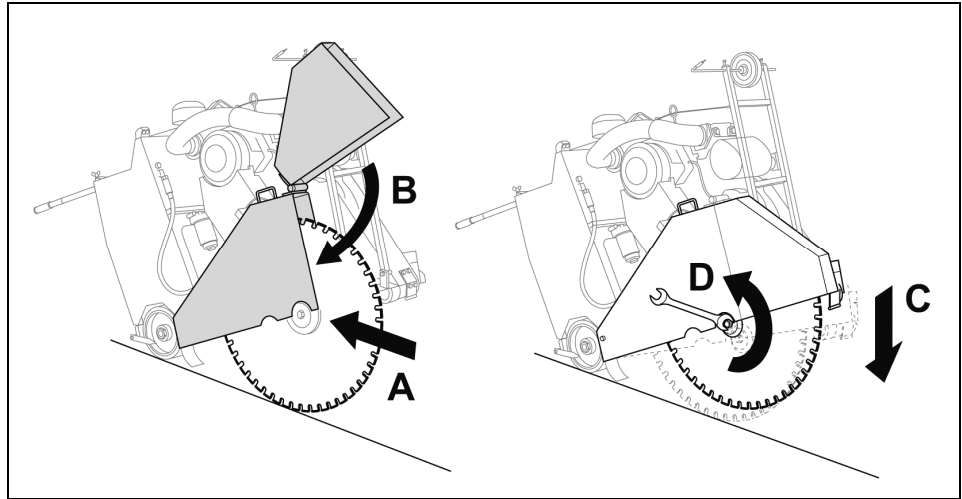


- ▶ Note the direction or rotation arrows on the saw blade.



- 1 Anchoring screw
*Note the direction of rotation

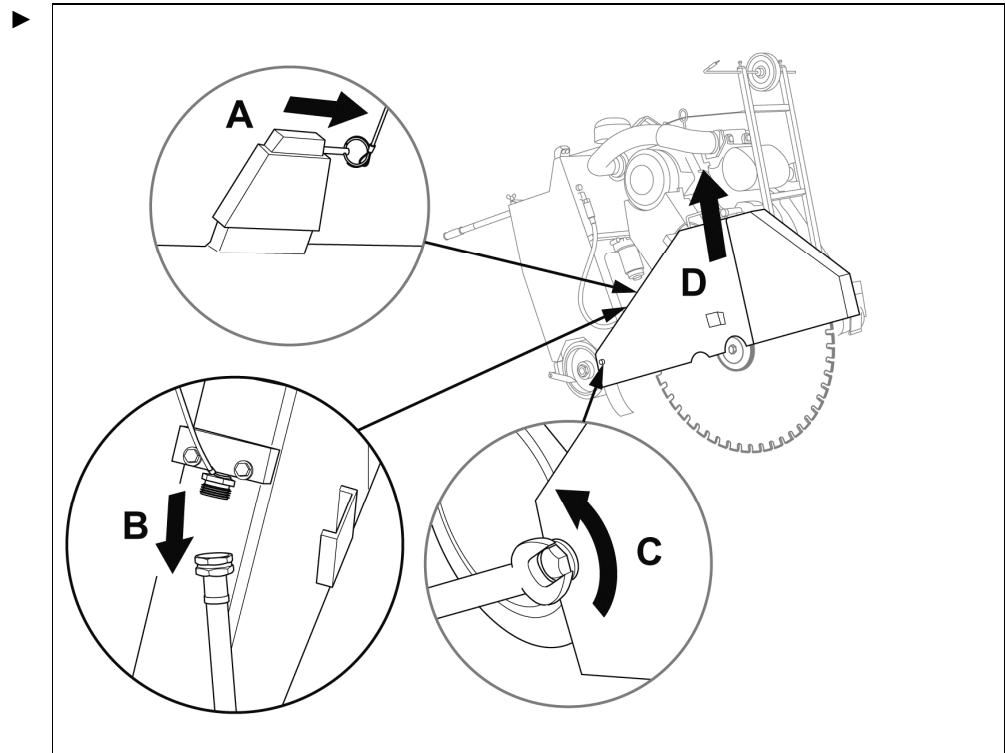
3.



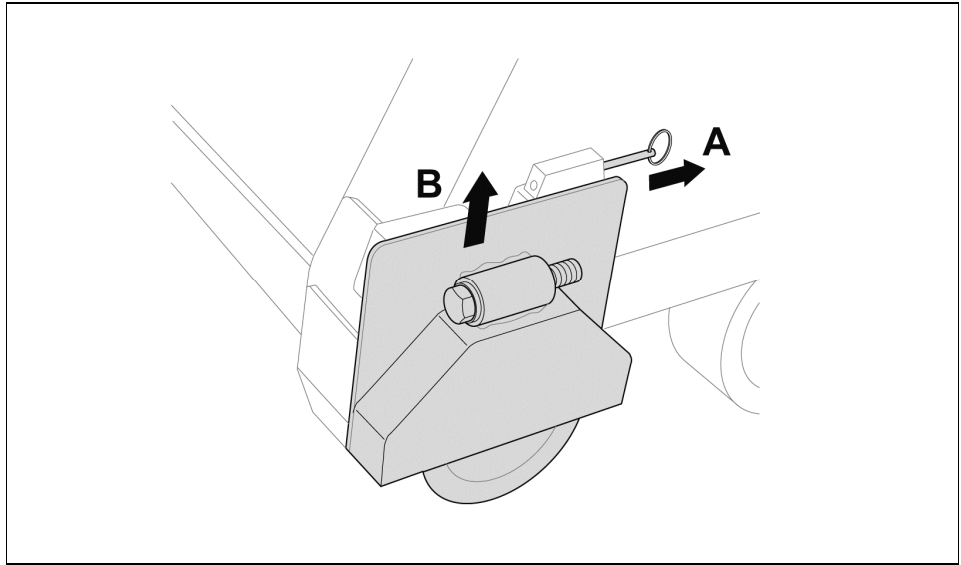
C: To prevent the saw blade rotating while being tightened, carefully place the saw blade on the floor.

6.4 Mounting saw blade on the other side

6.4.1 Disassemble the blade guard



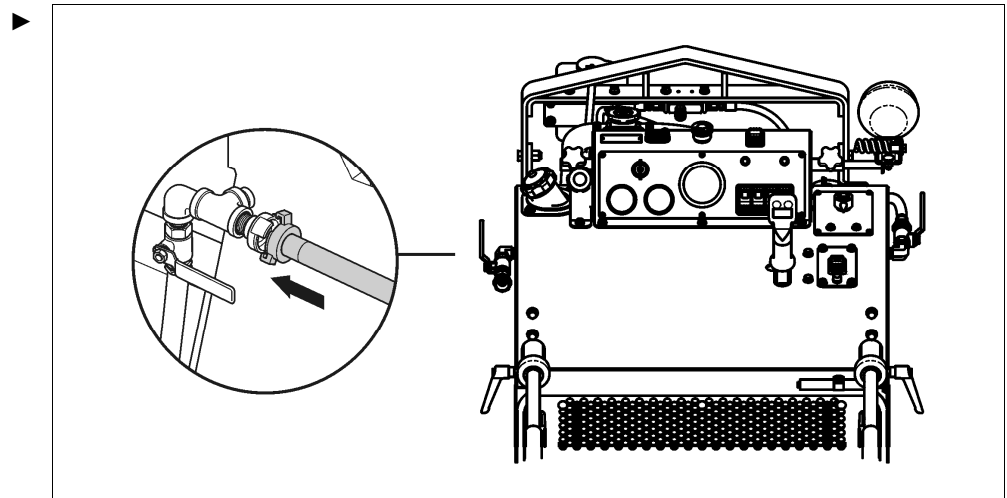
6.4.2 Disassemble the shaft cover



6.4.3 Assembling the blade guard and shaft cover on the other side

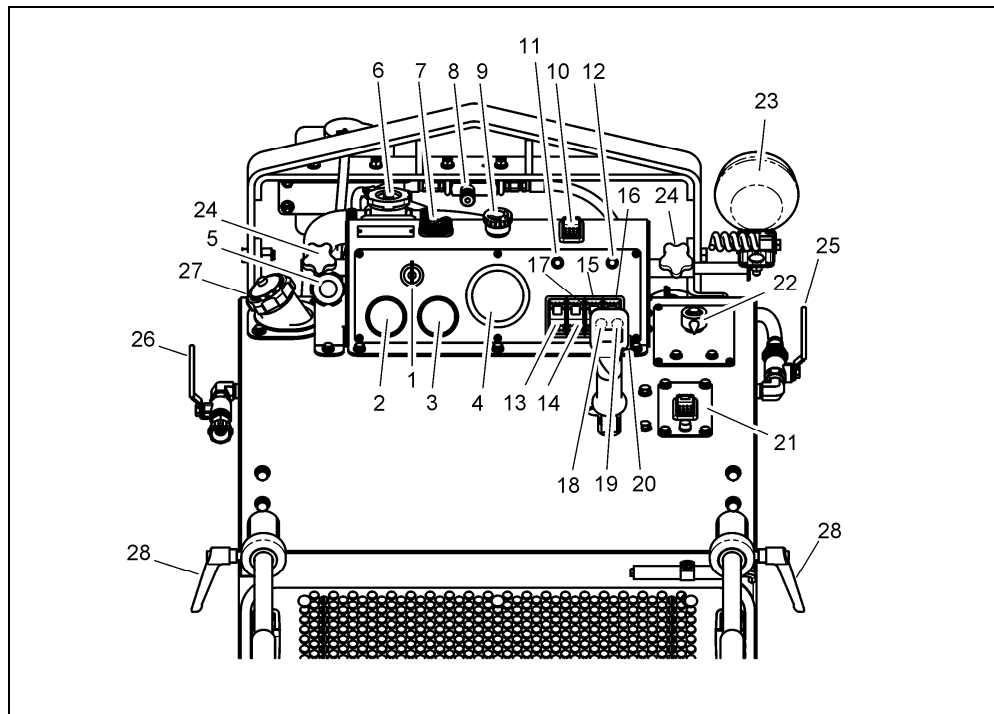
Assembly of the blade guard and the shaft cover is performed in the opposite order to disassembly.

6.5 Connecting water line



7 Operation

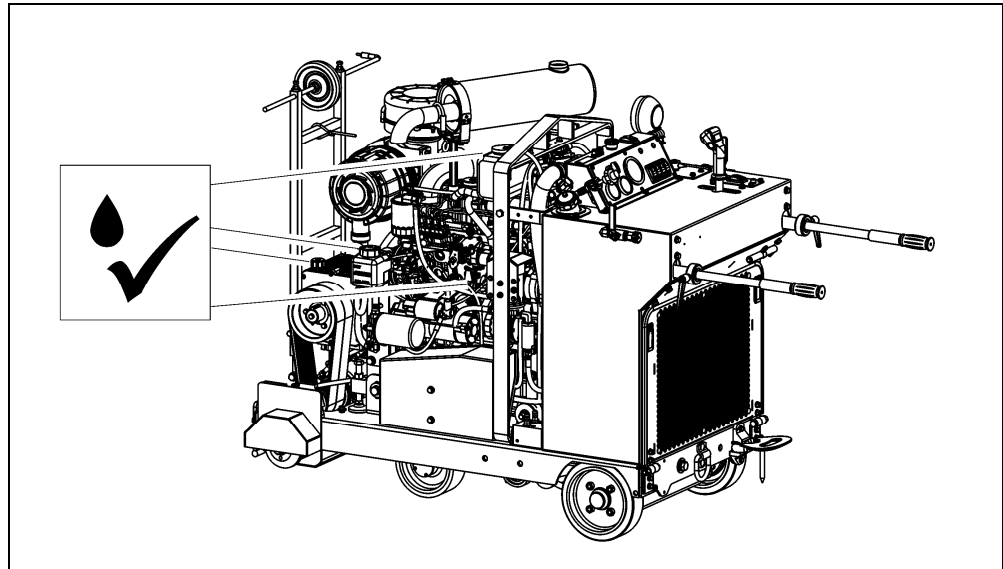
7.1 Overview of operating elements



Operating elements

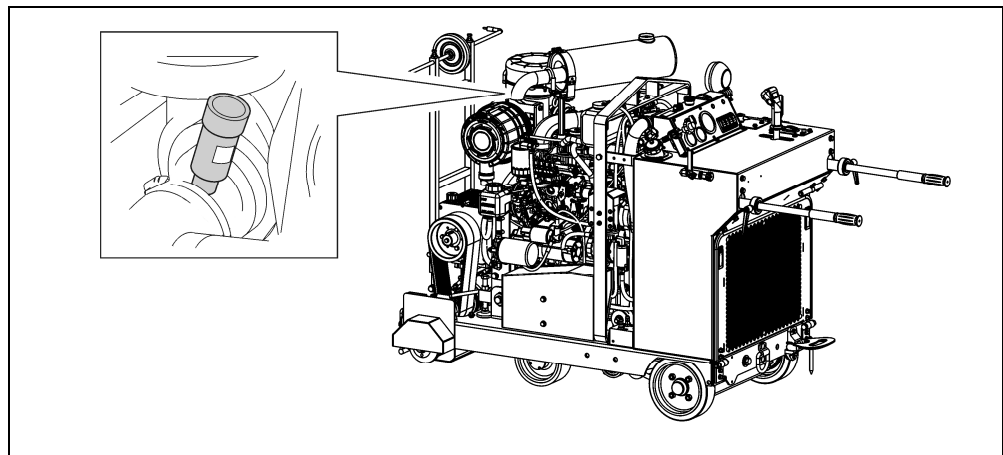
1	Ignition switch	11	Water ON / OFF indicator	21	Saw blade coupling switch
2	Coolant temperature display	12	Cut depth storage indicator	22	Cutting depth indicator
3	Engine warning light	13	Water ON / OFF switch	23	Floodlight unit
4	Blade speed indicator	14	Brake ON / OFF switch	24	Angle adjustment floodlight unit
5	Engine flue gas	15	Floodlight switch	25	Water regulation
6	Cover for cooler	16	Switch (optional)	26	Water delivery ON / OFF
7	Rope holder for cut indicator	17	Travel speed lever	27	Fuel filler cap
8	Control valve	18	Switch "raise"	28	Locking handle
9	Emergency Stop	19	Switch "lower"		
10	Cut depth storage switch	20	Height adjustment handle		

7.2 Check oil and cooling water levels



► Note the details from the motor manufacturer.

7.3 Checking the air filter

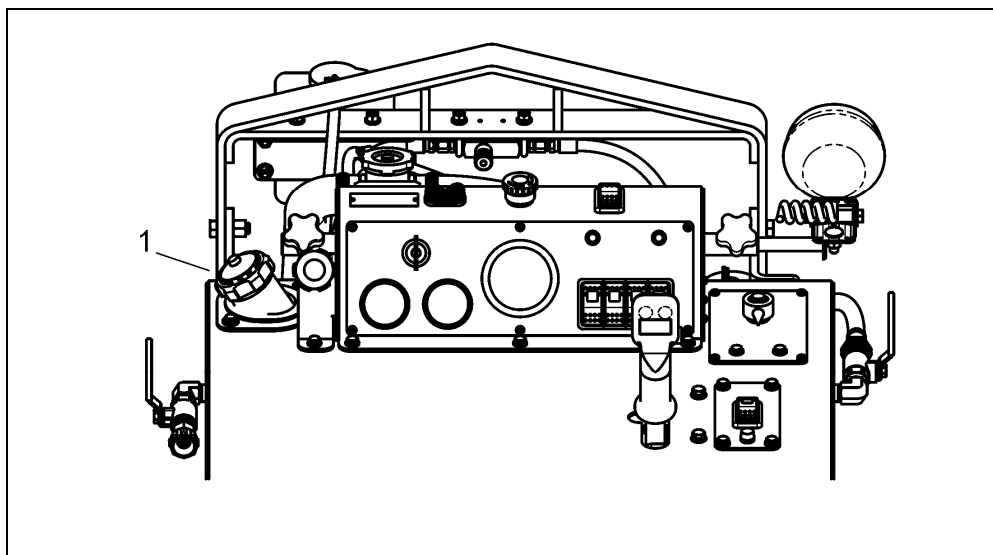


The display in the window has the following significance:

Display colour	Significance
Yellow	Air filter in good order
Red	Air filter blocked

► If the air filter is blocked, it must be changed.

7.4 Checking the fuel level

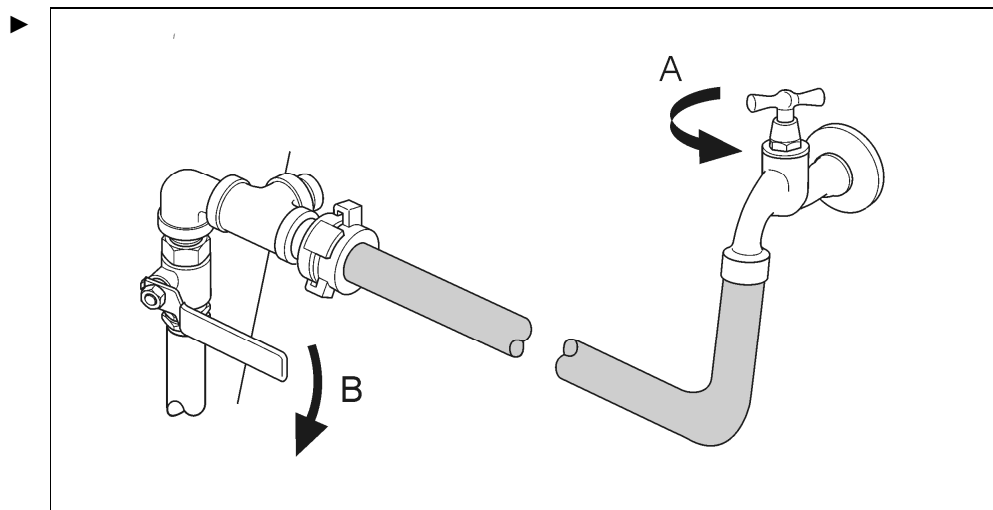


- ▶ Check the tank display (1) and top up with diesel as necessary.

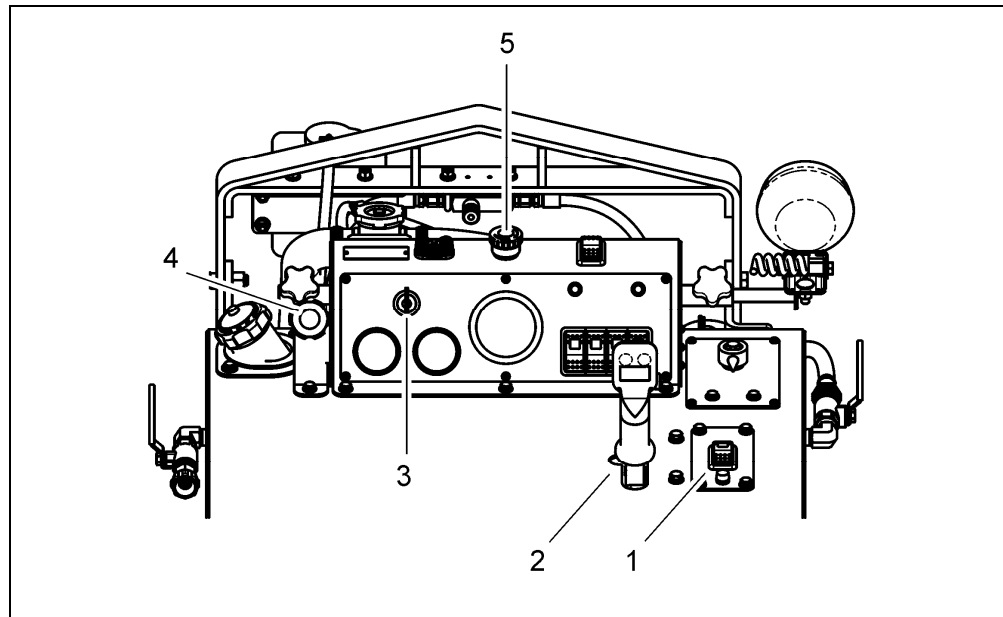
7.5 Positioning the floor saw

1. Slide floor saw into the working position.
2. Fit the cutting guides to the floor saw.

7.6 Connecting the water supply



7.7 Switch on motor



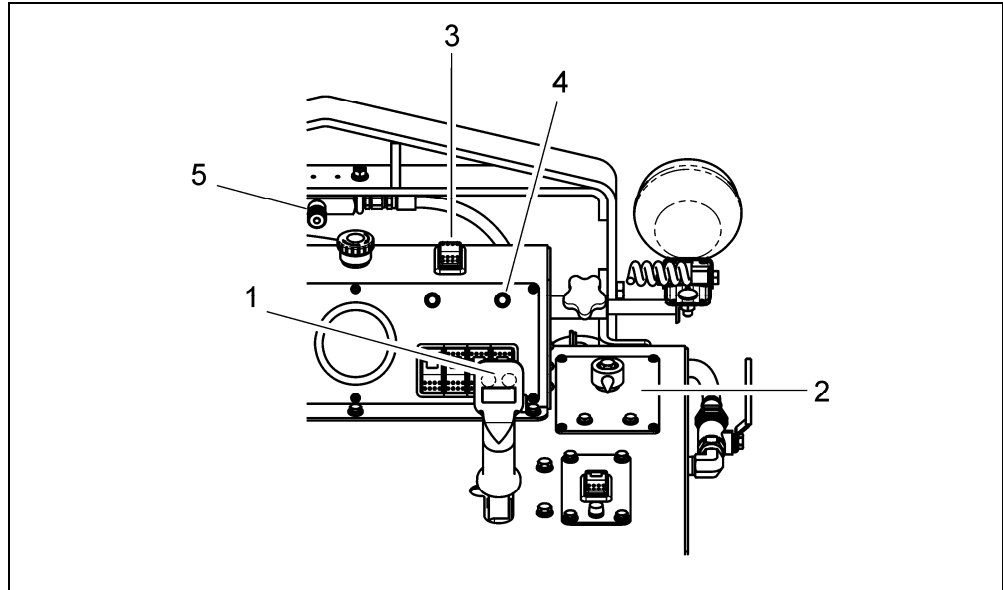
Symbol	Significance
	Coupling lever in coupled position
	Coupling lever in uncoupled position

- ✓ Operating handle (2) engaged in **0** position
- ✓ Coupling lever (1) is in the uncoupled position
- ✓ **EMERGENCY STOP** switch (5) has been released

1. Turn ignition key (3) to the preheat position in order to preheat the motor.
2. Turn ignition key further to the right in order to start.
Battery and oil pressure displays light during starting and then go out.
3. With engine speed controller (4) set optimum blade speed.

7.8 Lowering / raising saw blade

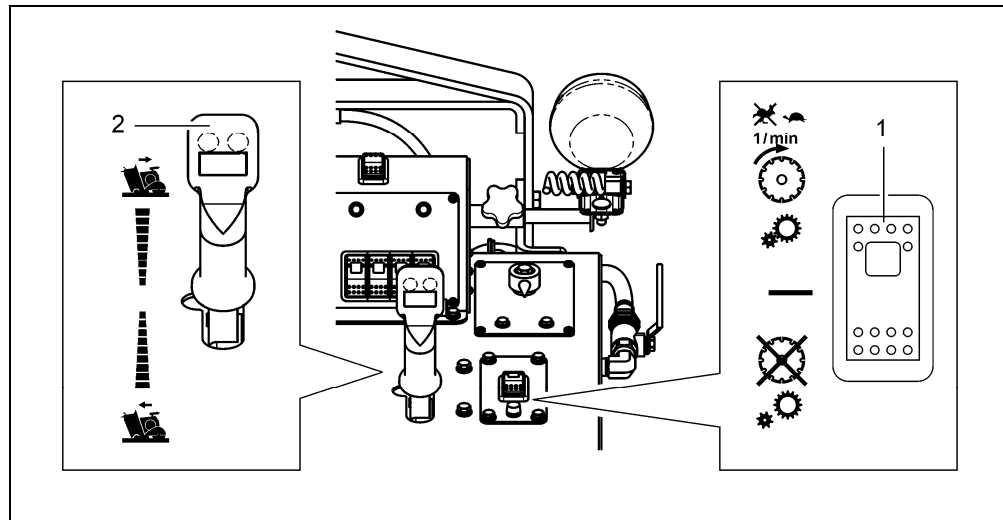
7.8.1 Lowering example



1. Press the **Lower** button (1) until the saw blade touches the material to be cut.
2. Set the cutting depth indicator (2) in the **0** position.
3. Using the **Lower** key, lower the saw blade to the desired cutting depth.
4. Button depth stop (3) min. press forward for 3 seconds. Light (4) comes on.
5. The lowering speed can be controlled using the control valve (5).

In order to deactivate the stored cutting depths, gently raised the saw blade and move back flip switch (3).

7.9 Adjusting the feed

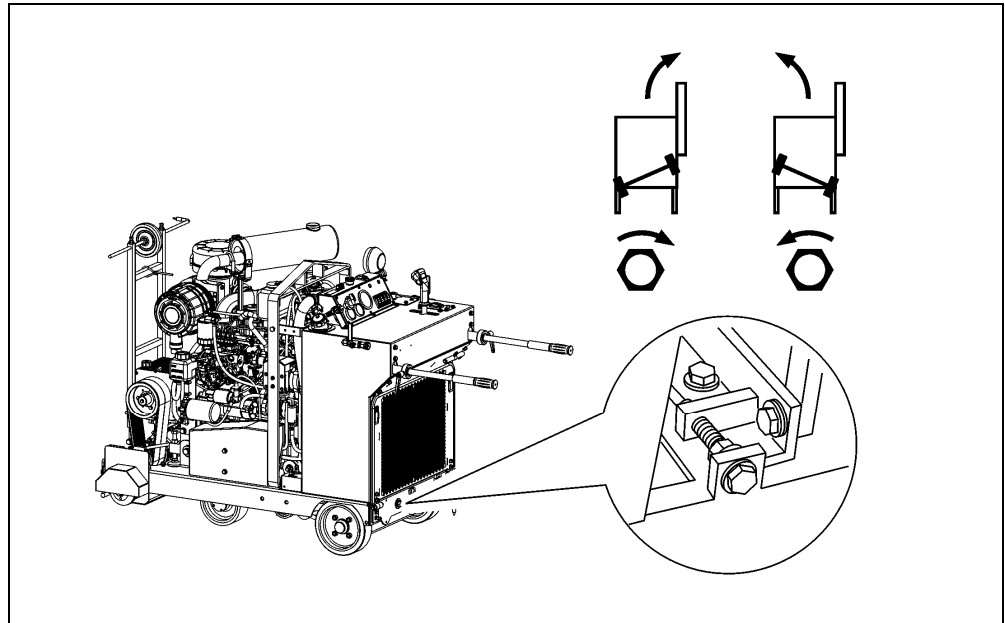


Symbol	Significance
	Coupling lever in coupled position
	Coupling lever in uncoupled position
	Feed adjuster in the forwards direction of travel
	Feed adjuster in the backwards direction of travel

- ✓ Feed adjuster is in the neutral position
- ✓ Brake is released

1. Place coupling lever (1) in the coupled position.
Important: Only engage coupling at low engine speed (blade speed)
2. Using the feed adjuster (2). Set the direction of travel and speed.

7.10 Correcting the tracking



Correcting the tracking

- ▶ If the saw blade drifts, adjust the rear axle with the adjusting screw.

7.11 Gear selection procedure for 3-speed gearbox



DANGER

Failure to follow instructions can result in death or serious injury.

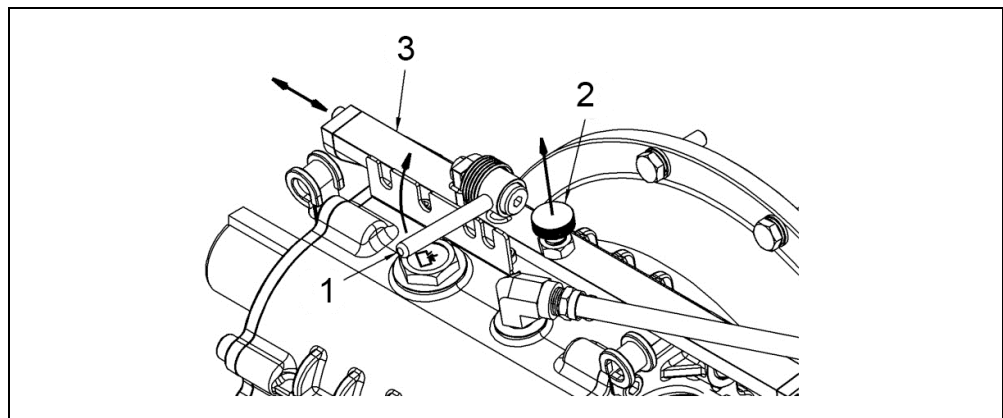
The gear can only be changed if the motor is stationary. Never tamper with the gear selection mechanism with the motor running.

7.11.1 Gear selection procedure



INFORMATION

No tools are required for the entire selection procedure.



1. Stop the motor.
2. Open the motor cover.
3. Push the gear selection lever (1) upwards and release the locking mechanism (2).
4. Slide the gear selection lever to the desired gear position.

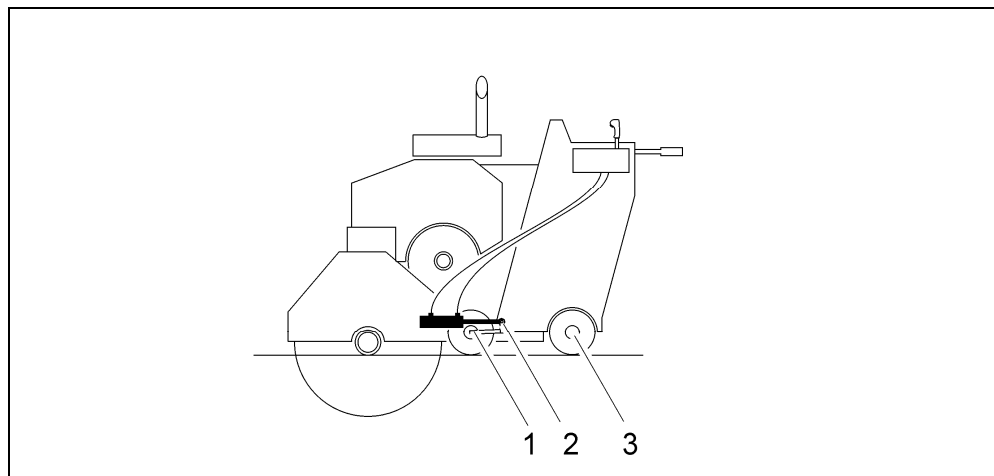
Gear position (designations)	
M = Medium	▶ Medium speed
L = Low	▶ Low speed
N = Neutral	▶ No gear engaged
H = High	▶ High speed

5. Push the gear selection lever (1) into the recess for the required gear position.
6. Secure the gear position using the locking element (2).

8 Maintenance

When?	What?
Daily	<ul style="list-style-type: none"> ▶ Check oil level. ▶ Perform a visual check for damage.
Weekly	<ul style="list-style-type: none"> ▶ Check belt tension and adjust if necessary.
Every 50 hours of operation	<ul style="list-style-type: none"> ▶ Lubricate grease nipples.
Annually or every 100 operating hours	<ul style="list-style-type: none"> ▶ Arrange a major service by TYROLIT Hydrostress AG or an authorised representative.
According to the information from the motor manufacturer	<ul style="list-style-type: none"> ▶ Carry out all necessary measures in accordance with the operating instructions of the motor manufacturer.

8.1 Grease nipples



Position of grease nipples

- 1 Bearing lifting shaft
- 2 Cylinder eye
- 3 Bearing wheel drive

9 Malfunctions

Malfunction	Possible cause	Solution
Floor saw does not operate	EMERGENCY STOP switch has been pressed.	▶ Release EMERGENCY STOP switch.
Saw blade jammed	Saw blade is jammed in the cutting material	▶ Reverse the floor saw. ▶ If necessary release the saw blade by rocking. ▶ If necessary stop the motor, disassemble the saw blade and release this individually from the cutting material.
Saw blade does not rotate even though the motor is running	Belt tension too slack	▶ Tension or replace belt.
	Pulling pin on the anchoring flange has sheared off	▶ Mount new anchoring flange.
Feed not working	Operation of the control rods impaired	▶ Check control rods and repair as necessary.
	Defective hydrostat	▶ Check hydrostat and if necessary have this repaired by a TYROLIT Hydrostress engineer.
Motor running off centre	Wrong fuel	▶ Switch off motor immediately and change fuel.
	Diesel filter blocked	▶ Have diesel filter changed.
Battery display lights	Defective contacts on the connection between battery and generator	▶ Check contacts and re-establish these as necessary.
	Inadequate battery charging	▶ Charge or change battery.
	Battery is over charged	▶ Check alternator
Oil temperature display lights	Oil temperature too high	▶ Allow floor saw to run under no load until temperature display goes off.
	Too little oil	▶ Top up oil.
Oil pressure display lights	Defective oil pump	▶ Have oil pump changed.
Motor temperature display pointer in red zone	Motor overloaded	▶ Allow motor to run under no load for a few minutes. ▶ Check coolant level

10 Technical data

10.1 Dimensions

Parameter	Value
Weight	987 kg
Cutting depth (max.)	500 mm
Blade uptake diameter	25.4 mm
Max. saw blade diameter	1,200 mm
Dimensions (transport dimensions with blade guard folded up)	L: 1,615 mm W: 930 mm H: 1,335 mm

10.2 Motor

Parameter	Value
Type	KUBOTA
Power	74 PS
Rated speed	According to operating instructions from motor manufacturer
Oil content	According to operating instructions from motor manufacturer
Tank content	34 l
Fuel	Diesel
Cooling	Water cooling / Air cooling

10.3 Lift drive

Parameter	Value
Drive type	Electro-hydraulic
Oil grade	ATF Dexron II D

10.4 Travel drive

Parameter	Value
Drive type	Hydraulic
Oil grade	ATF Dexron II D
Cooling	Air cooling

10.5 Noise level and vibrations

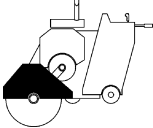
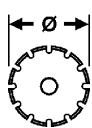
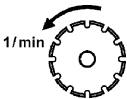
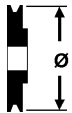
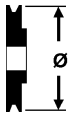
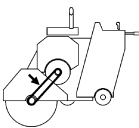

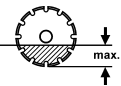
Parameter	Value	
	FSD1274★★★	FSD1274 3- Gang★★★
Noise level at workplace (L _{PA})	96,9 dB(A)*	91,3 dB(A)*
Sound power level in accordance with ISO 3744 (L _{WA})	116,9 dB(A)*	111,3 dB(A)*
Vibrations DIN EN ISO 5349-2	< 2,5 m/s ²	

*Value applies under the following condition: Travel drive is switched off and the saw blade is not engaged. The measurement is performed with the motor under full load with the saw blade dia. 900 mm. Higher noise levels may be generated in cutting operation.

10.6 Battery

Parameter	Value
Description	Battery 12-Volt Group Size 24
DP battery part number	EODP 2800465
Length	260 mm
Width	173 mm
Height	225 mm
Capacity	70 Ah
Manufacturer's reference	P7029

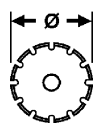

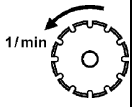
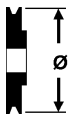

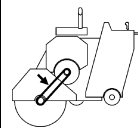

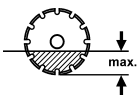

10.7 Cutting data FSD1274 ★★★

Blade guard	Blade Ø	Blade rpm	Belt pulley diameter bottom	Belt pulley diameter top	Belt size	Flange diameter Blade uptake	Cut depth
20" / 500 mm	500 mm	2,475	3.65"	6.5"	3VX530	5" / 127 mm	185
26" / 600 mm	600 mm	2,075	4"	6"	3VX530	5" / 127 mm	235
30" / 700 mm	700 mm	1,725	4.5"	5.6"	3VX530	5" / 127 mm	285
36" / 900 mm	900 mm	1,475	4.75"	5"	3VX530	6" / 152 mm	370
42" / 1,000 mm	1,000 mm	1,175	4.75"	4"	3VX355	7" / 178 mm	410
48" / 1,200 mm	1,200 mm	1,050	4.75"	4"	3VX355	8" / 203 mm	500
							



The belt pulley should only be changed by an engineer from TYROLIT Hydrostress or a trained worker.

10.8 Cutting data FSD1274 ★★★ 3-speed gearbox

Blade Ø	operation	Blade rpm	Belt pulley diameter bottom	Belt pulley diameter bottom	Belt size	Flange diameter Blade uptake	Cut depth	Motors rpm
700 mm	H (High)	1700	4.75"	4.75"	3VX450	8" / 203 mm	285	2800
1000 mm	M (Medium)	1250	4.75"	4.75"	3VX450	8" / 203 mm	410	2800
1200 mm	L (Low)	975	4.75"	4.75"	3VX450	8" / 203 mm	500	2800
								



The gear may only be changed if the motor is stationary. Never tamper with the gear selection mechanism with the motor running.

EC declaration of conformity

Description	Floor Saw
Type designation	Floor Saw FSD1274★★★ / FSD1274★★★ 3-Speed gearbox
Year of construction	2010
Manufacturer	TYROLIT Hydrostress AG

We declare under our own liability that this product complies with the following directives and standards:

Directive applied

Machine Directive	2006/42/EC
Noise Emission	2000/14/EC
Exhaust Directives	2004/26/EC

Standards

EN 12100	Safety of machinery – Basic concepts, general design principles.
EN 13862	Floor cutting-off machines. Safety.
EN 982	Safety of machinery Safety requirements for safety systems and their components – Hydraulics.
EN ISO 3744	Acoustics – Determination of sound power levels of noise sources using sound pressure

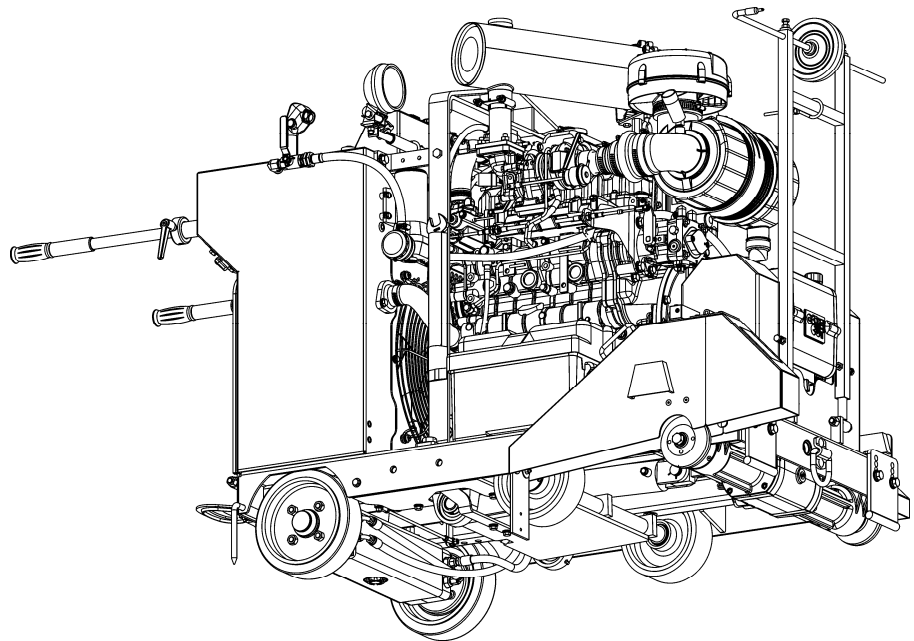
Instrucciones de servicio

Cortadora de juntas

FSD1274★ ★ ★

FSD1274★ ★ ★ 3 marchas

Índice 001



¡Enhorabuena!

Se ha decidido por un acreditado equipo TYROLIT Hydrostress y, con ello, por un estándar líder desde el punto de vista tecnológico. Sólo las piezas de recambio originales de TYROLIT Hydrostress garantizan calidad e intercambiabilidad. Nuestro compromiso de garantía quedará extinguido en caso de que los trabajos de mantenimiento se realicen de forma descuidada o inadecuada. Todas las reparaciones deben ser ejecutadas únicamente por personal profesional especializado.

Para conservar su equipo TYROLIT Hydrostress en perfecto estado, tiene a su disposición nuestro servicio de atención al cliente.

Le deseamos un trabajo productivo sin problemas ni fallos.

TYROLIT Hydrostress

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CH-8330 Pfäffikon
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Telefax 0041 (0) 44 952 18 00

1 Seguridad



Estas instrucciones son sólo una parte de la documentación de producto que acompaña a la cortadora de juntas. Estas instrucciones se completan con el "Manual de seguridad / Descripción de sistema para cortadoras de juntas".

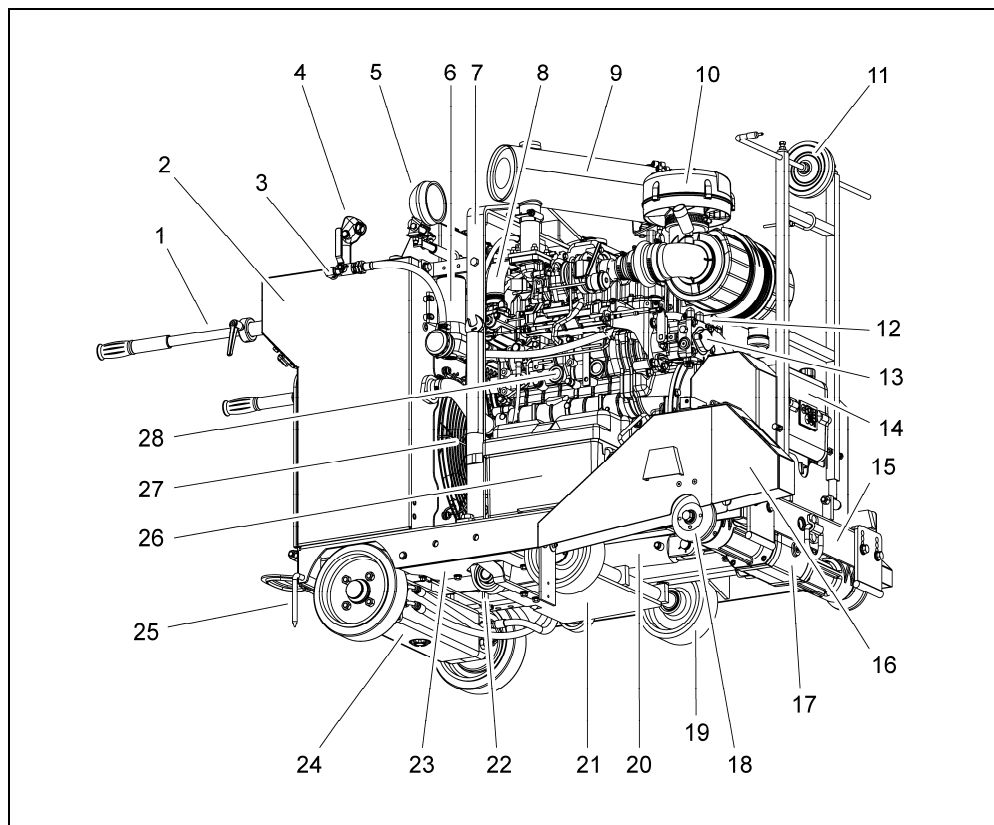


PELIGRO

La no observancia durante el trabajo de las indicaciones de seguridad incluidas en el "Manual de seguridad / Descripción de sistema" puede ser causa de lesiones graves e incluso de muerte.

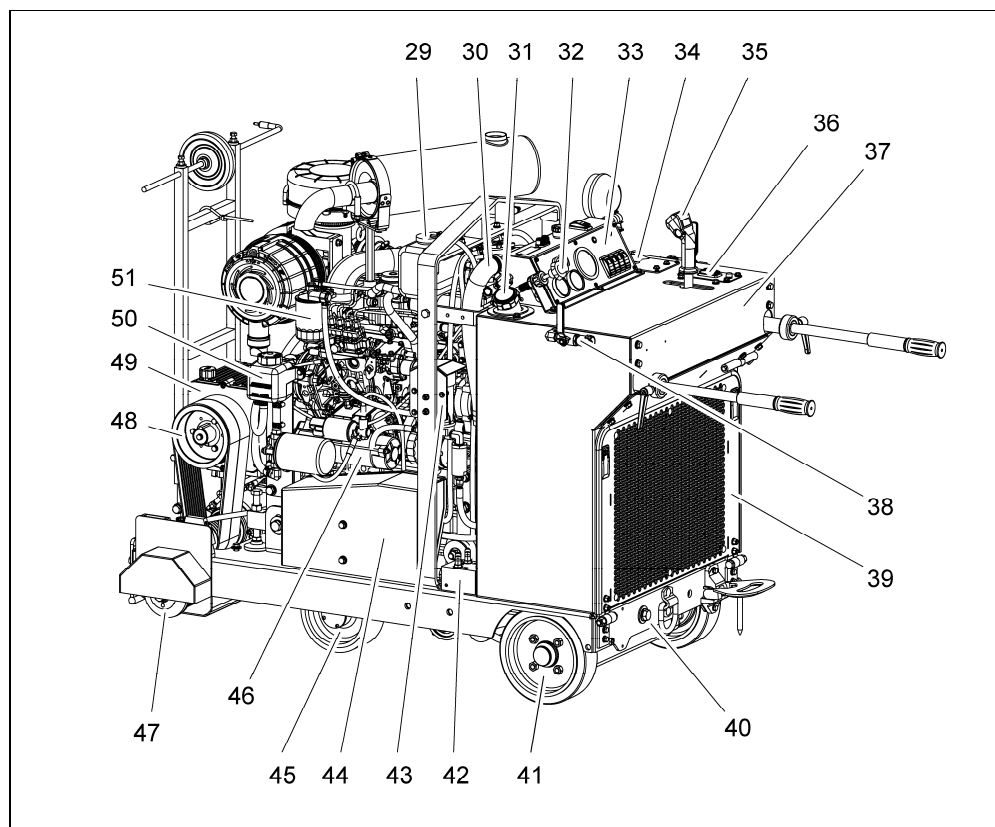
- ▶ Es necesario cerciorarse de que el "Manual de seguridad / Descripción de sistema para cortadoras de juntas" se ha leído y comprendido por completo.

2 Estructura



Componentes

1	Agarre	11	Rodillo para indicador de corte	21	Chasis elevador
2	Unidad de mando	12	Válvula de agua	22	Cojinete del chasis elevador
3	Llave del agua	13	Hidrostato	23	Chapa de fondo
4	Palanca de manejo	14	Engranaje del accionamiento del disco de corte	24	Accionamiento de traslación
5	Faro	15	Armazón	25	Indicador de corte detrás
6	Bomba de agua	16	Protección del disco	26	Batería
7	Dispositivo de enganche por grúa	17	Engranaje intermedio	27	Ventilador para refrigerador
8	Tubería de agua refrigerante	18	Brida del disco de corte	28	Motor
9	Escape / silenciador	19	Ruedas		
10	Filtro de aire	20	Cilindro elevador		

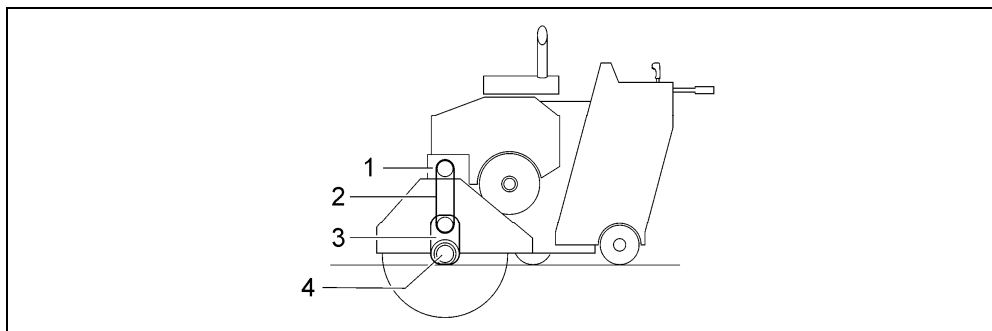


Componentes

29	Depósito de expansión del agua de refrigeración	37	Chasis / Tarjeta de identificación	45	Rueda
30	Tubería de agua refrigerante	38	Acometida de agua	46	Motor de arranque
31	Tubuladura de relleno del depósito	39	Cubierta del radiador	47	Brida del disco de corte
32	Cable acelerador	40	Ajuste de convergencia	48	Rueda de accionamiento
33	Interruptor de manejo	41	Rueda de accionamiento	49	Engranaje del accionamiento del disco de corte
34	Indicación de la profundidad de corte	42	Bloque de válvulas del accionamiento de traslación	50	Depósito de aceite del accionamiento de traslación
35	Palanca de manejo	43	Bomba de aceite	51	Filtro / Diesel
36	Conmutador del engranaje del disco de corte	44	Bomba hidráulica del cilindro elevador		

3 Funcionamiento

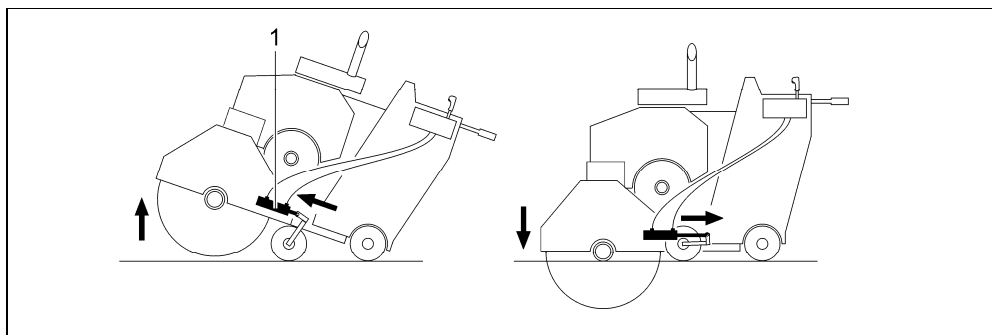
3.1 Accionamiento del disco de corte



Accionamiento del disco de corte (esquemáticamente)

- | | | | |
|---|-------------------------|---|---|
| 1 | Engranaje angular | 3 | Engranaje intermedio |
| 2 | Correa de accionamiento | 4 | Árbol de accionamiento del disco de corte |

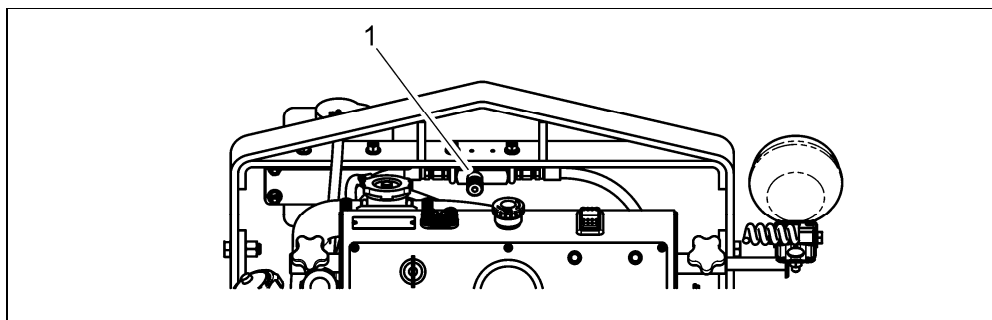
3.2 Accionamiento elevador



Accionamiento elevador (esquemáticamente)

- | | |
|---|---------------------|
| 1 | Cilindro hidráulico |
|---|---------------------|

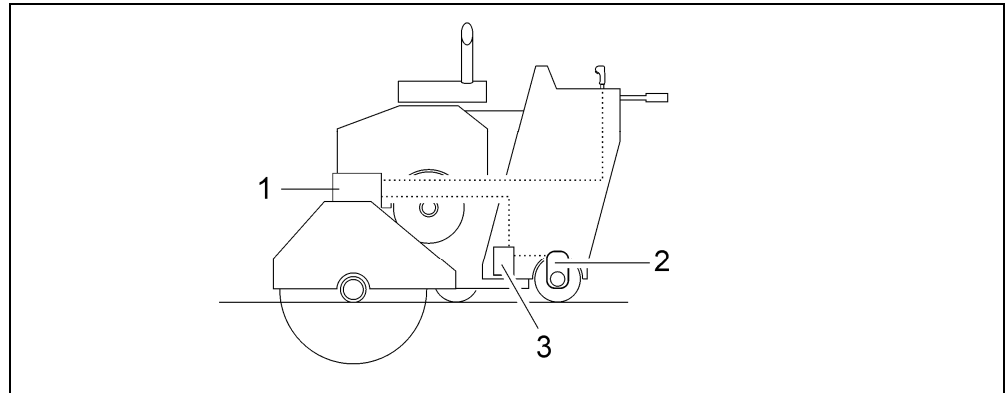
3.3 Reducir la velocidad del disco de corte



Reducir la velocidad del disco de corte

- | | |
|---|--|
| 1 | Válvula de reducción de velocidad del disco de corte |
|---|--|

3.4 Accionamiento de traslación



Accionamiento de traslación (esquemáticamente)

- 1 Hidrostatato
- 2 Motor hidráulico
- 3 Conexión / desconexión del bloque de válvulas del accionamiento de traslación

4 Transporte

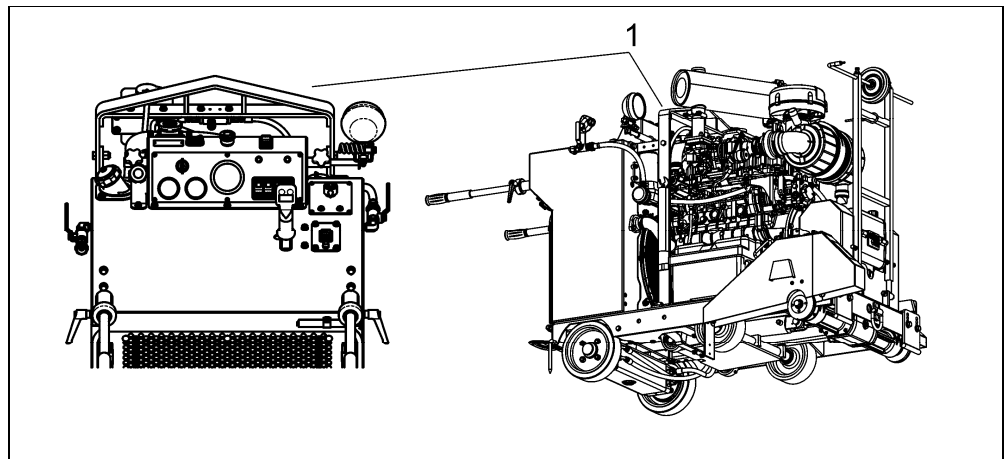


PELIGRO

Muerte o lesiones graves por transporte inadecuado.

- ▶ Las cortadoras de juntas sólo se debe transportar con el motor principal desconectado.
- ▶ Utilizar sólo vehículos de transporte, equipos elevadores y mecanismos de suspensión de carga con la suficiente capacidad de carga.
- ▶ Enganchar la cortadora de juntas sólo por los puntos de suspensión previstos.
- ▶ Nombrar a operadores expertos.
- ▶ En caso de transporte por grúa, no permanecer debajo de cargas suspendidas.
- ▶ Mantener vigilada la cortadora de juntas durante el transporte.

4.1 Punto de suspensión

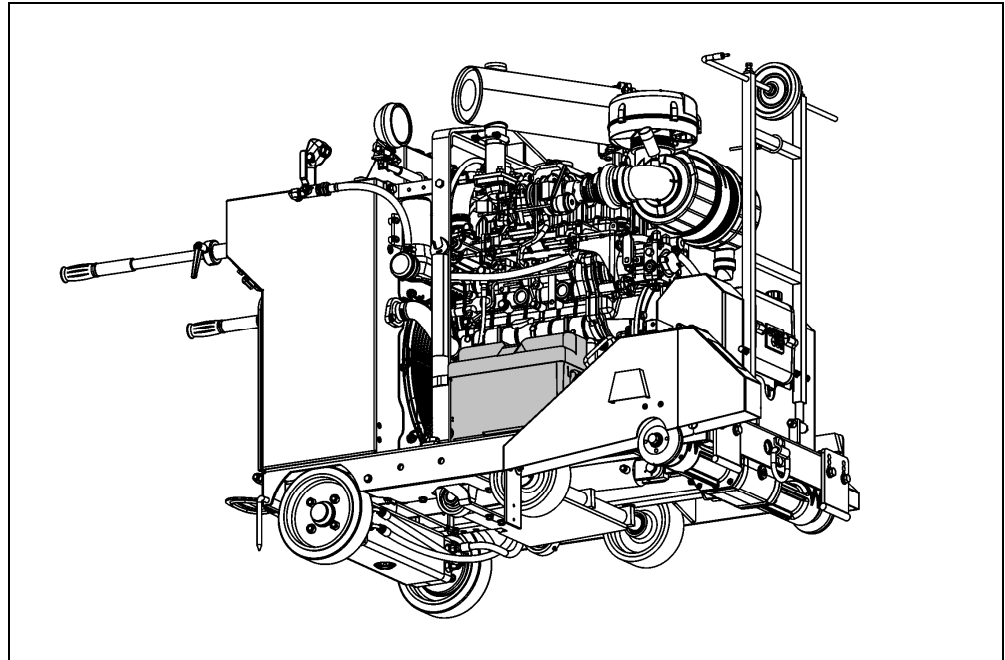


Punto de suspensión

1 Dispositivo de enganche por grúa

5 Primera puesta en servicio

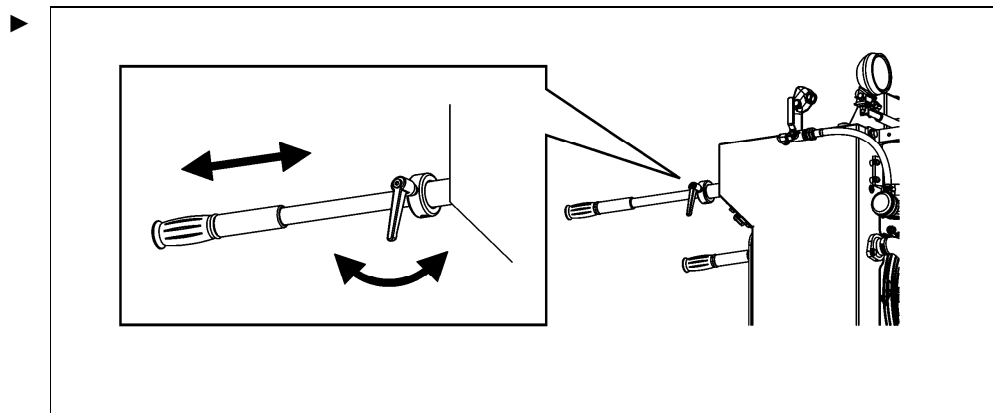
5.1 Montar la batería



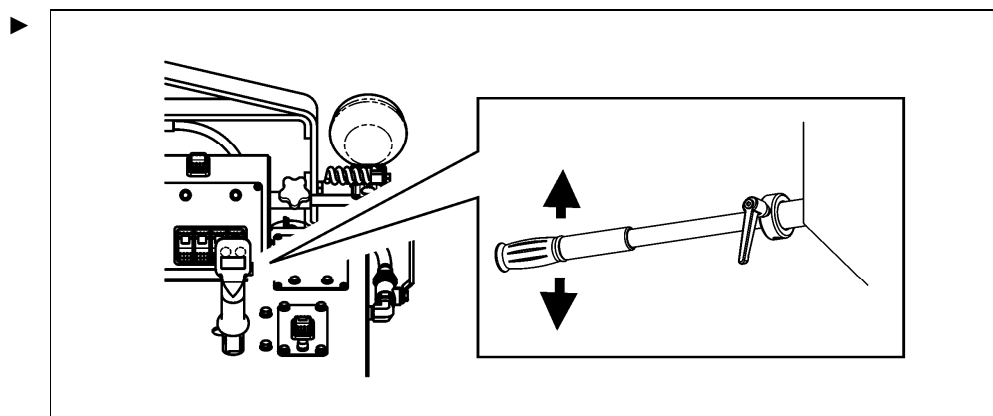
- ▶ Montar la batería (tipo, véase el capítulo Datos técnicos).

6 Montaje / Ajuste

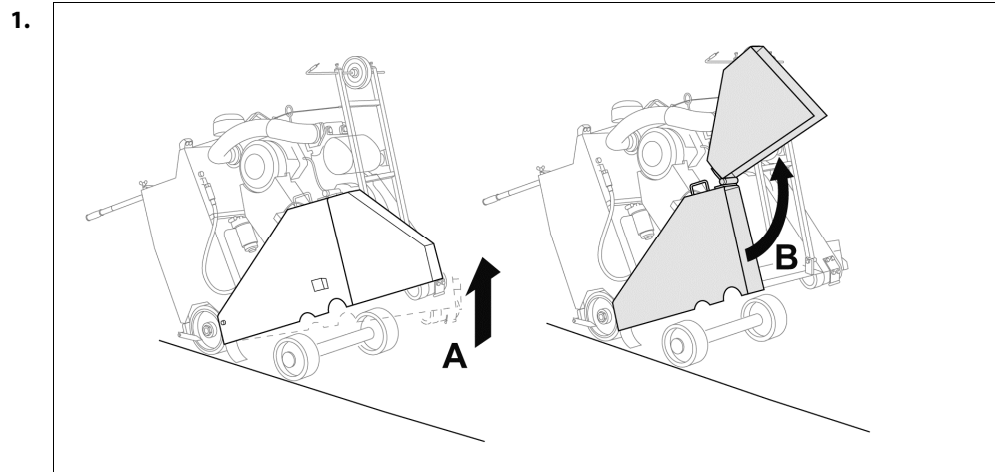
6.1 Montar agarres



6.2 Ajuste de altura de los agarres



6.3 Montar el disco de corte



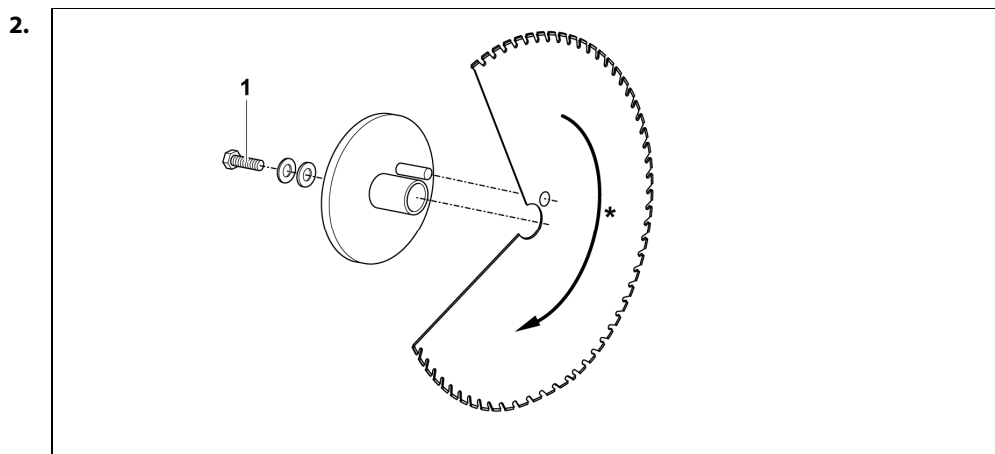
PELIGRO

Peligro de muerte o lesiones graves por piezas despedidas (segmentos, astillas de hormigón, disco de corte, etc.).

- ▶ La cortadora de juntas sólo debe funcionar con protección del disco.
- ▶ En caso de montaje del disco de corte en el lado derecho, utilizar el tornillo de fijación con rosca izquierda.
En caso de montaje del disco de corte en el lado izquierdo, utilizar el tornillo de fijación con rosca derecha.

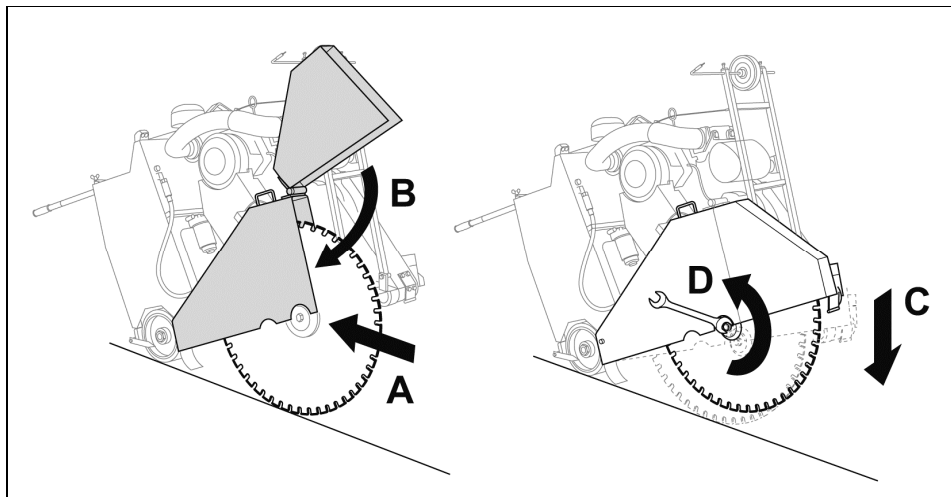


- ▶ Observar la flecha de sentido de giro en el disco de corte.



- 1 Tornillo de fijación
* Observar el sentido de giro

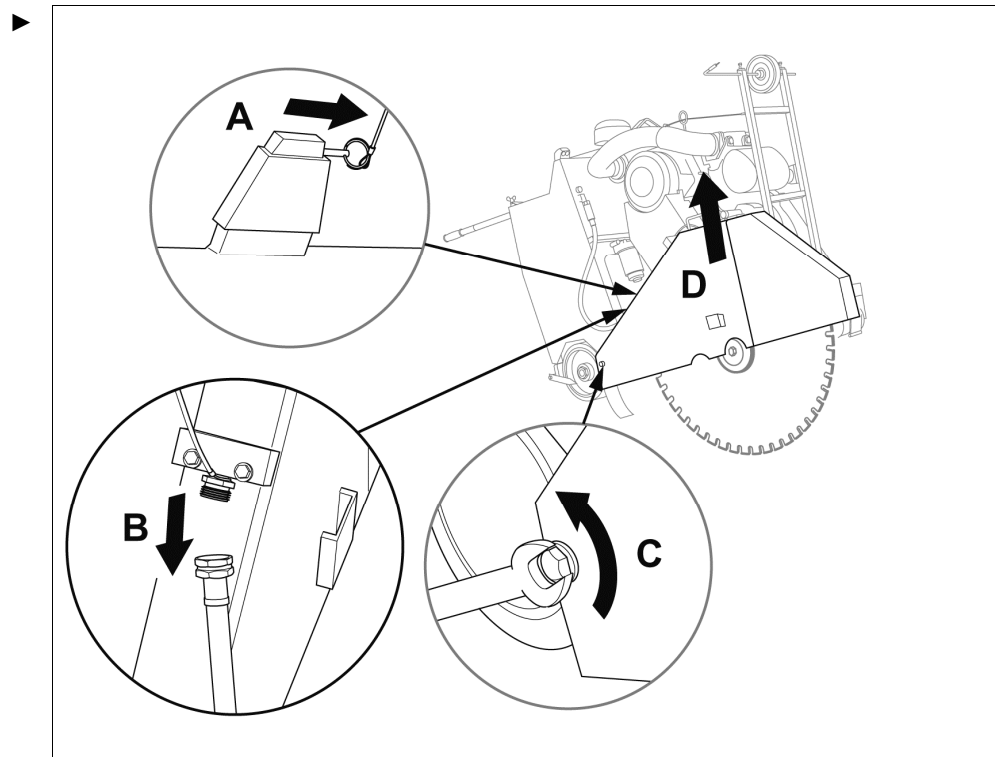
3.



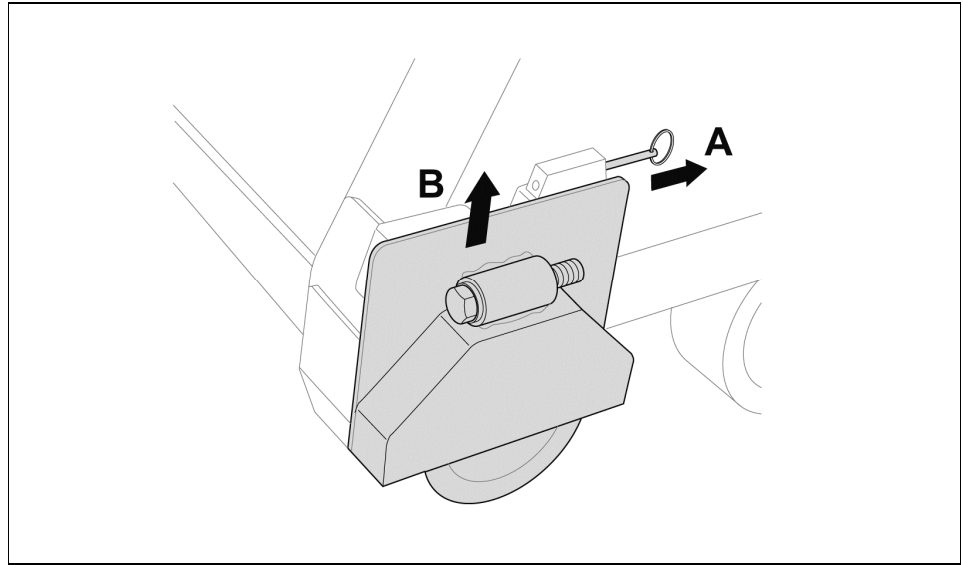
C: Para evitar que el disco de corte gire al apretarlo, colocar el disco de corte cuidadosamente sobre el suelo.

6.4 Montar el disco de corte en el otro lado

6.4.1 Desmontar la protección del disco



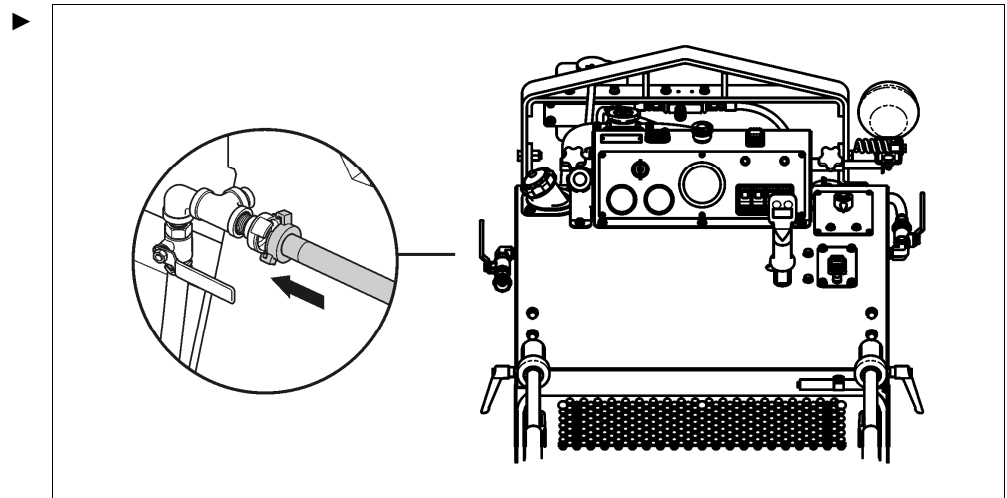
6.4.2 Desmontar la cubierta de árboles



6.4.3 Montar la protección del disco y la cubierta de árboles en el otro lado

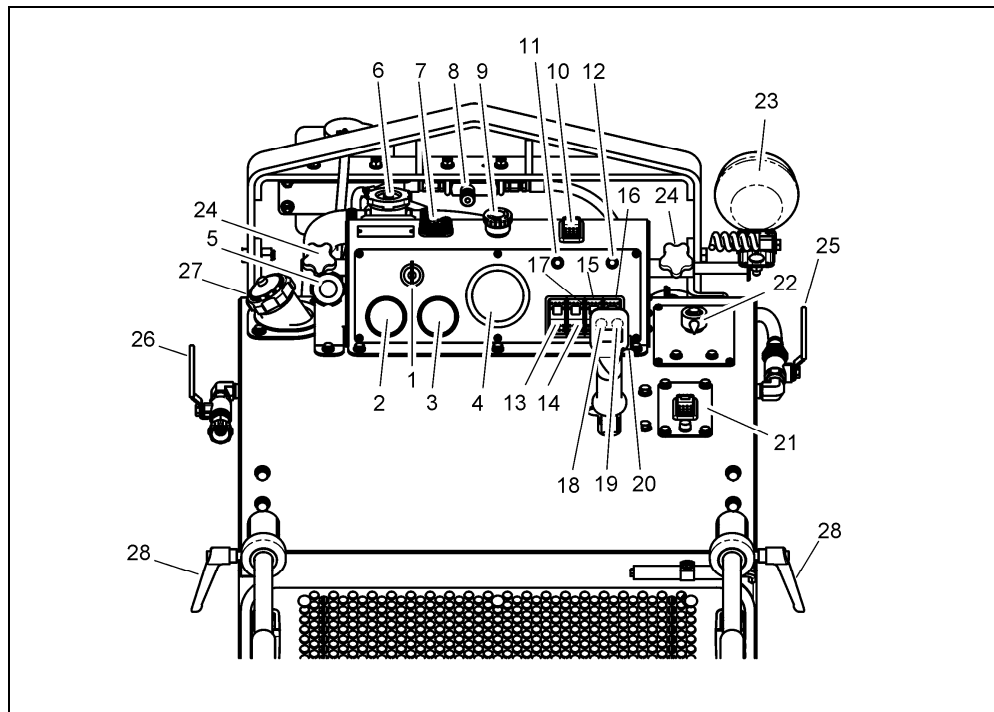
El montaje de la protección del disco y la cubierta de árboles se realiza en el orden inverso al de desmontaje.

6.5 Conectar la tubería de agua



7 Operación

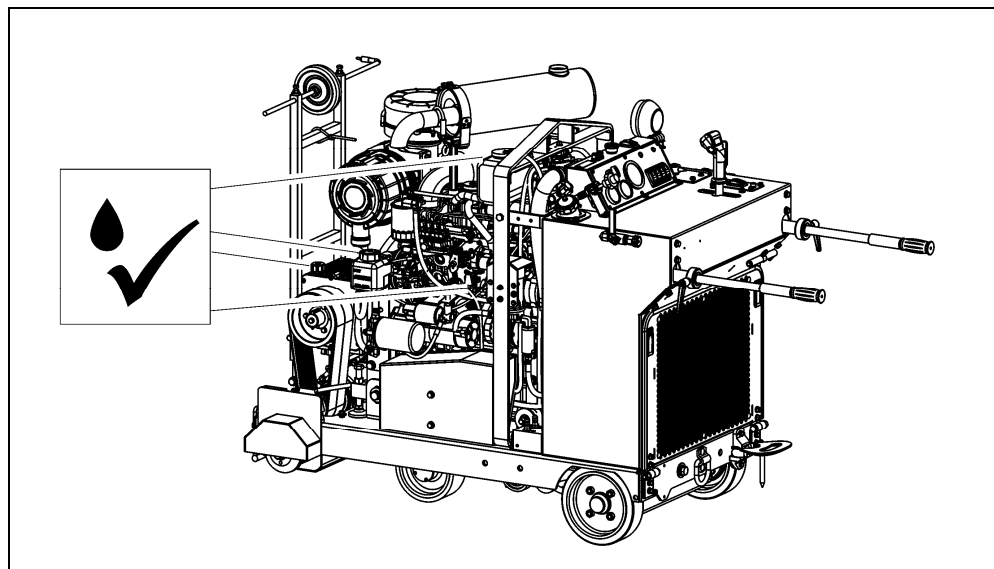
7.1 Presentación general de los elementos de mando



Elementos de mando

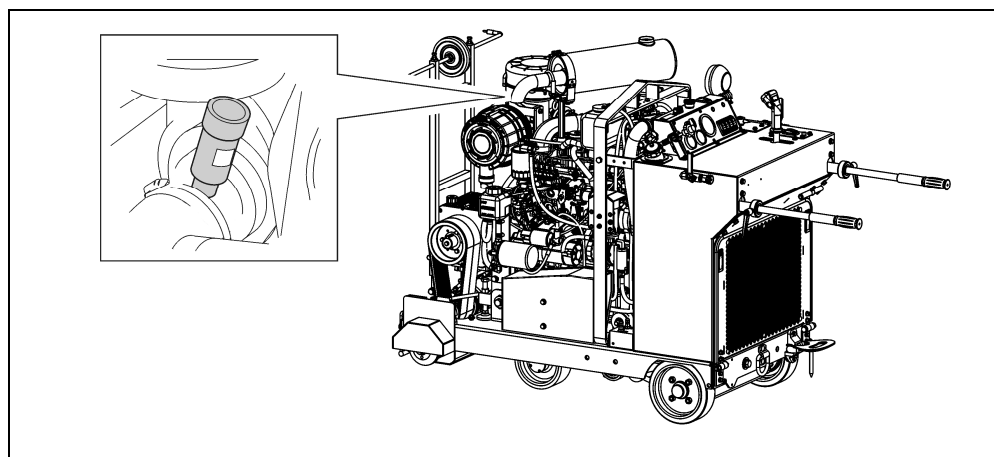
1	Interruptor de encendido	11	Indicación de conexión/desconexión del agua	21	Interruptor del acoplamiento del disco de corte
2	Indicador de la temp. del refrigerante	12	Indicación de memorización de la profundidad de corte	22	Marca de profundidad de corte
3	Testigo de advertencia del motor	13	Interruptor de conexión/desconexión del agua	23	Luz del faro
4	Cuentarrevoluciones del disco	14	Interruptor de conexión/desconexión del freno	24	Ajuste del ángulo de la luz del faro
5	Cable acelerador del motor	15	Interruptor del faro	25	Regulación del agua
6	Tapa para refrigerador	16	Interruptor (opcional)	26	Conexión/desconexión de la alimentación de agua
7	Soporte de hilo para indicador de corte	17	Palanca de velocidad de marcha	27	Tubuladura de relleno de combustible
8	Válvula de regulación	18	Interruptor de elevación	28	Palanca de apriete para empuñadura
9	Pulsador de paro de emergencia	19	Interruptor de descenso		
10	Interruptor de memorización de la profundidad de corte	20	Ajuste de altura de los agarres		

7.2 Comprobar el nivel de aceite y los niveles de agua refrigerante



► Observar las indicaciones del fabricante del motor.

7.3 Comprobar el filtro de aire

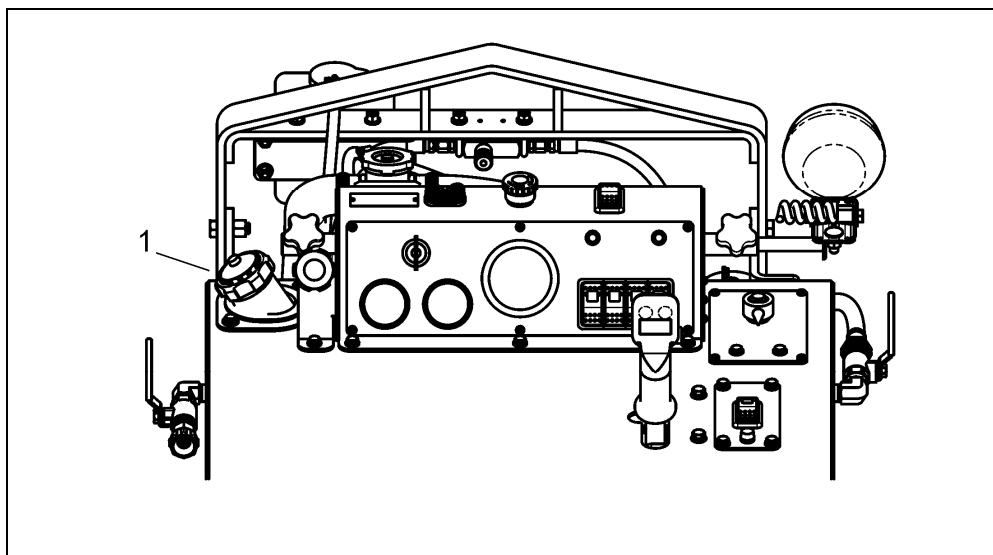


La indicación de la mirilla tiene el siguiente significado:

Color de la indicación	Significado
Amarillo	Filtro de aire correcto
Rojo	Filtro de aire obstruido

► Si el filtro de aire está obstruido, debe sustituirse.

7.4 Comprobar el nivel de combustible

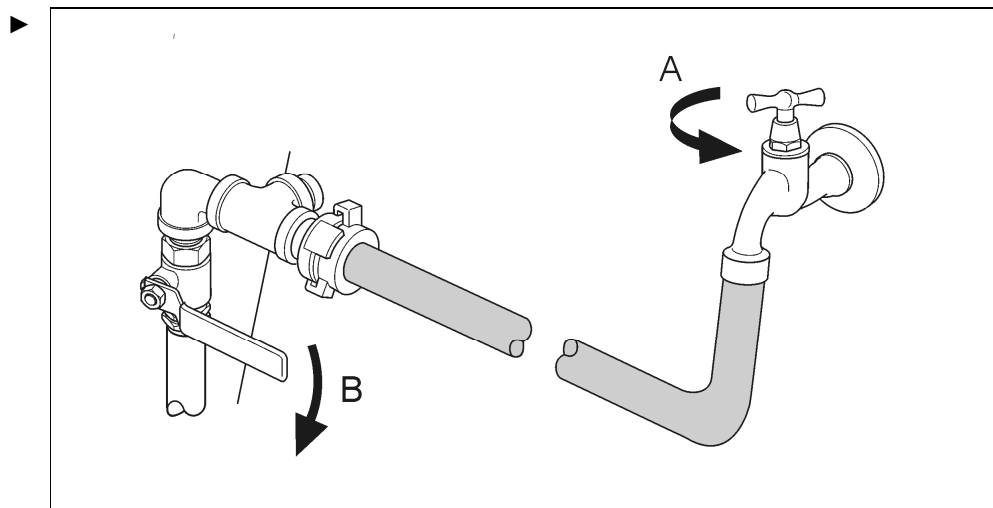


- ▶ Comprobar la indicación del depósito (1) y, llegado el caso, rellenar con diésel.

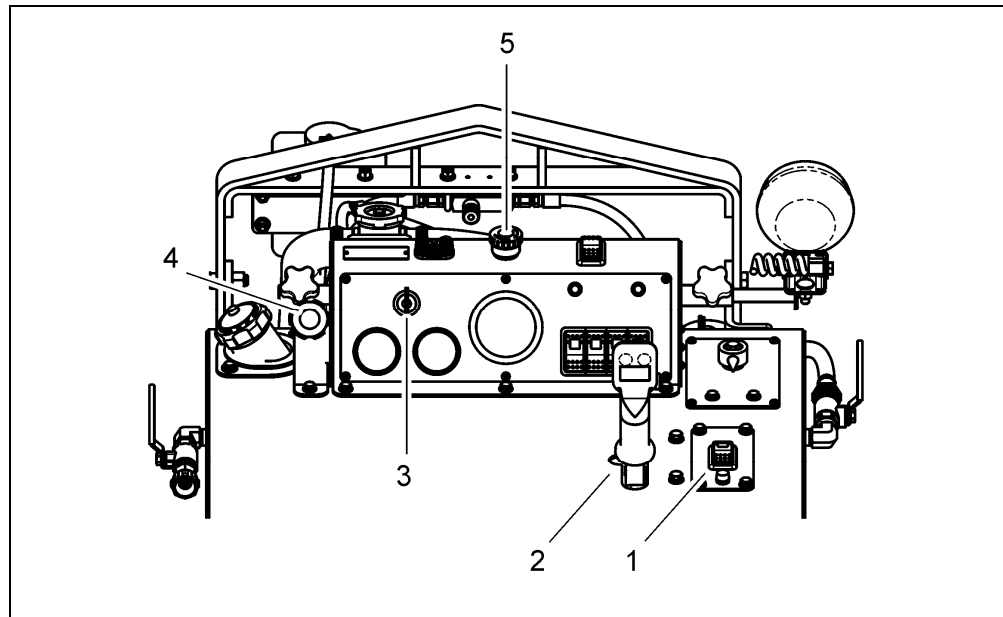
7.5 Posicionar la cortadora de juntas



1. Llevar la cortadora de juntas a la posición de trabajo.
2. Alinear la cortadora de juntas con los indicadores de corte.

7.6 Establecer la alimentación de agua



7.7 Conectar el motor



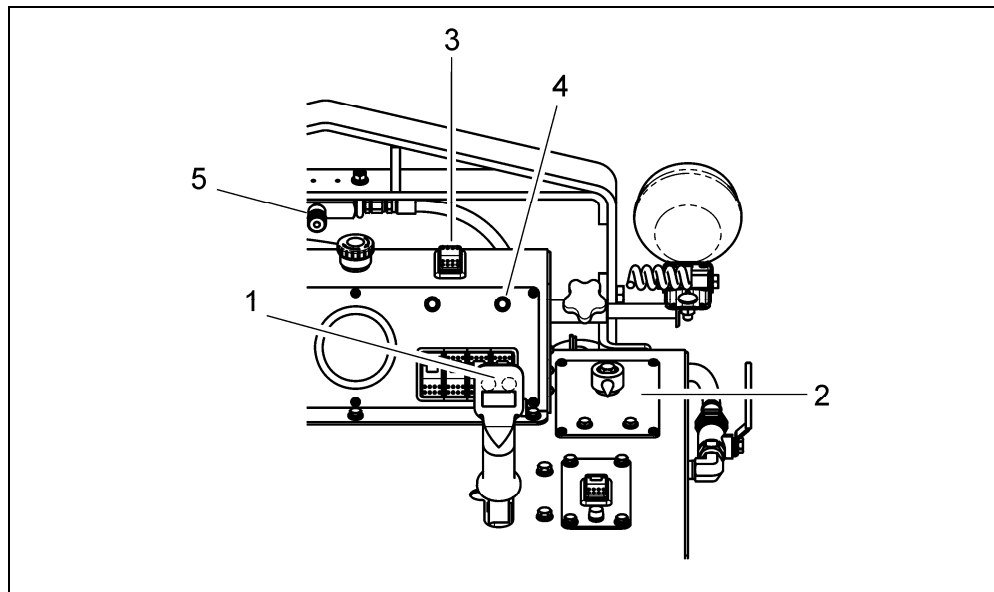
Símbolo	Significado
	Interruptor de acoplamiento, posición acoplado
	Interruptor de acoplamiento, posición desacoplado

- ✓ Palanca de manejo (2) enclavada en la posición **0**
- ✓ El interruptor de acoplamiento (1) está en posición desacoplado
- ✓ El interruptor **paro de emergencia** (5) se ha soltado

1. Colocar la llave de encendido (3) en la posición de precalentamiento hasta que se apague el indicador luminoso de precalentamiento.
2. Seguir girando la llave de encendido a la derecha para arrancar.
La indicación de batería y de presión de aceite se iluminan durante el arranque y se apagan de nuevo.
3. Ajustar la velocidad óptima del disco de corte con el regulador de velocidad del motor (4).

7.8 Subir / bajar el disco de corte

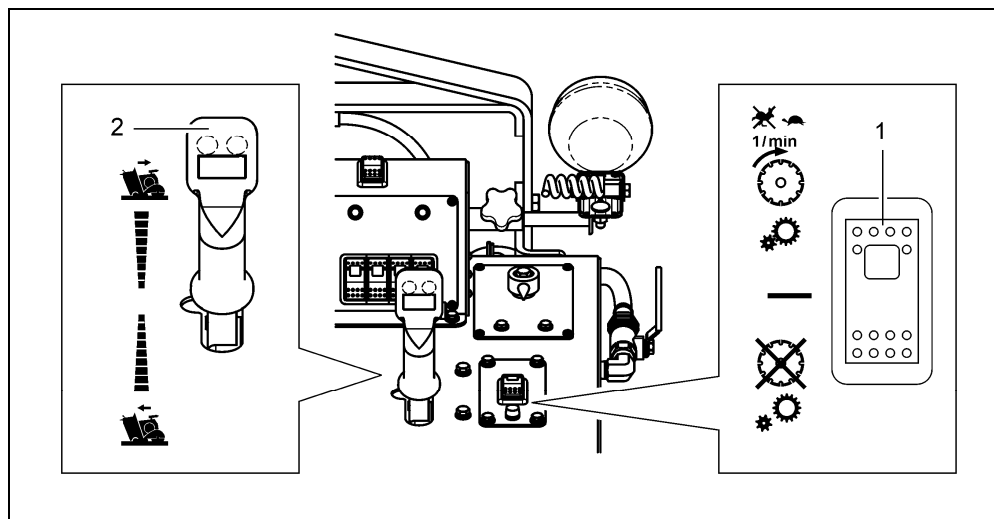
7.8.1 Ejemplo bajar



1. Mantener pulsada la tecla **bajar** (1) hasta que el disco de corte toque el material de corte.
2. Colocar el indicador de profundidad de corte (2) en la posición **0**.
3. Bajar el disco de corte con la tecla **bajar** hasta la profundidad de corte deseada.
4. Presionar la tecla del tope de profundidad (3) como mínimo durante 3 segundos, la lámpara (4) se ilumina.
5. La velocidad de descenso se puede regular mediante la válvula de control (5).

Para desactivar la profundidad de corte memorizada, levantar ligeramente el disco de corte y reponer el interruptor basculante (3).

7.9 Ajustar avance

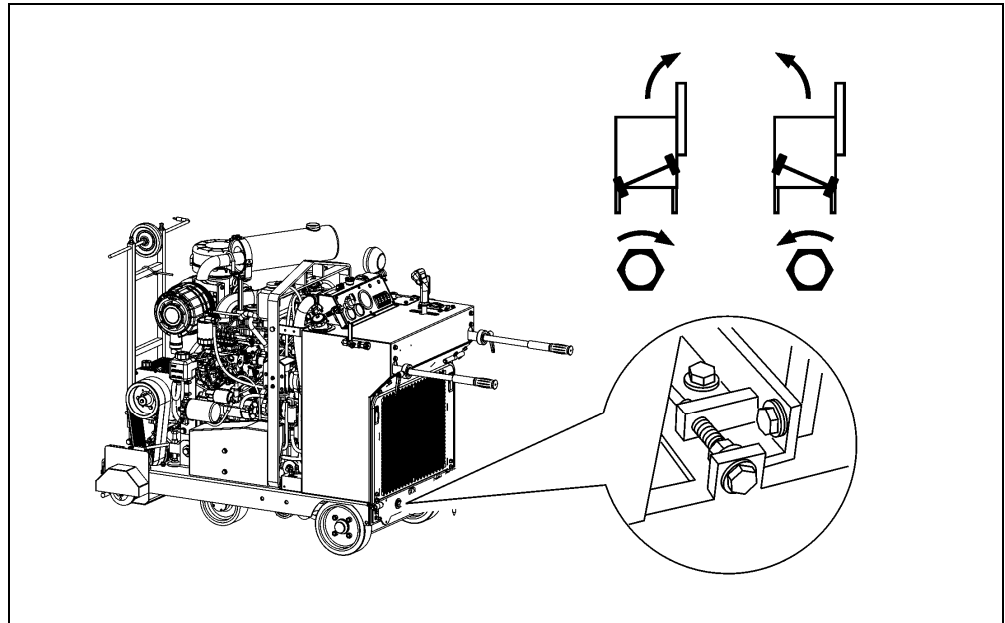


Símbolo	Significado
	Interrupción de acoplamiento, posición acoplado
	Interrupción de acoplamiento, posición desacoplado
	Regulador de avance, sentido de marcha adelante
	Regulador de avance, sentido de marcha atrás

- ✓ El regulador de avance está en la posición neutra
- ✓ El freno está suelto

1. Colocar el interruptor de acoplamiento (1) en la posición acoplado.
Importante: acoplar únicamente con una velocidad del motor reducida (velocidad del disco de corte)
2. Ajustar el sentido de marcha y la velocidad con el regulador de avance (2).

7.10 Corregir el mantenimiento de recorrido



Corregir el mantenimiento de recorrido

- Si el corte de sierra se desvía, ajuste el eje trasero de rueda con el tornillo de ajuste.

7.11 Procedimiento de cambio de marcha en el engranaje de 3 marchas



PELIGRO

¡Muerte o lesiones graves por un manejo inadecuado!

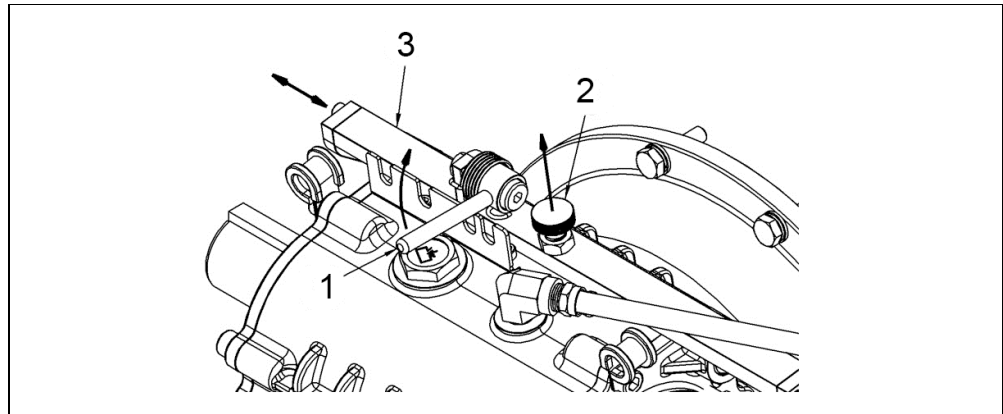
La marcha únicamente puede cambiarse cuando el motor está parado. No realizar manipulaciones en el dispositivo de cambio con el motor en marcha.

7.11.1 Procedimiento de cambio de marcha



INFORMACIÓN

No se necesitan herramientas para el procedimiento de cambio de marcha.



- 1.
1. Parar el motor.
2. Abrir el capó del motor.
3. Empujar la palanca de cambio (1) hacia arriba y soltar la retención (2).
4. Empujar la palanca de cambio a la posición de marcha deseada.

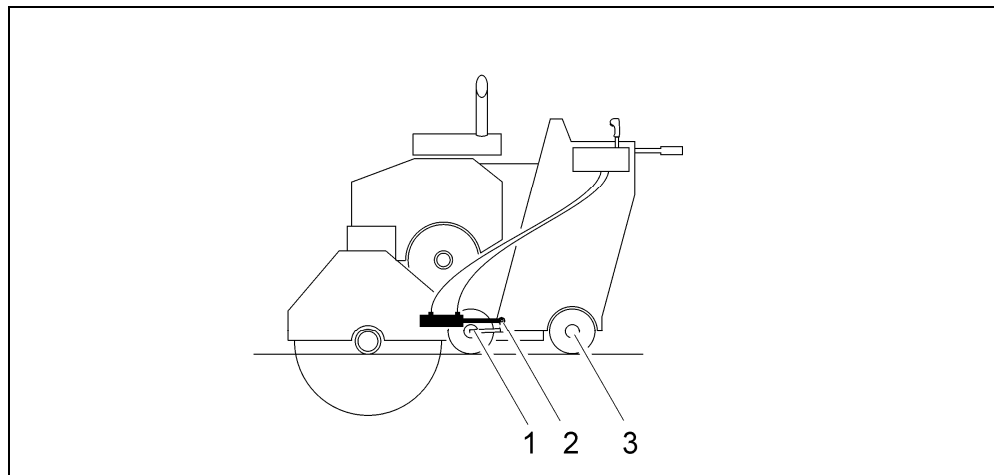
Posición de marcha (denominaciones)	
M = Medium	▶ Velocidad media
L = Low	▶ Velocidad baja
N = Neutral	▶ Ninguna marcha engranada
H = High	▶ Velocidad alta

5. Empujar la palanca de cambio (1) a la escotadura de la posición de marcha deseada.
6. Asegurar la posición de cambio con el elemento de retención (2).

8 Conservación

¿Cuándo?	¿Qué?
Diariamente	<ul style="list-style-type: none"> ▶ Controlar nivel de aceite. ▶ Realizar comprobación visual para determinar si existen daños.
Semanalmente	<ul style="list-style-type: none"> ▶ Comprobar la tensión de la correa y, llegado el caso, ajustarla.
Cada 50 horas de servicio	<ul style="list-style-type: none"> ▶ Engrasar el racor de lubricación.
Anualmente o cada 100 horas de servicio	<ul style="list-style-type: none"> ▶ Debe encargarse un servicio de mantenimiento profundo a TYROLIT Hydrostress AG o a un representante autorizado.
Según los datos del fabricante de motor	<ul style="list-style-type: none"> ▶ Todas las medidas necesarias deben realizarse según las instrucciones de servicio del fabricante del motor.

8.1 Racores de lubricación



Posición del racor de lubricación

- 1 Apoyo del eje de elevación
- 2 Ojo del cilindro
- 3 Cojinete del accionamiento de rueda

9 Averías

Avería	Posible causa	Eliminación
La cortadora de juntas no funciona	El interruptor paro de emergencia está pulsado.	▶ Soltar el interruptor de paro de emergencia .
Disco de corte bloqueado	Disco de corte atascado en el material de corte	▶ Desplazar hacia atrás la cortadora de juntas. ▶ En caso necesario, soltar el disco de corte haciéndolo oscilar. ▶ En caso necesario, parar el motor, desmontar el disco de corte y soltarlo del material de corte por separado.
El disco de corte no gira a pesar de que el motor está en funcionamiento	Tensión de correa demasiado débil	▶ Tensar la correa o encargar su cambio.
	Perno de arrastre cortado en la brida de fijación	▶ Montar una nueva brida de fijación.
El avance no funciona	Función mermada del varillaje de mando	▶ Comprobar el varillaje de mando y, en caso necesario, encargar su reparación.
	Hidrostato defectuoso	▶ Comprobar el hidrostato y, en caso necesario, encargar su reparación al departamento técnico de TYROLIT Hydrostress.
El motor marcha de forma irregular	Combustible inadecuado	▶ Desconectar inmediatamente el motor y cambiar el combustible.
	Filtro diésel obstruido	▶ Encargar el cambio del filtro diésel.
La indicación de batería está iluminada	Contactos en la comunicación entre batería y alternador defectuosos	▶ Comprobar los contactos y, llegado el caso, restablecerlos.
	Carga de batería insuficiente	▶ Cargar la batería o cambiarla.
	Se sobrecarga la batería	▶ Comprobar la dínamo
La indicación de la temperatura del aceite está iluminada	Temperatura del aceite excesiva	▶ Dejar la cortadora de juntas en funcionamiento sin carga hasta que la indicación de temperatura se apague.
	Nivel de aceite insuficiente	▶ Agregar aceite.
La indicación de la presión de aceite se ilumina	Bomba de aceite defectuosa	▶ Encargar el cambio de la bomba de aceite.
El indicador de la temperatura del motor está en la zona roja	La carga del motor es excesiva	▶ Dejar el motor en marcha algunos minutos sin carga. ▶ Controlar el nivel de refrigerante

10 Datos técnicos

10.1 Dimensiones

Parámetro	Valor
Peso	987 kg
Profundidad de corte (máx.)	500 mm
Ø de sujeción del disco	25,4 mm
Ø máx. del disco de corte	1.200 mm
Dimensiones (medidas de transporte con la protección del disco plegada hacia arriba)	Lo: 1.615 mm An: 930 mm Al: 1.335 mm

10.2 Motor

Parámetro	Valor
Tipo	KUBOTA
Potencia	74 CV
Número de revoluciones nominal	Según instrucciones de servicio del fabricante de motor
Contenido de aceite	Según instrucciones de servicio del fabricante de motor
Contenido del depósito	34 l
Combustible	Diésel
Refrigeración	Refrigeración de agua / refrigeración de aire

10.3 Accionamiento elevador

Parámetro	Valor
Tipo de accionamiento	Electrohidráulico
Calidad del aceite	ATF Dexron II D

10.4 Accionamiento de traslación

Parámetro	Valor
Tipo de accionamiento	Hidráulico
Calidad del aceite	ATF Dexron II D
Refrigeración	Refrigeración por aire

10.5 Nivel sonoro y vibraciones

Parámetro	Valor	
	FSD1274★★★	FSD1274 3- Gang★★★
Nivel sonoro en el puesto de trabajo (L _{PA})	96,9 dB(A)*	91,3 dB(A)*
Potencia acústica según ISO 3744 (L _{WA})	116,9 dB(A)*	111,3 dB(A)*
Vibraciones según DIN EN ISO 5349-2	< 2,5 m/s ²	

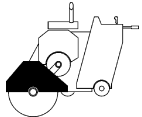
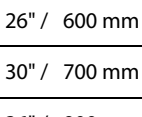
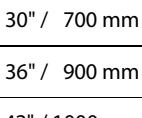
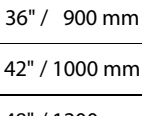
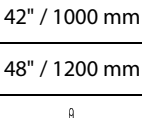

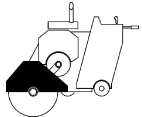
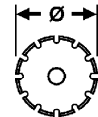
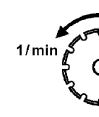
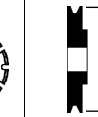
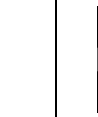
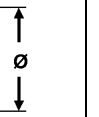
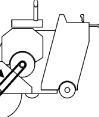
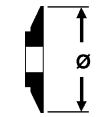
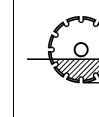
* El valor es válido con la siguiente condición: El accionamiento de traslación está desconectado y el disco de corte no está en ataque. La medición se ha realizado en parado, con el motor a plena carga con disco de corte Ø 900 mm. En el servicio de corte pueden surgir niveles de ruido más elevados.

10.6 Batería

Parámetro	Valor
Descripción	Batería de 12 voltios, tamaño de grupo 24
Número de pieza de batería DP	EODP 2800465
Longitud	260 mm
Ancho	173 mm
Altura	225 mm
Capacidad	70 Ah
Identificación del fabricante	P7029

10.7 Datos de corte

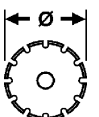

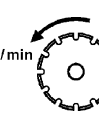
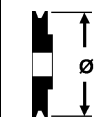
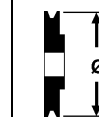
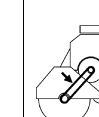
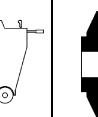
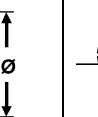
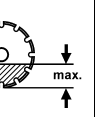
Datos de corte de la FSD1274★ ★ ★

Protección del disco	Ø del disco	Rpm del disco	Ø de la polea de la correa abajo	Ø de la polea de la correa arriba	Tamaño de la correa	Ø de la brida de la sujeción del disco	Profundidad de corte	
	20" / 500 mm	500 mm	2475	3,65"	6,5"	3VX530	5" / 127 mm	185
	26" / 600 mm	600 mm	2075	4"	6"	3VX530	5" / 127 mm	235
	30" / 700 mm	700 mm	1725	4,5"	5,6"	3VX530	5" / 127 mm	285
	36" / 900 mm	900 mm	1475	4,75"	5"	3VX530	6" / 152 mm	370
	42" / 1000 mm	1000 mm	1175	4,75"	4"	3VX355	7" / 178 mm	410
	48" / 1200 mm	1200 mm	1050	4,75"	4"	3VX355	8" / 203 mm	500
								



La polea de la correa solo debe ser sustituida por un técnico de TYROLIT Hydrostress o por un técnico con la capacitación adecuada.

Datos de corte de la FSD1274★ ★ ★ 3 marchas

Ø del disco	Marcha	Rpm del disco	Ø de la polea de la correa abajo	Ø de la polea de la correa arriba	Tamaño de la correa	Ø de la brida de la sujeción del disco	Profundidad de corte	Rpm de los motores
700 mm	H (High)	1700	4,75"	4,75"	3VX450	8" / 203 mm	285	2800
1000 mm	M (Medium)	1250	4,75"	4,75"	3VX450	8" / 203 mm	410	2800
1200 mm	L (Low)	975	4,75"	4,75"	3VX450	8" / 203 mm	500	2800
								



La marcha únicamente puede cambiarse cuando el motor está parado. No realizar manipulaciones en el dispositivo de cambio con el motor en marcha.

Declaración de conformidad CE

Denominación	Cortadora de juntas
Denominación de tipo	FSD1274 ★★★ / FSD1274 ★★★ 3 marchas
Año de construcción	2010
Fabricante	TYROLIT Hydrostress AG

Declaramos bajo nuestra exclusiva responsabilidad que este producto cumple con las siguientes directivas y normas:

Directiva aplicada

Directiva de Máquinas	2006/42/CE
Emisiones Sonoras	2000/14/CE
Directivas Sustancia nociva	2004/26/CE

Normas

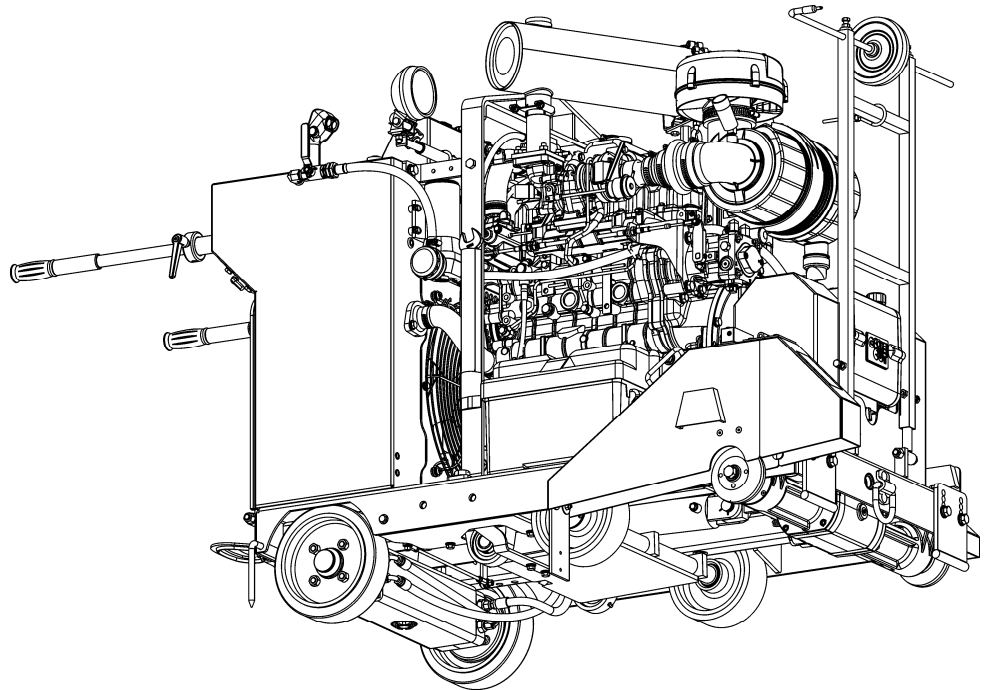
EN 12100	Seguridad de las máquinas. Conceptos básicos, principios generales para el diseño.
EN 13862	Maquinaria para cortar pavimentos. Seguridad.
EN 982	Seguridad de las máquinas Requisitos de seguridad para sistemas y componentes para transmisiones hidráulicas y neumáticas.
EN ISO 3744	Acústica. Determinación de los niveles de potencia sonora de fuentes de ruido utilizando presión sonora.

Mode d'emploi

Scie de sol

FSD1274★★★ / FSD1274★★★ 3rapports

Indice 001



Toutes nos félicitations!

Vous avez opté pour un appareil TYROLIT Hydrostress, donc pour un standard technologique sûr et de tout premier plan. Seules les pièces détachées d'origine TYROLIT Hydrostress peuvent garantir la qualité et l'interchangeabilité. En cas de maintenance négligée ou inadéquate, nous ne pourrions pas honorer notre engagement de garantie tel qu'il est stipulé dans nos conditions de livraison. Toute réparation doit être exécutée exclusivement par du personnel spécialisé et formé à cet effet.

Notre service après-vente se tient volontiers à votre disposition pour maintenir votre appareil TYROLIT Hydrostress en bon état de fonctionnement.

Nous vous souhaitons une utilisation aisée et sans problèmes de votre appareil.

TYROLIT Hydrostress

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CH -8330 Pfäffikon
Suisse
Tél. 0041 (0) 44 952 18 18
Fax 0041 (0) 44 952 18 00

1 Sécurité



Ce mode d'emploi ne représente qu'une partie de la documentation produit fournie avec la scie de sol. Le présent document s'accompagne du «Manuel de sécurité / Description du système de la scie de sol».

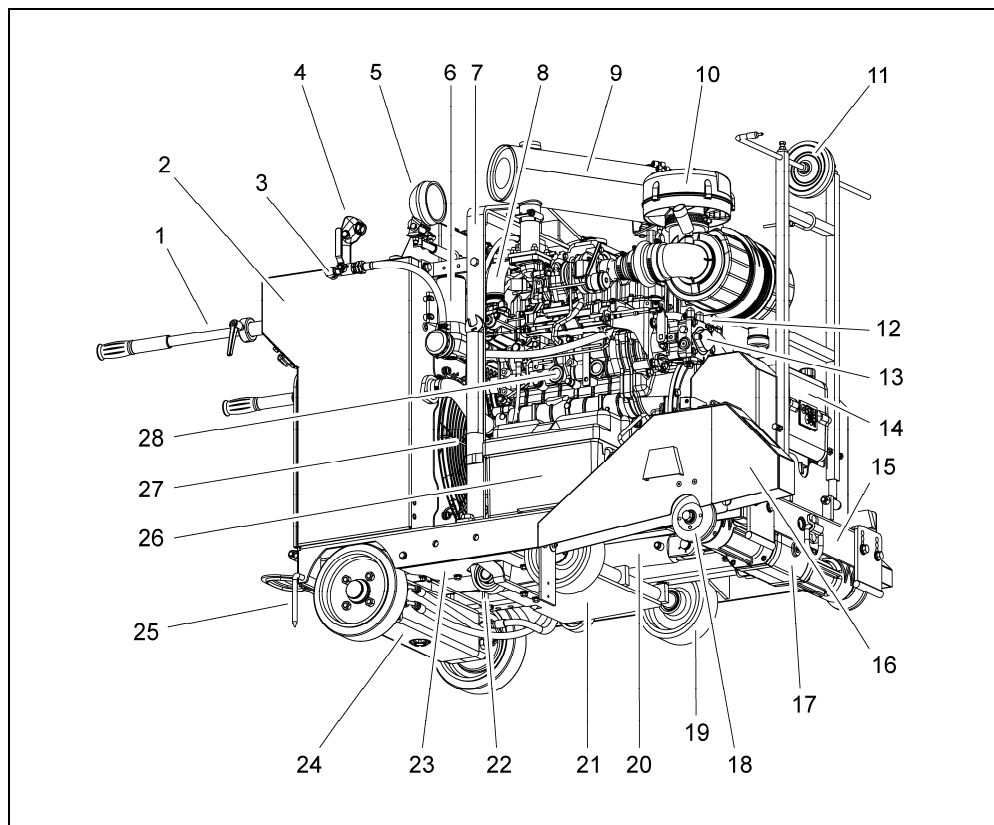


DANGER

Le non respect des consignes de sécurité fournies dans le «Manuel de sécurité / Description du système» peut entraîner des blessures graves, voire mortelles.

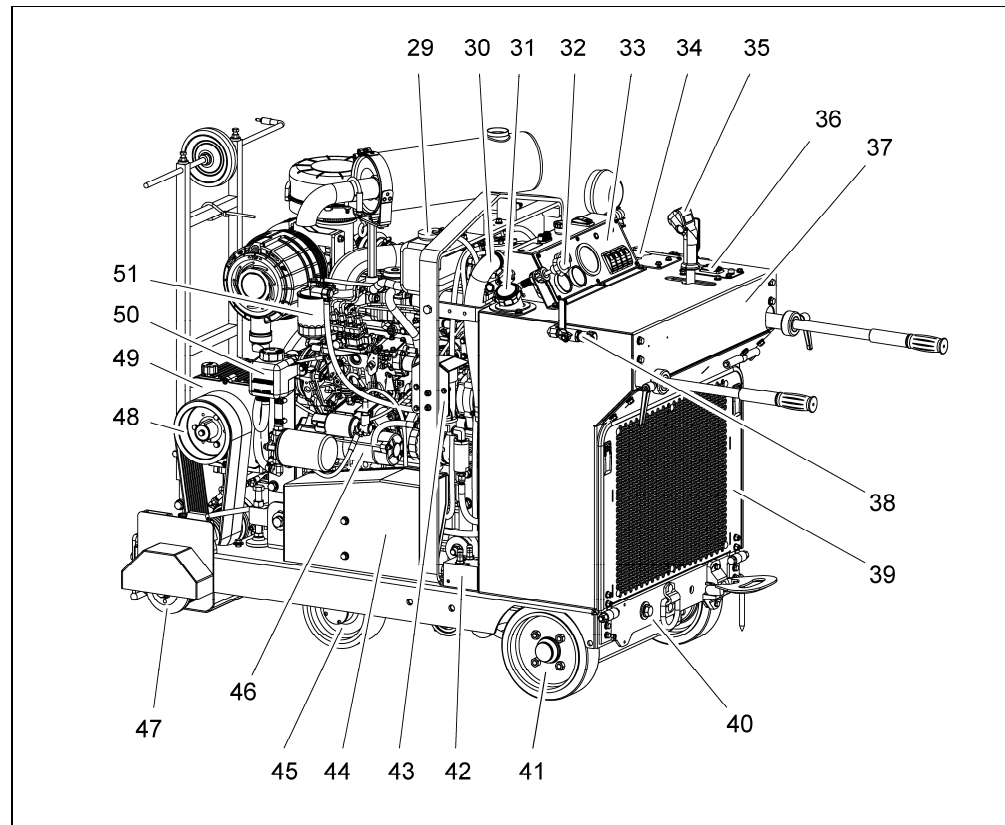
- ▶ S'assurer que le «Manuel de sécurité / Description du système de la scie de sol» a été entièrement lu et compris.

2 Présentation



Composants

1	Poignée	11	Galet du repère de coupe	21	Châssis de levage
2	Unité de commande	12	Vanne d'eau	22	Palier châssis de levage
3	Robinet d'eau	13	Hydrostatique	23	Tôle de plancher
4	Levier de commande	14	Réducteur d'entraînement de la lame de scie	24	Entraînement d'avance
5	Projecteur	15	Châssis	25	Repère de coupe arrière
6	Pompe à eau	16	Protection de lame	26	Batterie
7	Dispositif d'accrochage de grue	17	Réducteur intermédiaire	27	Ventilateur de radiateur
8	Flexible d'eau de refroidissement	18	Bride de lame de scie	28	Moteur
9	Echappement / silencieux	19	Roues		
10	Filtre à air	20	Vérin de levage		

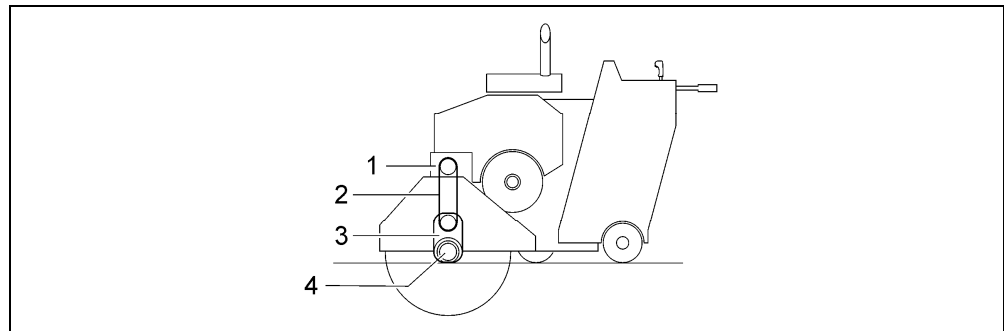


Composants

29	Vase d'expansion du liquide de refroidissement	37	Châssis / plaque signalétique	45	Roue
30	Flexible d'eau de refroidissement	38	Raccord d'eau	46	Démarrreur
31	Tubulure de remplissage de réservoir	39	Recouvrement de radiateur	47	Bride de lame de scie
32	Commande des gaz	40	Réglage de la voie	48	Roue d'entraînement
33	Commutateur de commande	41	Roue d'entraînement	49	Réducteur d'entraînement de la lame de scie
34	Affichage de la profondeur de coupe	42	Bloc hydraulique de l'entraînement d'avance	50	Réservoir d'huile de l'entraînement d'avance
35	Levier de commande	43	Pompe à huile	51	Filtre / Diesel
36	Commutateur de changement de vitesse de la lame de scie	44	Pompe hydraulique du vérin de levage		

3 Fonctions

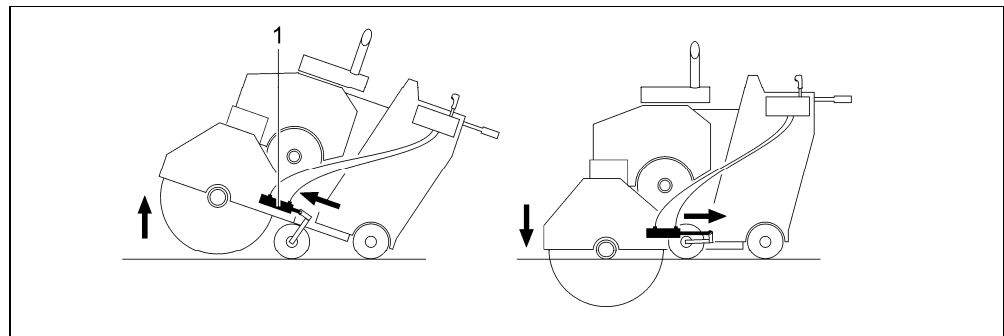
3.1 Entraînement de la lame de scie



Entraînement de la lame de scie (schéma)

- | | | | |
|---|-------------------------|---|---|
| 1 | Renvoi d'angle | 3 | Réducteur intermédiaire |
| 2 | Courroie d'entraînement | 4 | Arbre d'entraînement de la lame de scie |

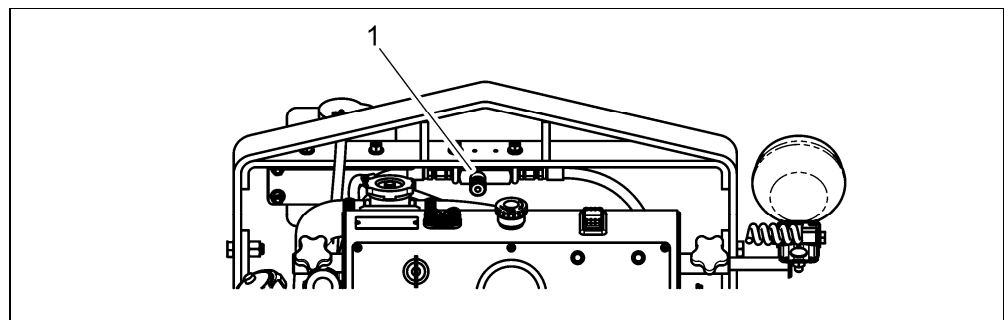
3.2 Levage



Mécanisme de levage (schéma)

- | | |
|---|-------------------|
| 1 | Vérin hydraulique |
|---|-------------------|

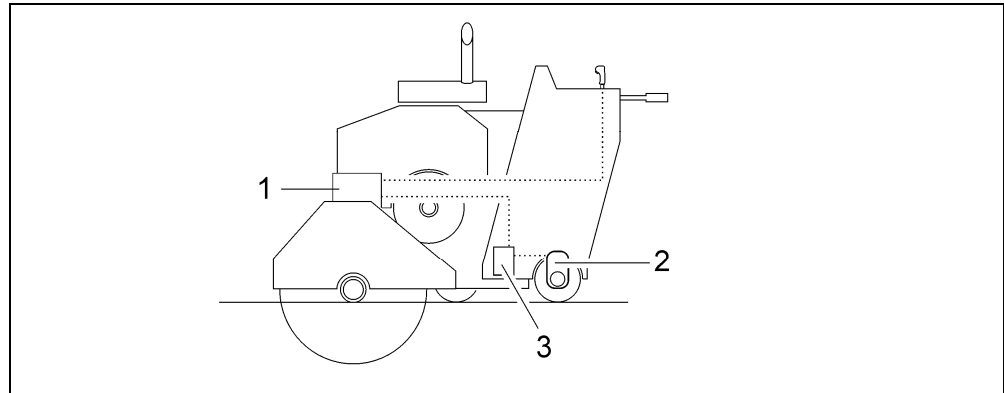
3.3 Vitesse d'abaissement de la lame de scie



Vitesse d'abaissement de la lame de scie

- | | |
|---|---|
| 1 | Soupape de vitesse d'abaissement de la lame de scie |
|---|---|

3.4 Entraînement d'avance



Entraînement d'avance (schéma)

- 1 Hydrostatique
- 2 Moteur hydraulique
- 3 Bloc hydraulique Marche / Arrêt entraînement d'avance

4 Transport

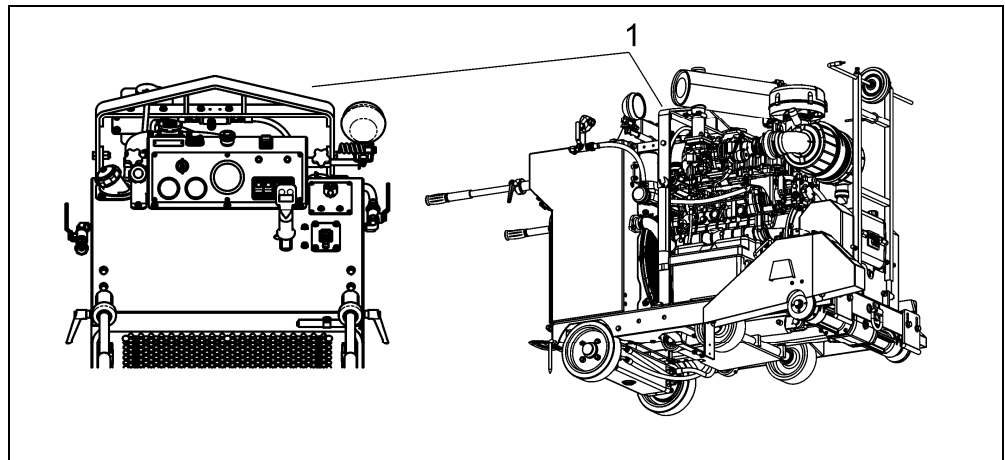


DANGER

Risque de blessures graves ou mortelles en cas de transport inadapté!

- ▶ Ne transporter la scie de sol qu'avec le moteur principal à l'arrêt.
- ▶ N'utiliser que des moyens de levage et de transport avec une charge utile suffisante.
- ▶ Ne fixer la scie de sol qu'aux points de levage prévus à cet effet.
- ▶ Nommer un responsable compétent.
- ▶ En cas de grutage, ne pas stationner sous la charge suspendue.
- ▶ Constamment surveiller la scie de sol lors du transport.

4.1 Point de levage

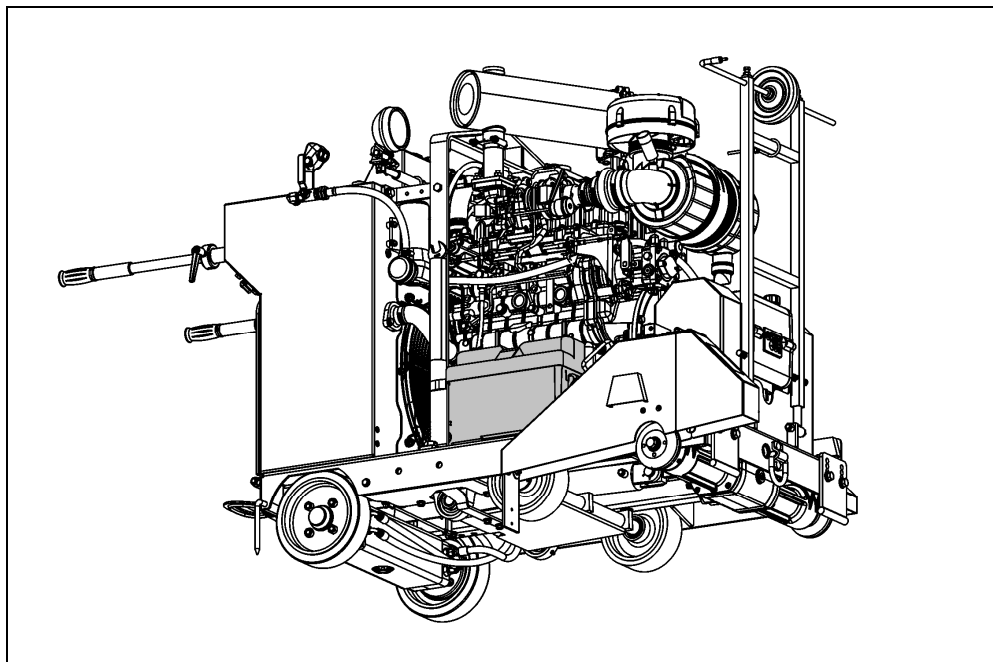


Point de levage

- 1 Dispositif d'accrochage de grue

5 Première mise en service

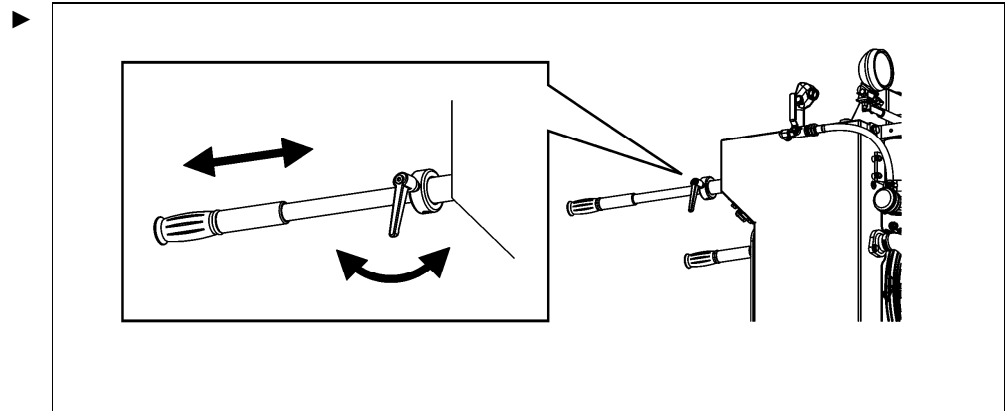
5.1 Monter la batterie



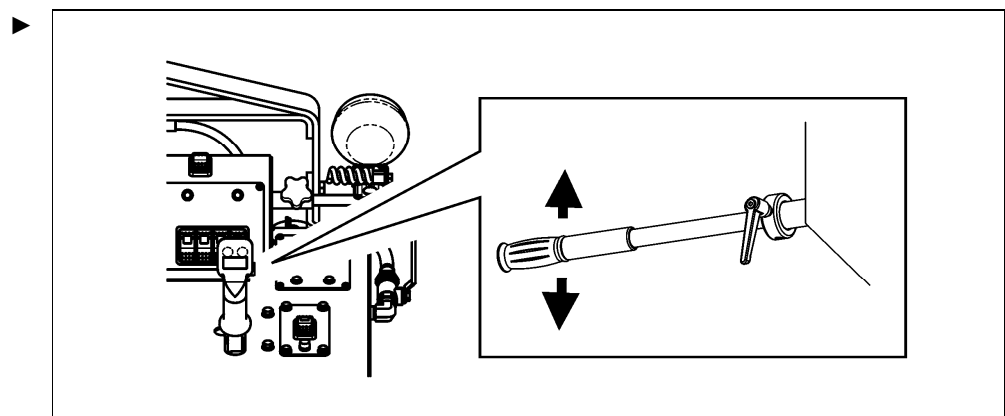
- ▶ Monter la batterie (modèle, voir chapitre Caractéristiques techniques).

6 Montage / Réglage

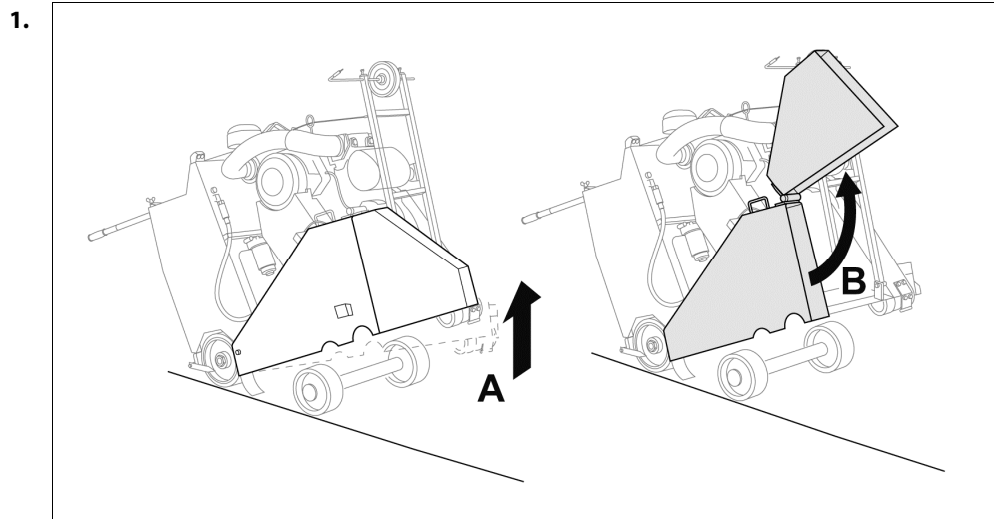
6.1 Monter les poignées



6.2 Réglage de hauteur des poignées



6.3 Monter la lame de scie



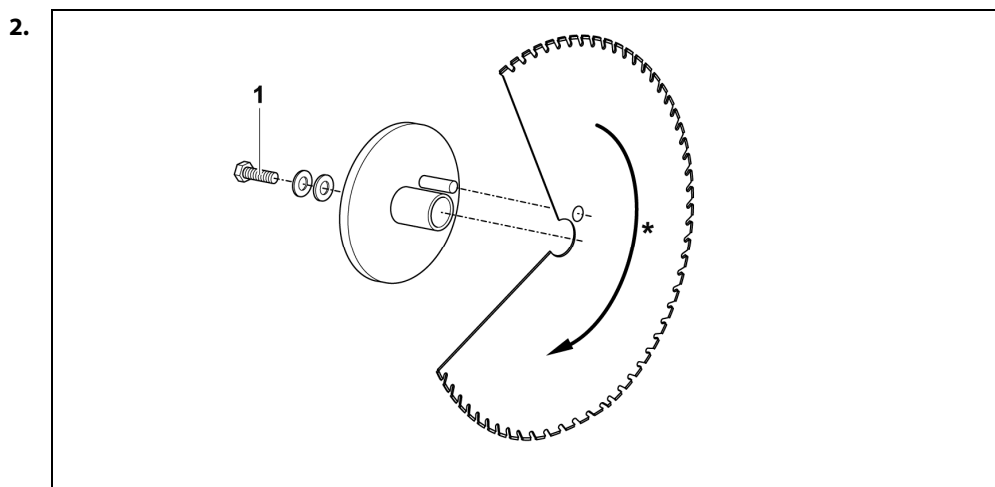
DANGER

Risque de blessures graves ou mortelles à cause de pièces projetées (segments, éclats de béton, lame de scie, etc.)!

- ▶ N'utiliser la scie de sol qu'avec la protection de lame.
- ▶ Lors du montage de la lame de scie, utiliser la vis de fixation avec filetage à gauche sur le côté droit.
Lors du montage de la lame de scie, utiliser la vis de fixation avec filetage à droite sur le côté gauche.

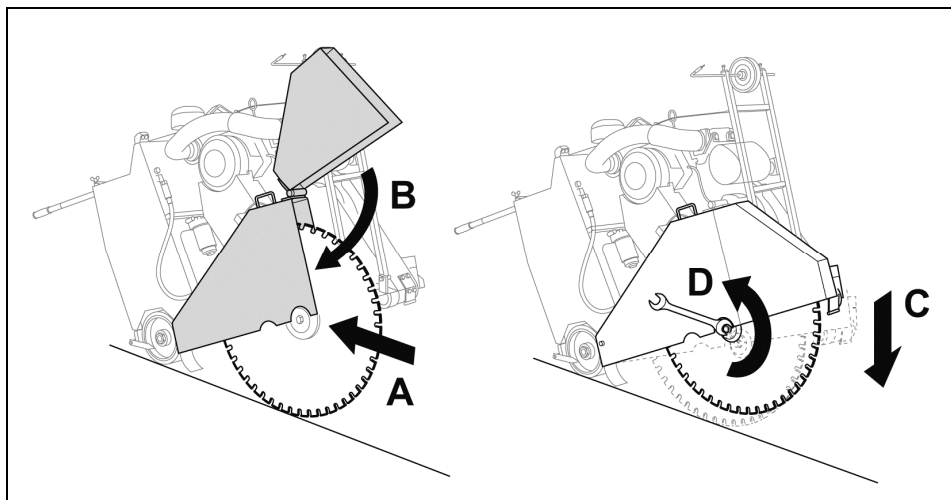


- ▶ Respecter les flèches de sens de rotation sur la lame de scie.



- 1 Vis de fixation
* Respecter le sens de rotation

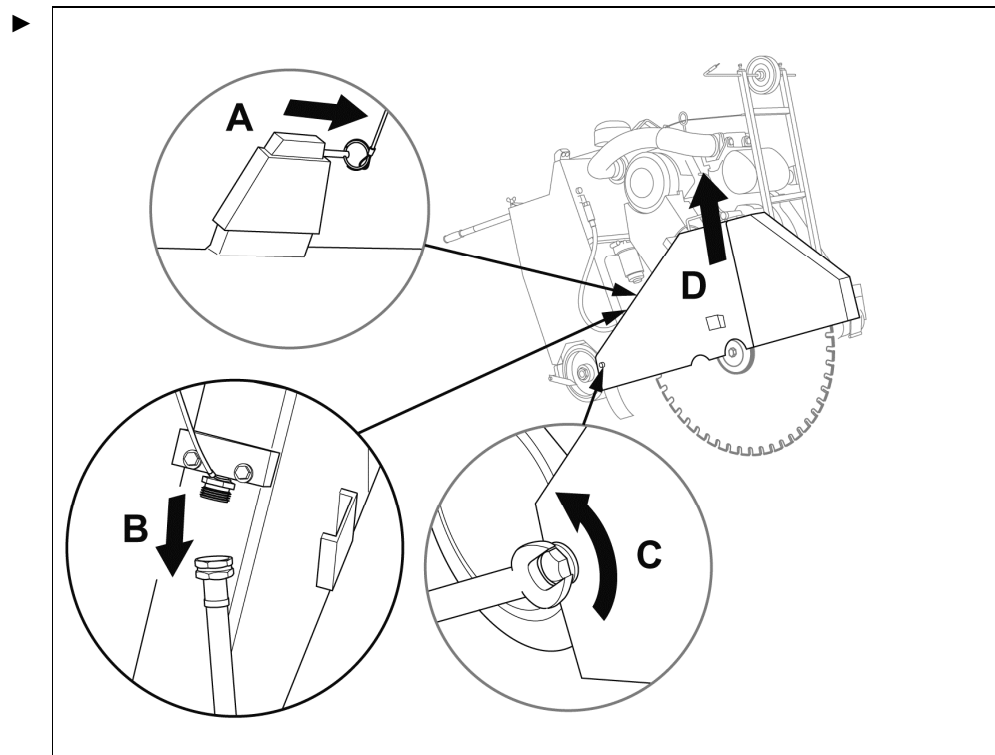
3.



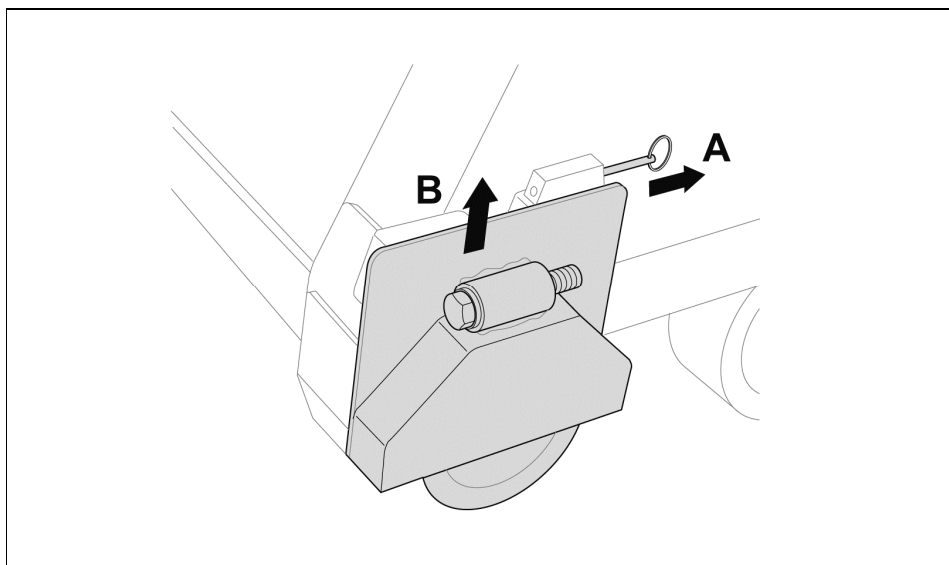
C: Afin d'éviter la rotation de la lame de scie lors du serrage, poser la lame de scie sur le sol avec précaution.

6.4 Monter la lame de scie sur l'autre côté

6.4.1 Démontez la protection de lame



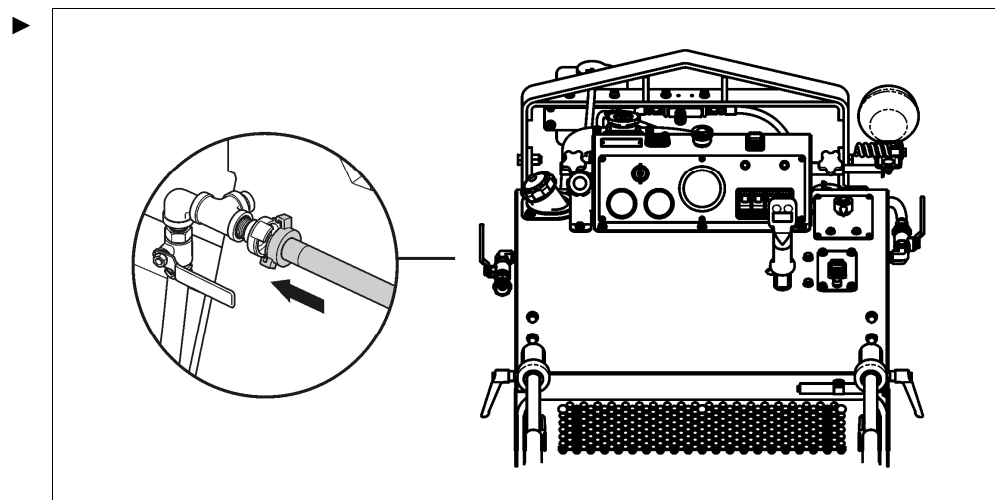
6.4.2 Démonter le capot d'arbre



6.4.3 Monter la protection de lame et le capot d'arbre sur l'autre côté

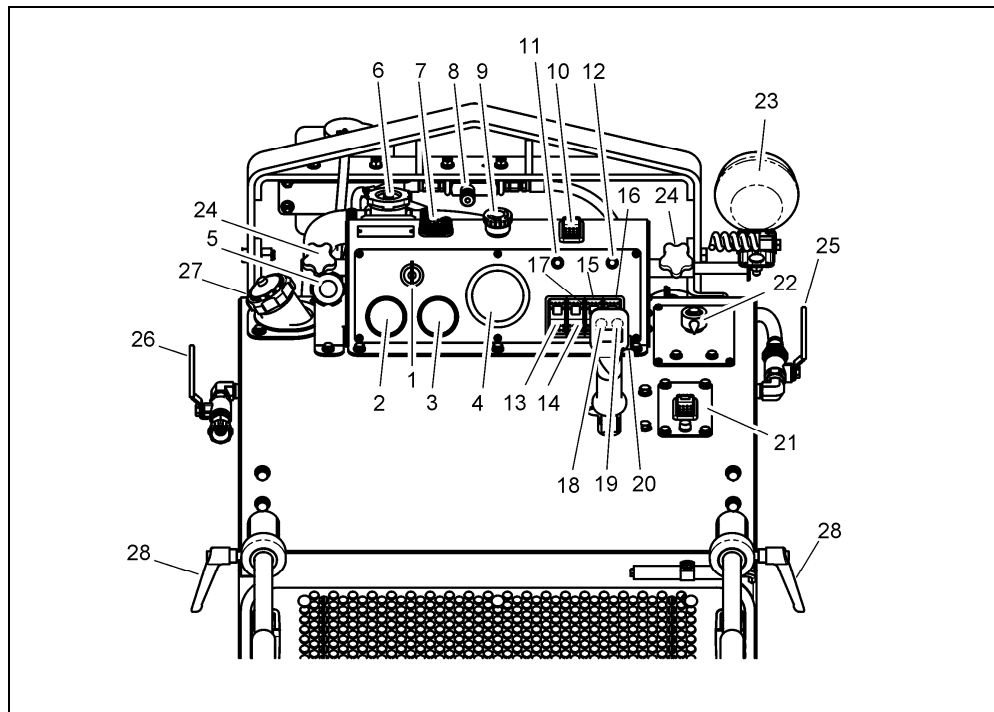
Le montage de la protection de lame et du capot d'arbre se fait dans l'ordre inverse que celui du démontage.

6.5 Raccorder la conduite hydraulique



7 Commande

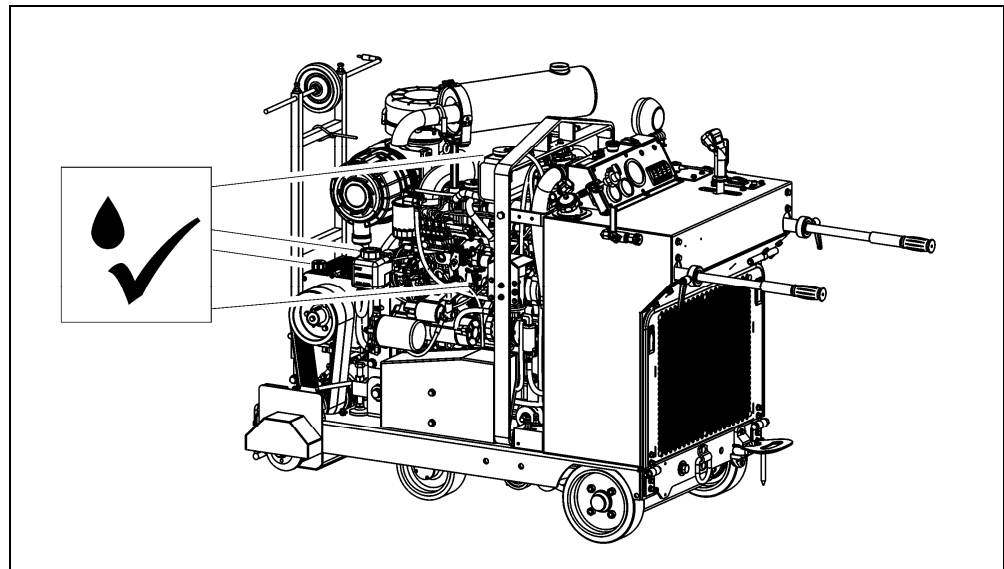
7.1 Aperçu des éléments de commande



Eléments de commande

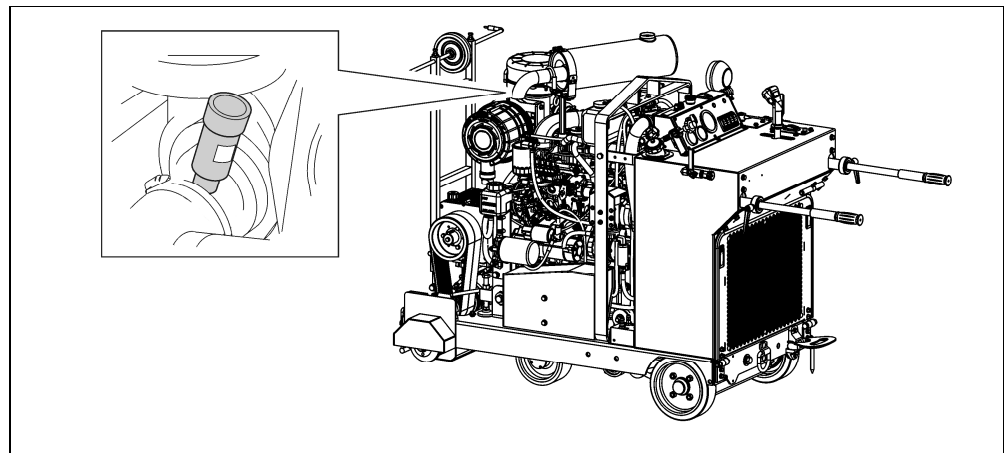
1	Commutateur d'allumage	11	Indication Marche / Arrêt eau	21	Commutateur couplage de la lame de scie
2	Indicateur de temp. de liquide de refroidissement	12	Indication mémorisation de profondeur de coupe	22	Indicateur de profondeur de coupe
3	Voyant avertisseur du moteur	13	Commutateur Marche / Arrêt eau	23	Lumière du projecteur
4	Compte-tours de la lame	14	Commutateur Marche / Arrêt frein	24	Réglage d'angle de la lumière du projecteur
5	Commande des gaz du moteur	15	Commutateur de projecteur	25	Régulation de l'eau
6	Couvercle de radiateur	16	Commutateur (en option)	26	Ouverture / Fermeture arrivée d'eau
7	Support de câble du repère de coupe	17	Levier de vitesse de déplacement	27	Tubulure de remplissage de carburant
8	Régulateur	18	Commutateur levage	28	Levier de blocage de poignée
9	Bouton d'arrêt d'urgence	19	Commutateur abaissement		
10	Commutateur de mémorisation de profondeur de coupe	20	Réglage de hauteur des poignées		

7.2 Contrôler le niveau d'huile et les niveaux d'eau de refroidissement



► Respecter les indications du fabricant du moteur.

7.3 Vérifier le filtre à air

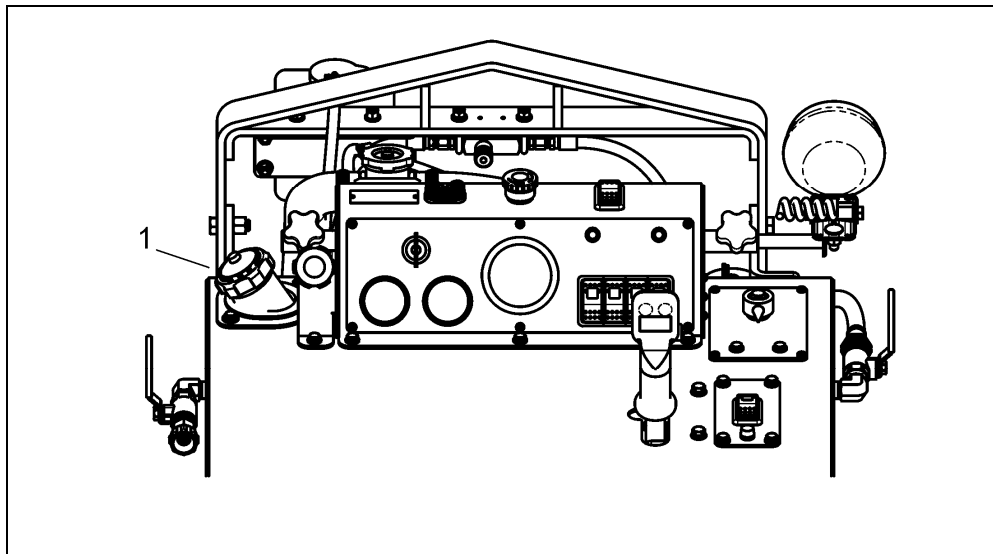


L'affichage dans la fenêtre a la signification suivante:

Couleur affichée	Signification
Jaune	Filtre à air OK
Rouge	Filtre à air bouché

► Remplacer le filtre à air s'il est bouché.

7.4 Vérifier le niveau de carburant

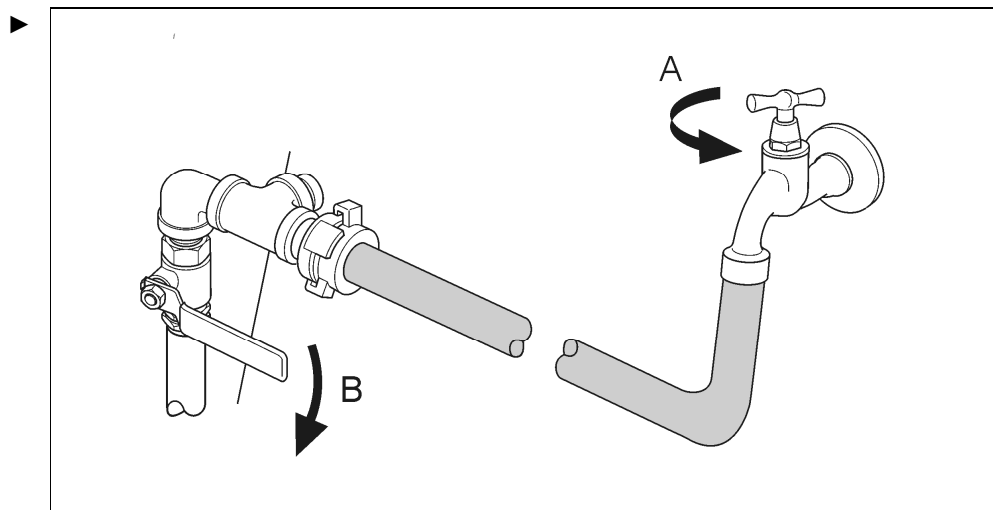


- ▶ Vérifier l'indicateur de niveau du réservoir (1) et le cas échéant ajouter du carburant.

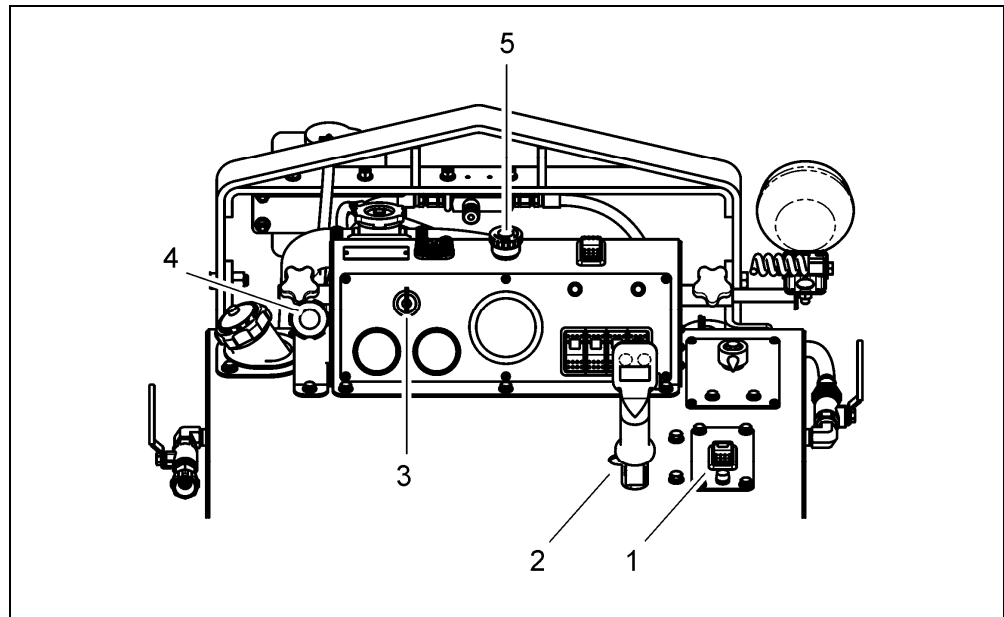
7.5 Positionner la scie de sol



1. Amener la scie de sol en position de travail.
2. Régler la scie de sol à l'aide des repères de coupe.

7.6 Assurer l'alimentation en eau



7.7 Mettre le moteur en marche



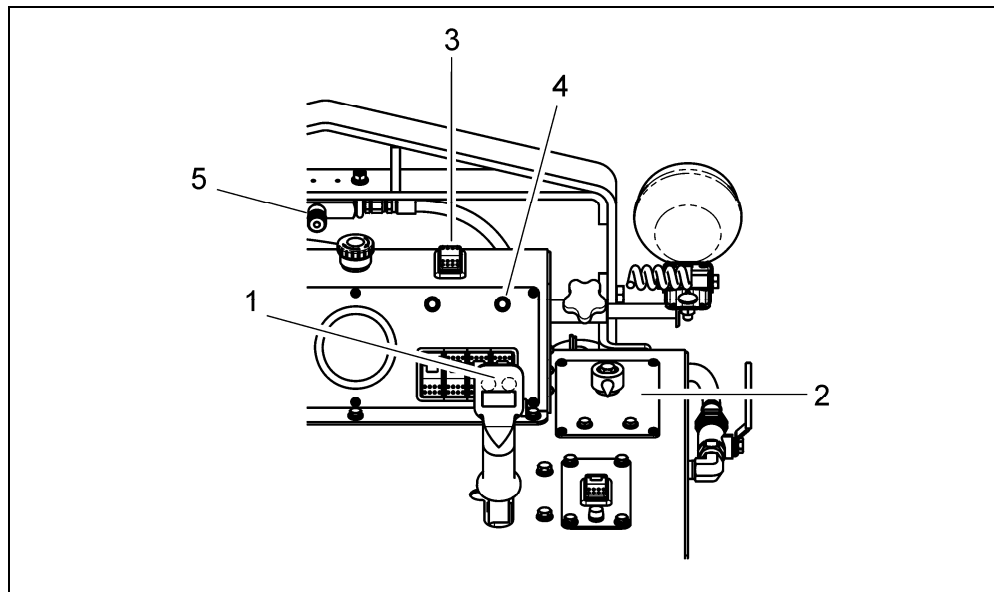
Symbole	Signification
	Commutateur d'embrayage en position embrayée
	Commutateur d'embrayage en position débrayée

- ✓ Levier de commande (2) encliqueté en position **0**
- ✓ Le levier d'embrayage (1) est en position débrayée
- ✓ Le bouton **d'arrêt d'urgence** (5) est libre

1. Mettre la clef de contact (3) en position préchauffage jusqu'à ce que le voyant de préchauffage s'éteigne.
2. Tourner ensuite encore la clef de contact vers la droite pour démarrer.
Les indicateurs de batterie et de pression d'huile s'allument lors du démarrage et s'éteignent ensuite.
3. Régler la vitesse de rotation optimale de la lame de scie à l'aide du compte-tours de moteur (4).

7.8 Lever / abaisser la lame de scie

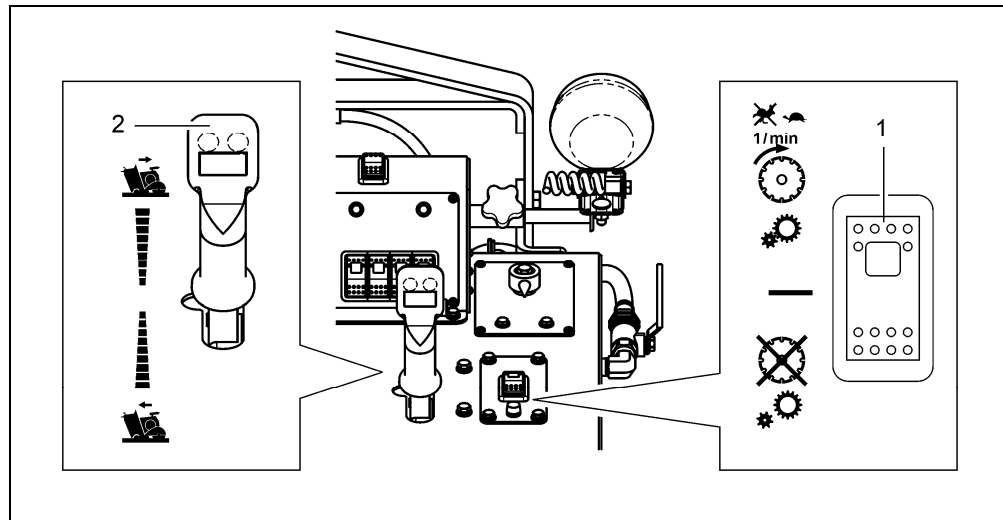
7.8.1 Exemple: abaisser



1. Appuyer sur la touche **Abaisser** (1) jusqu'à ce que la lame de scie touche le sol.
2. Mettre l'indicateur de profondeur de coupe (2) sur **0**.
3. Amener la lame de scie à la profondeur de coupe voulue à l'aide de la touche **Abaisser**.
4. Enfoncer la touche de butée de profondeur (3) vers l'avant pendant au moins 3 secondes, la lampe (4) s'allume.
5. La vitesse d'abaissement peut être réglée au moyen de la vanne de commande (5).

Pour désactiver la profondeur de coupe mémorisée, lever légèrement la lame de scie et remettre l'interrupteur à bascule (3) dans sa position initiale.

7.9 Régler l'avance

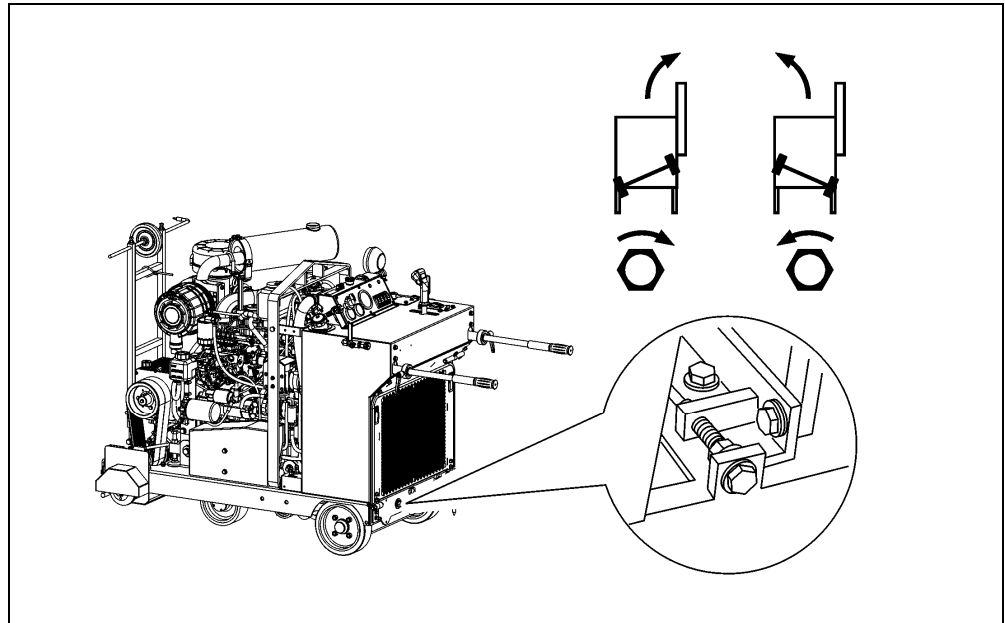


Symbole	Signification
	Commutateur d'embrayage en position embrayée
	Commutateur d'embrayage en position débrayée
	Réglage avance en marche avant
	Réglage avance en marche arrière

- ✓ Le réglage d'avance est en position neutre
- ✓ Le frein est desserré

1. Mettre le commutateur d'embrayage (1) en position embrayée.
Important: embrayer seulement à petite vitesse de rotation du moteur (vitesse de rotation de la lame)
2. A l'aide du réglage d'avance (2), régler le sens de marche et la vitesse.

7.10 Corriger le suivi du tracé



Corriger le suivi du tracé

- Si la scie dévie, régler l'axe de roue arrière à l'aide de la vis de réglage.

7.11 Changement de vitesse sur la boîte de vitesses à 3 rapports



DANGER

Risque de blessures graves ou mortelles en cas de mauvaise manœuvre !

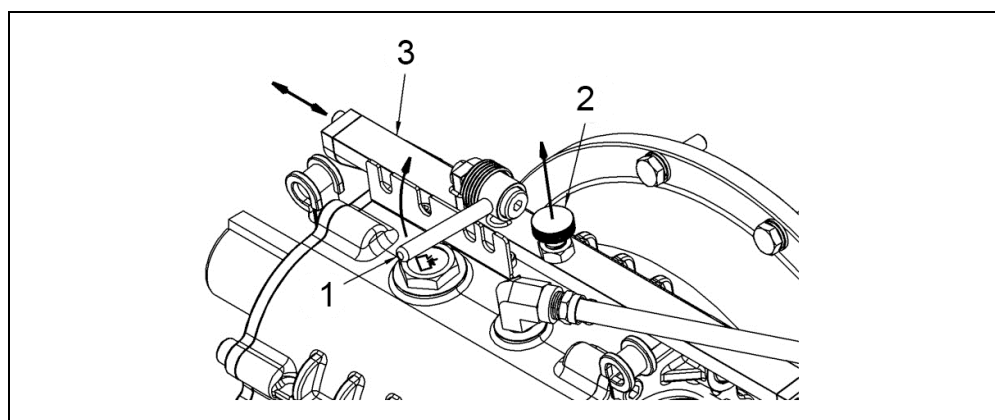
Le changement de rapport n'est permis que moteur à l'arrêt. Ne jamais manipuler le dispositif de changement de vitesse moteur en marche.

7.11.1 Changement de vitesse



INFORMATION

Aucun outil n'est nécessaire pour le changement de vitesse.



1. Arrêter le moteur.
2. Ouvrir le capot moteur.
3. Poussez le levier de changement de vitesse (1) vers le haut et desserrez l'élément d'arrêt (2).
4. Déplacez le levier de changement de vitesse dans la position de rapport souhaitée.

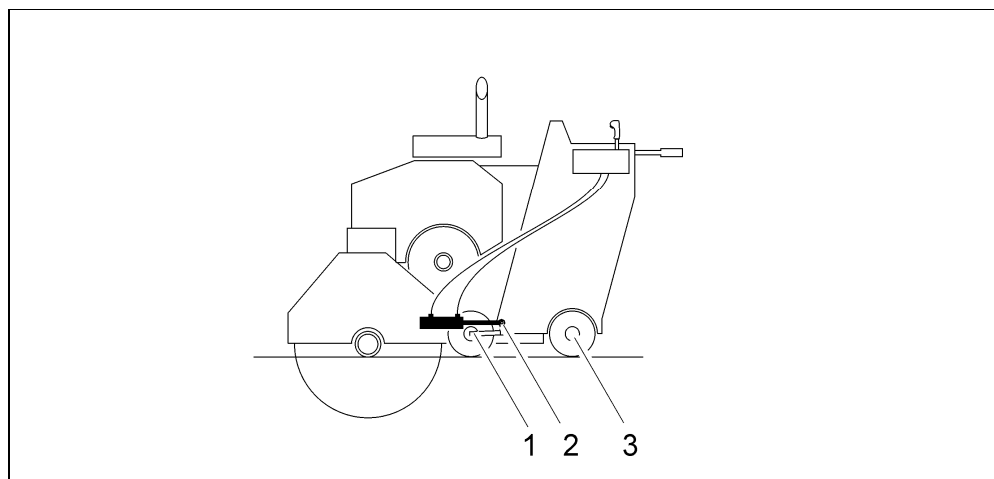
Position de rapport (désignations)	
M = Medium	▶ Vitesse moyenne
L = Low	▶ Vitesse faible
N = Neutral	▶ Pas de rapport engagé
H = High	▶ Vitesse élevée

5. Poussez le levier de changement de vitesse (1) dans l'évidement de la position de rapport souhaitée.
6. Bloquez la position de rapport au moyen de l'élément d'arrêt (2).

8 Entretien

Quand?	Quoi?
Tous les jours	<ul style="list-style-type: none"> ▶ Contrôle du niveau d'huile. ▶ Contrôle visuel de l'état général.
Chaque semaine	<ul style="list-style-type: none"> ▶ Contrôler la tension de la courroie et la régler si nécessaire.
Toutes les 50 h de service	<ul style="list-style-type: none"> ▶ Graisser le boulon graisseur.
Tous les ans ou toutes les 100 h de service	<ul style="list-style-type: none"> ▶ Grande révision par TYROLIT Hydrostress AG ou par un représentant agréé.
Suivant les indications du fabricant du moteur	<ul style="list-style-type: none"> ▶ Prendre toutes les mesures nécessaires suivant le mode d'emploi du fabricant du moteur.

8.1 Boulons graisseurs



Position des boulons graisseurs

- 1 Palier d'arbre de levage
- 2 Pied de vérin
- 3 Palier d'entraînement de roue

9 Défaillances

Défaut	Cause possible	Remède
Scie de sol ne fonctionne pas	Bouton d' ARRÊT D'URGENCE est enfoncé.	▶ Débloquer le bouton d' ARRÊT D'URGENCE .
Lame de scie bloquée	Lame de scie coincée dans le sol	▶ Reculer la scie de sol. ▶ Le cas échéant libérer la lame à l'aide des boutons à bascule. ▶ Le cas échéant arrêter le moteur, démonter la lame de scie et la libérer séparément du sol.
Lame ne tourne pas malgré le moteur en marche	Courroie détendue	▶ Tendre ou remplacer la courroie.
	Boulon d'entraînement de la bride de fixation cisailé	▶ Monter une nouvelle bride de fixation.
Avance ne fonctionne pas	Tringle du réglage d'avance altérée	▶ Vérifier et le cas échéant remettre en état la tringle du réglage d'avance.
	Hydrostatique défectueux	▶ Vérifier et le cas échéant faire remettre en état par un technicien TYROLIT Hydrostress.
Moteur ne fonctionne pas bien	Mauvais carburant	▶ Arrêter le moteur et remplacer le carburant.
	Filtre à carburant bouché	▶ Remplacer le filtre à carburant.
Indicateur de batterie allumé	Faux contact entre batterie et générateur	▶ Vérifier et le cas échéant rétablir les contacts.
	Batterie insuffisamment chargée	▶ Recharger ou remplacer batterie.
	Batterie trop chargée	▶ Contrôler la génératrice
Indicateur de la température huile allumé	Température huile trop élevée	▶ Laisser tourner la scie de sol à vide jusqu'à extinction de l'indicateur.
	Trop peu d'huile	▶ Rajouter de l'huile.
Indicateur de la pression d'huile allumé	Défaillance pompe à huile	▶ Remplacer la pompe à huile.
Indicateur température moteur dans le rouge	Surcharge moteur	▶ Laisser le moteur tourner quelques minutes à vide. ▶ Contrôler le niveau de liquide de refroidissement

10 Caractéristiques techniques

10.1 Dimensions

Paramètre	Valeur
Poids	987 kg
Profondeur de coupe (maxi)	500 mm
Ø porte-lame	25,4 mm
Ø de lame maxi	1.200 mm
Encombrement (cotes de transport avec protection de lame relevée)	Lon: 1.615 mm Lar: 930 mm H: 1.335 mm

10.2 Moteur

Paramètre	Valeur
Type	KUBOTA
Puissance	74 ch
Régime nominal	Suivant mode d'emploi du fabricant du moteur
Capacité huile	Suivant mode d'emploi du fabricant du moteur
Volume réservoir	34 l
Carburant	Diesel
Refroidissement	Refroidissement à eau / Refroidissement à air

10.3 Levage

Paramètre	Valeur
Type d'entraînement	Electro-hydraulique
Qualité d'huile	ATF Dexron II D

10.4 Entraînement d'avance

Paramètre	Valeur
Type d'entraînement	Hydraulique
Qualité d'huile	ATF Dexron II D
Refroidissement	Refroidissement à air

10.5 Niveau sonore et vibrations

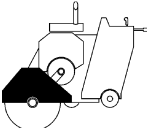
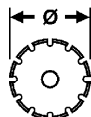
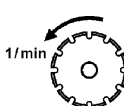


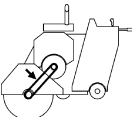

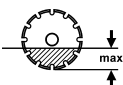
Paramètre	Valeur	
	FSD1274★★★	FSD1274 3- Gang★★★
Niveau sonore sur le lieu de travail (L _{PA})	96,9 dB(A)*	91,3 dB(A)*
Puissance acoustique suivant ISO 3744 (L _{WA})	116,9 dB(A)*	111,3 dB(A)*
Vibrations DIN EN ISO 5349-2	< 2,5 m/s ²	

* Valeur valable pour les conditions suivantes: L'entraînement d'avance est coupé et la lame de scie n'est pas en prise. La mesure se fait en fixe, avec moteur en pleine charge avec une lame de scie de Ø 900 mm. Lors de la coupe, des niveaux sonores plus élevés peuvent se produire.

10.6 Batterie

Paramètre	Valeur
Description	Batterie 12 V, Group Size 24
Référence batterie	EODP 2800465
Longueur	260 mm
Largeur	173 mm
Hauteur	225 mm
Capacité	70 Ah
Dénomination du fabricant	P7029

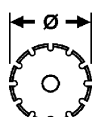

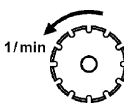
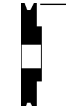

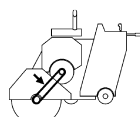

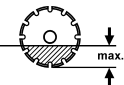

10.7 Données de coupe FSD1274★★★

Protection de lame	Ø de lame	Vit. de rot. lame [tr/mn]	Ø poulie de courroie inférieure	Ø poulie de courroie supérieure	Taille de courroie	Ø bride attachement de lame	Profondeur de coupe
20" / 500 mm	500 mm	2.475	3,65"	6,5"	3VX530	5" / 127 mm	185
26" / 600 mm	600 mm	2.075	4"	6"	3VX530	5" / 127 mm	235
30" / 700 mm	700 mm	1.725	4,5"	5,6"	3VX530	5" / 127 mm	285
36" / 900 mm	900 mm	1.475	4,75"	5"	3VX530	6" / 152 mm	370
42" / 1 000 mm	1.000 mm	1.175	4,75"	4"	3VX355	7" / 178 mm	410
48" / 1200 mm	1.200 mm	1.050	4,75"	4"	3VX355	8" / 203 mm	500
							



La roue de courroie ne peut être remplacée que par un technicien TYROLIT Hydrostress ou par une personne formée à cet effet.

10.8 Données de coupe FSD1274★★★ 3 rapports

Ø de lame	Rapport	Vit. de rot. lame [tr/mn]	Ø poulie de courroie inférieure	Ø poulie de courroie supérieure	Taille de courroie	Ø bride porte-lame	Profondeur de coupe	Moteurs tr/min
700 mm	H (High)	1700	4.75"	4.75"	3VX450	8" / 203 mm	285	2800
1000 mm	M (Medium)	1250	4.75"	4.75"	3VX450	8" / 203 mm	410	2800
1200 mm	L (Low)	975	4.75"	4.75"	3VX450	8" / 203 mm	500	2800
								



Le changement de rapport n'est permis que moteur à l'arrêt. Ne jamais manipuler le dispositif de changement de vitesse moteur en marche.

Déclaration de conformité CE

Désignation	Scie de sol
Référence du matériel	FSD1274 ★★★/ FSD1274 ★★★ 3 rapports
Année de construction	2010
Fabricant	TYROLIT Hydrostress AG

Nous déclarons, sous notre seule responsabilité, que ce produit répond aux directives et normes suivantes:

Directives appliquées

Directive machine	2006/42/CE
Emissions sonores	2000/14/CE
Directives polluant	2004/26/CE

Normes

EN 12100	Sécurité des machines – Conceptions de base, principes généraux de conception.
EN 13862	Machines à scier les sols – Sécurité
EN 982	Sécurité des machines Prescriptions de sécurité relatives aux systèmes et à leurs composants – Hydraulique.
EN ISO 3744	Acoustique – Détermination des niveaux de puissance acoustique émis par les sources de bruit à partir de la pression acoustique

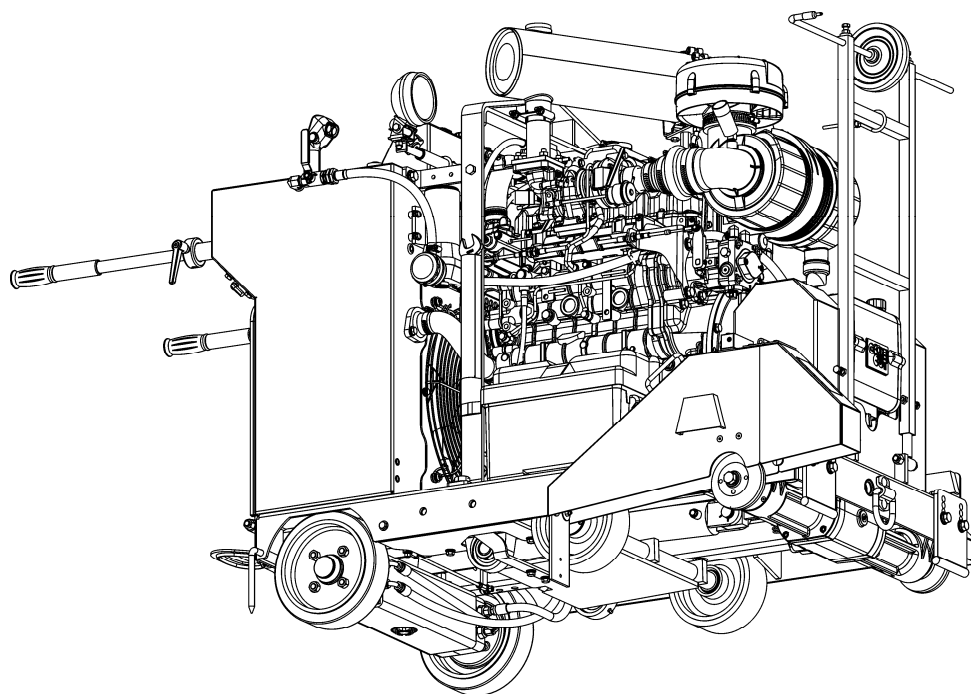
Manuale d'istruzioni

Tagliagiunti

FSD1274★★★

FSD1274★★★ a 3 velocità

Indice 001



Congratulazioni!

con HYDROSTRESS Lei ha scelto un apparecchio di sperimentata efficacia e costruito secondo standard tecnologici di avanguardia. Solo i ricambi originali TYROLIT Hydrostress garantiscono qualità e intercambiabilità. Qualora gli interventi di manutenzione siano trascurati o eseguiti non correttamente, non potremo adempiere ai nostri obblighi di garanzia. Qualsiasi riparazione deve essere eseguita esclusivamente da personale specializzato adeguatamente istruito. Il nostro servizio di assistenza clienti è a Sua disposizione per consentirLe di conservare l'apparecchio TYROLIT Hydrostress in perfetto stato di funzionamento. Le auguriamo buon lavoro!

TYROLIT Hydrostress

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1 Sicurezza



Le presenti istruzioni per l'uso sono da considerarsi parte integrante della documentazione allegata al tagliagiunti. Queste istruzioni sono completate dal "Manuale di sicurezza / Descrizione del tagliagiunti".

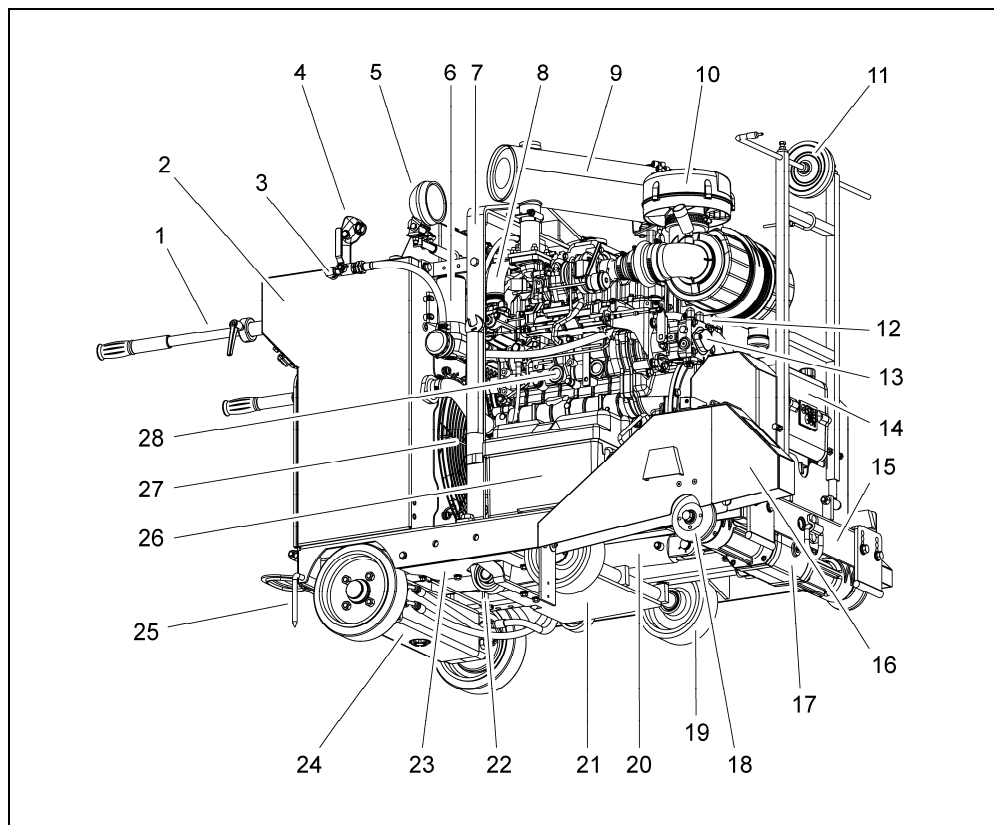


PERICOLO

In caso di mancata osservanza delle istruzioni riportate nel "Manuale di sicurezza / Descrizione del tagliagiunti", si corre il rischio di gravi lesioni o di morte.

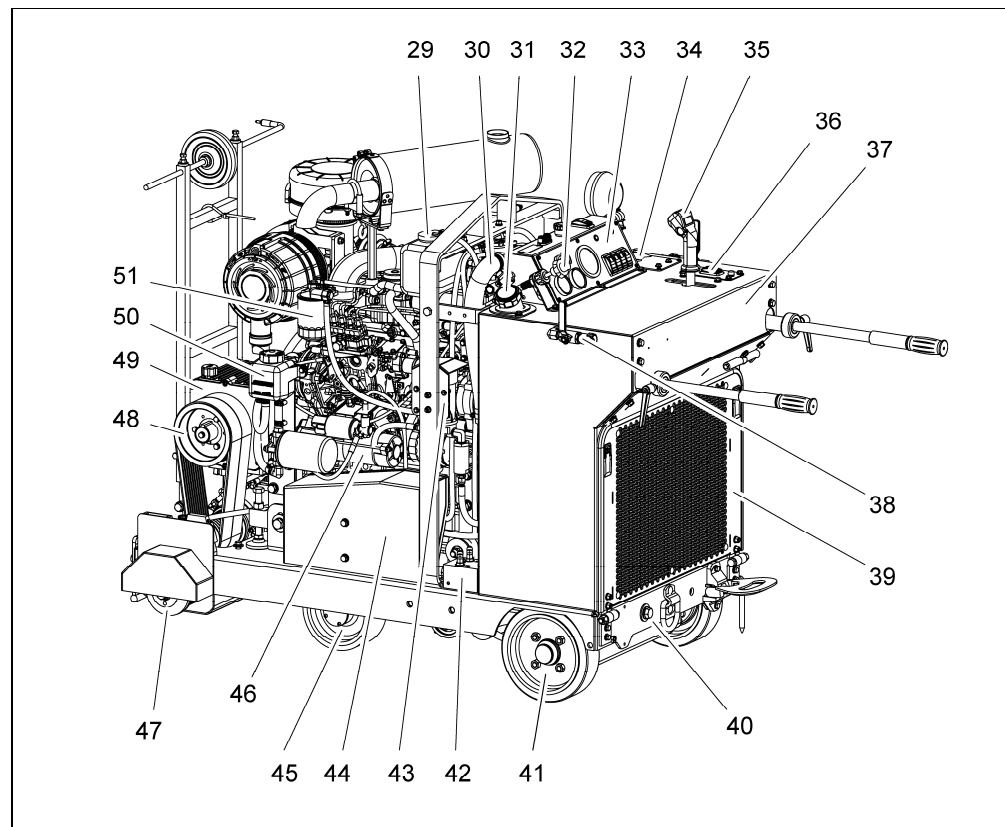
- ▶ Assicurare che il "Manuale di sicurezza / Descrizione del tagliagiunti" sia stato letto e ben compreso in tutte le sue parti.

2 Struttura



Componenti

1	Impugnatura a maniglia	11	Puleggia indicatore di taglio	21	Telaio di sollevamento
2	Gruppo di comando	12	Valvola dell'acqua	22	Cuscinetto telaio di sollevamento
3	Rubinetto dell'acqua	13	Comando idrostatico	23	Pianale
4	Leva di comando	14	Trasmissione comando disco	24	Comando avanzamento
5	Faro	15	Telaio	25	Indicatore di taglio posteriore
6	Pompa dell'acqua	16	Carter di protezione disco	26	Batteria
7	Dispositivo di aggancio alla gru	17	Trasmissione intermedia	27	Ventilatore radiatore
8	Tubo acqua di raffreddamento	18	Flangia del disco	28	Motore
9	Scappamento / silenziatore	19	Ruote		
10	Filtro dell'aria	20	Cilindro di sollevamento		

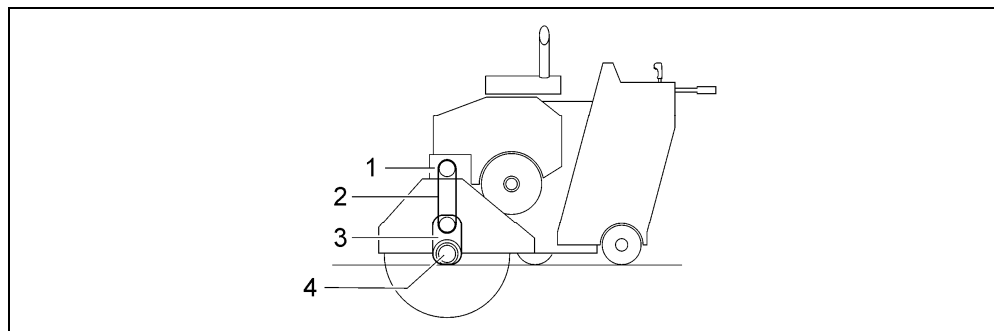


Componenti

29 Vaso di espansione acqua di raffreddamento	37 Telaio / targhetta identificativa	45 Ruota
30 Tubo acqua di raffreddamento	38 Allacciamento dell'acqua	46 Starter
31 Bocchettone di riempimento	39 Copiradiatore	47 Flangia del disco
32 Cavo acceleratore	40 Regolazione traiettoria	48 Ruota motrice
33 Interruttore di comando	41 Ruota motrice	49 Trasmissione comando disco
34 Spia profondità di taglio	42 Gruppo valvole comando avanzamento	50 Serbatoio olio - comando avanzamento
35 Leva di comando	43 Pompa olio	51 Filtro / Diesel
36 Interruttore trasmissione disco	44 Pompa idraulica cilindro di sollevamento	

3 Funzionamento

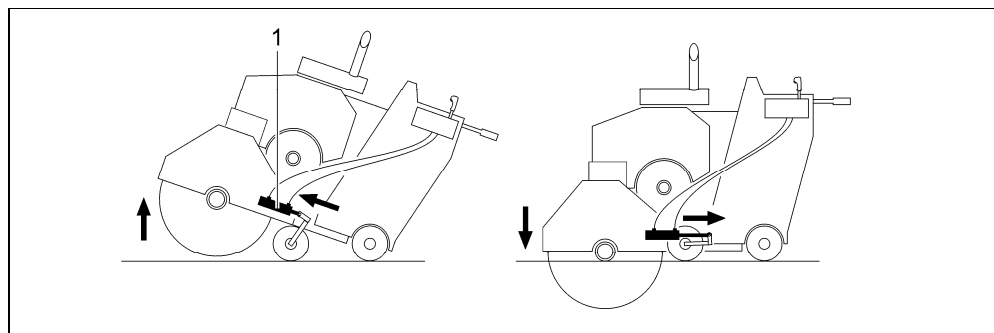
3.1 Comando del disco della sega



Comando del disco della sega (schematico)

- | | | | |
|---|-------------------------|---|-------------------------|
| 1 | Ingranaggi conici | 3 | Trasmissione intermedia |
| 2 | Cinghia di trasmissione | 4 | Albero di comando disco |

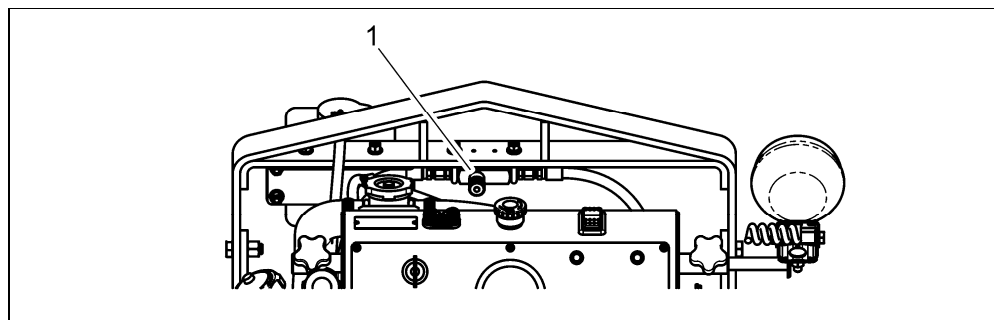
3.2 Comando sollevamento



Comando sollevamento (schematico)

- | | |
|---|--------------------|
| 1 | Cilindro idraulico |
|---|--------------------|

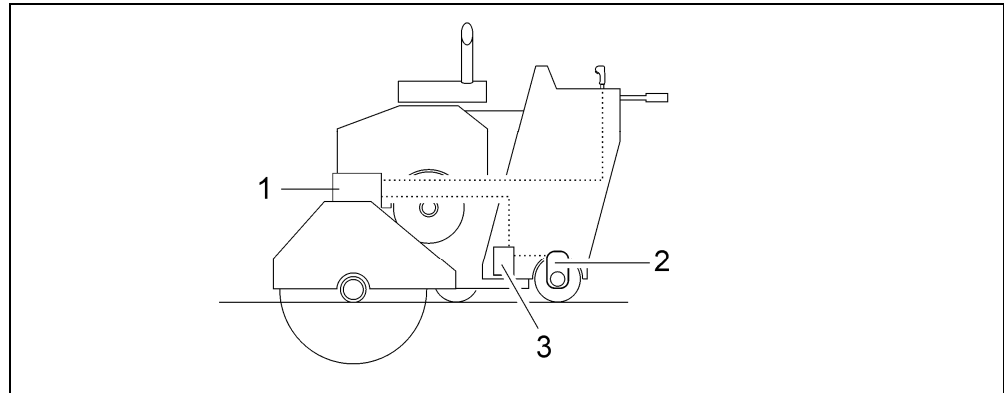
3.3 Velocità di abbassamento del disco



Velocità di abbassamento del disco

- | | |
|---|--|
| 1 | Valvola velocità di abbassamento del disco |
|---|--|

3.4 Comando avanzamento



Comando avanzamento (schematico)

- 1 Comando idrostatico
- 2 Motore idraulico
- 3 Gruppo valvole comando avanzamento ON / OFF

4 Trasporto

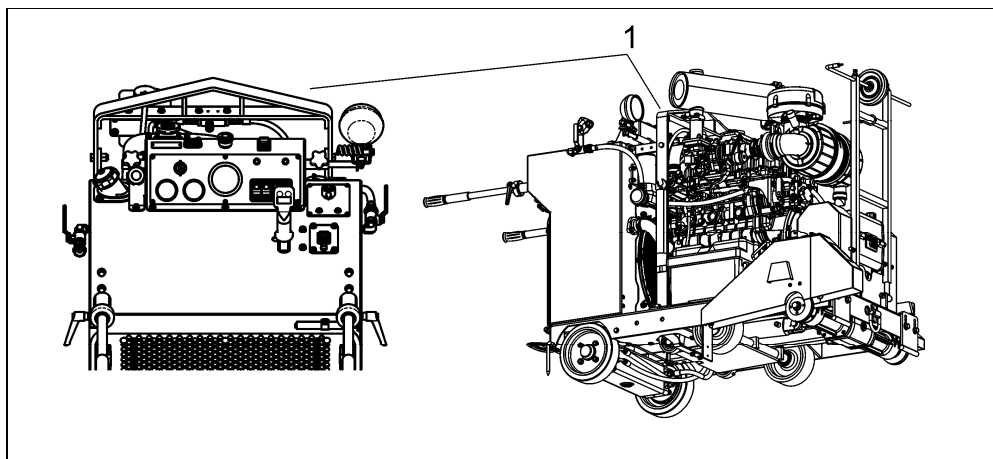


PERICOLO

Pericolo di morte o lesioni gravi in caso di modalità di trasporto non idonee!

- ▶ Trasportare il tagliagunti solo con motore principale disattivato.
- ▶ Impiegare solo veicoli da trasporto, sollevatori e attrezzature da carico dotate di portata adeguata.
- ▶ Agganciare il tagliagunti solo ai punti di sospensione previsti.
- ▶ Incaricare un istruttore esperto.
- ▶ Nelle operazioni di movimentazione con gru non sostare sotto a carichi sospesi.
- ▶ Nel trasportare il tagliagunti, tenerlo sempre sotto controllo.

4.1 Punto di sospensione

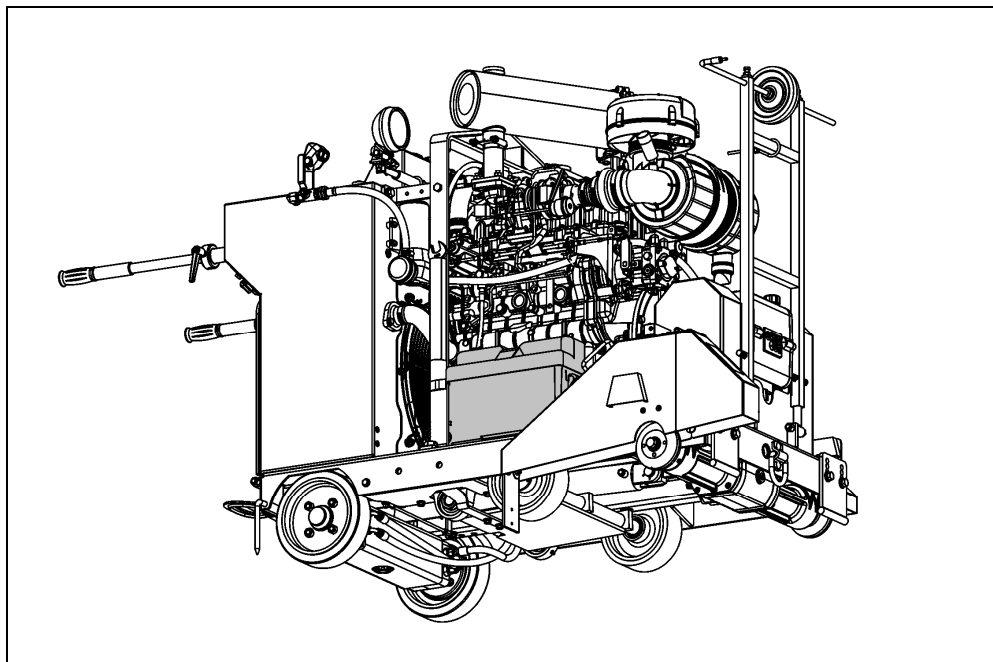


Punto di sospensione

- 1 Dispositivo di aggancio alla gru

5 Prima messa in funzione

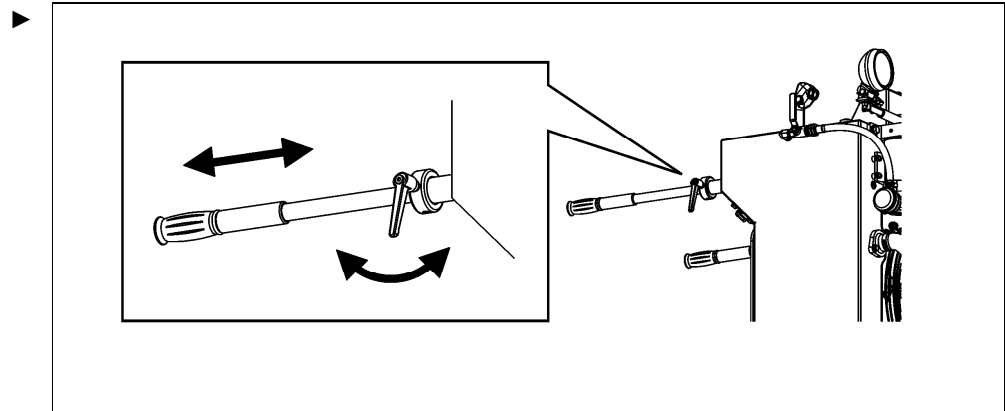
5.1 Montaggio della batteria



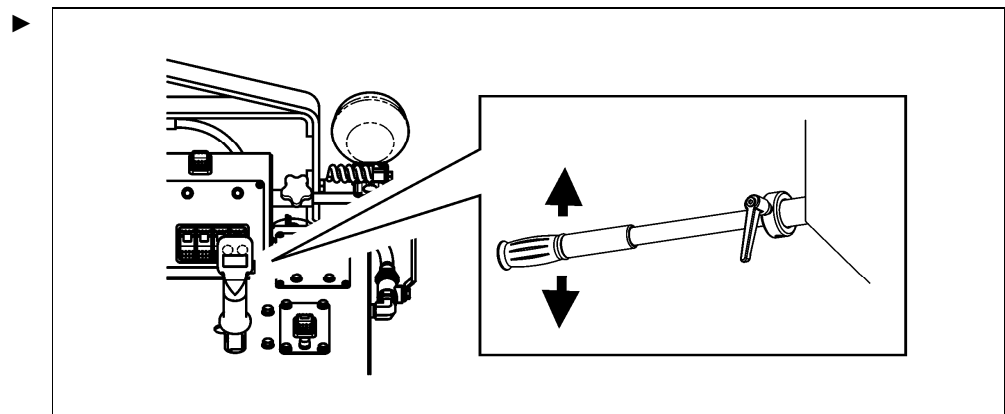
- ▶ Montare la batteria (tipo: ved. capitolo Dati tecnici).

6 Montaggio / attrezzamento

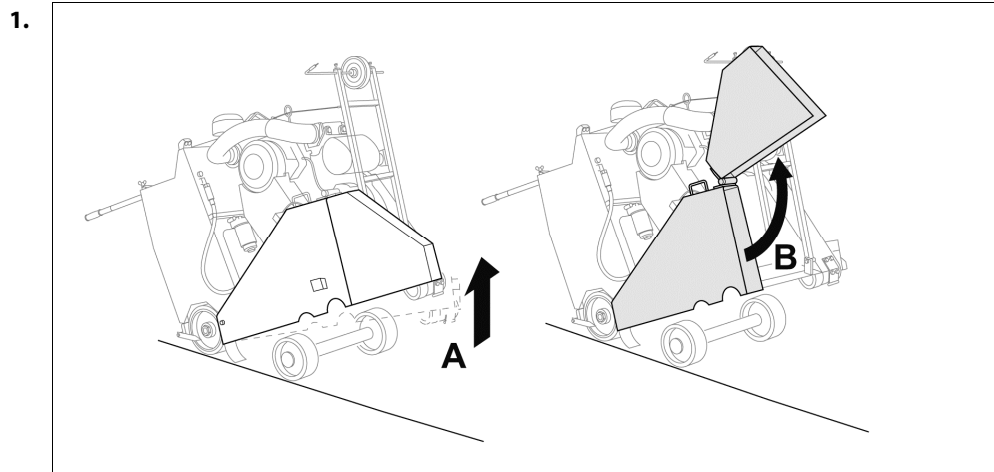
6.1 Montaggio delle impugnature



6.2 Regolazione dell'altezza delle impugnature



6.3 Montaggio del disco della sega



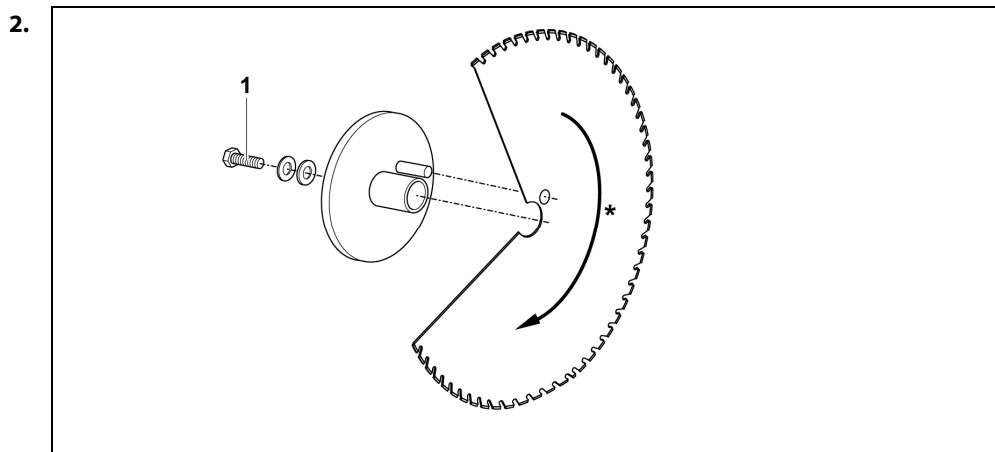
PERICOLO

Pericolo di morte o lesioni gravi in caso di proiezione di parti della macchina/opera (segmenti, schegge di calcestruzzo, disco ecc.)!

- ▶ Lavorare con il tagliagunti solo con carter di protezione del disco applicato.
- ▶ Nel montare il disco della sega sul lato destro, impiegare la vite di fissaggio con filettatura sinistrorsa.
Nel montarlo sul lato sinistro, impiegare la vite con filettatura destrorsa.

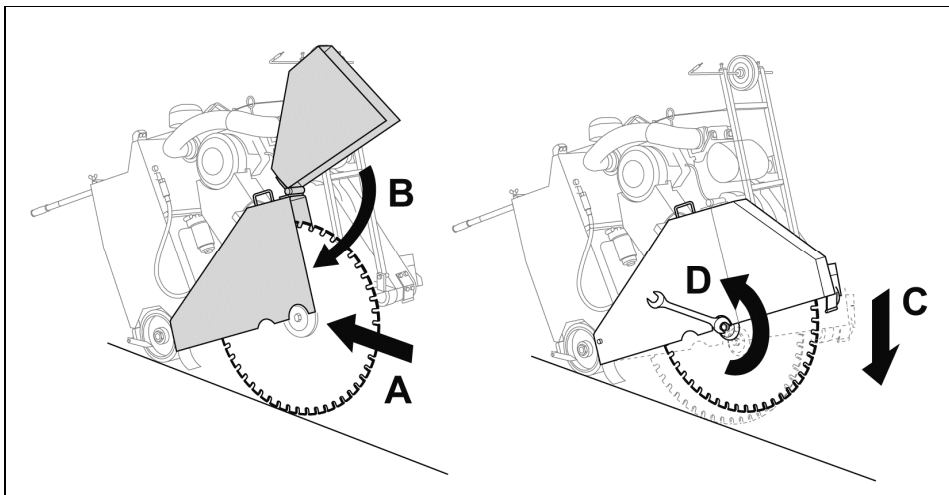


- ▶ Prestare attenzione alle frecce indicatrici del senso di rotazione sul disco.



- 1 Vite di fissaggio
* Prestare attenzione al senso di rotazione

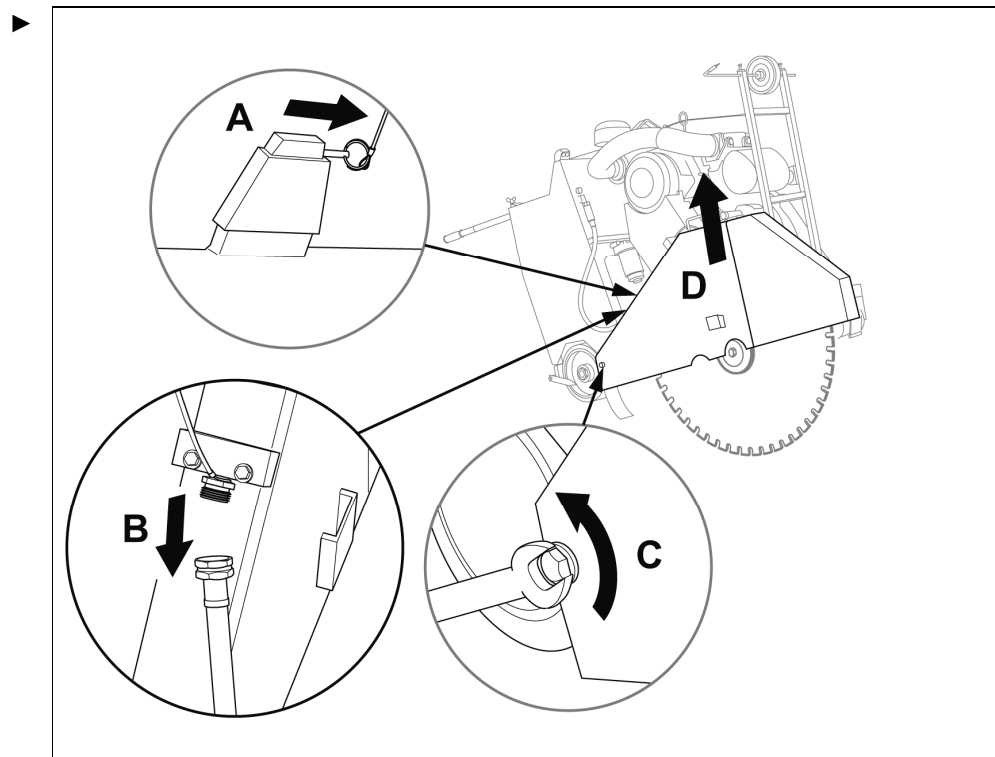
3.



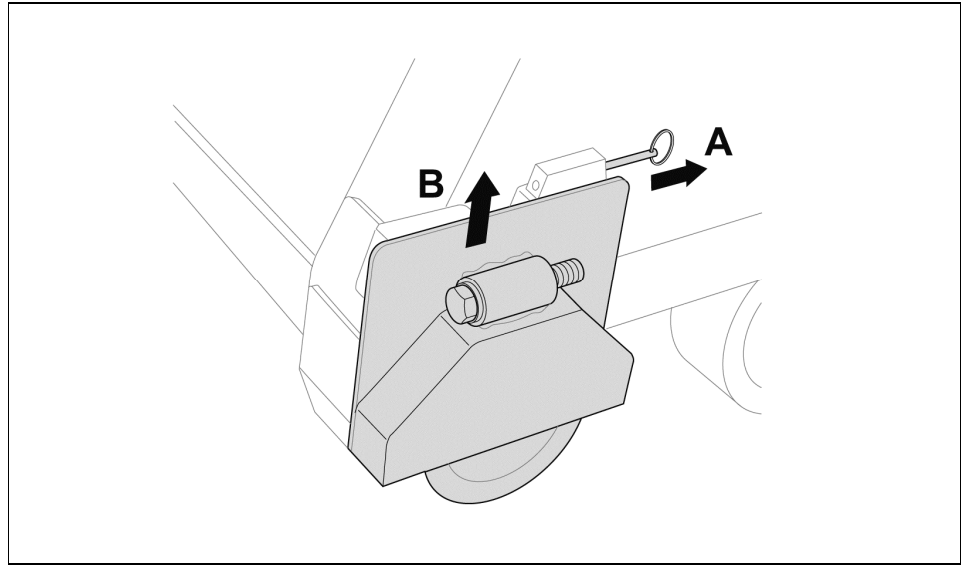
C: Per impedire che il disco della sega ruoti nel serrarlo, appoggiarlo con cautela a terra.

6.4 Montaggio del disco sull'altro lato

6.4.1 Smontaggio del carter di protezione del disco



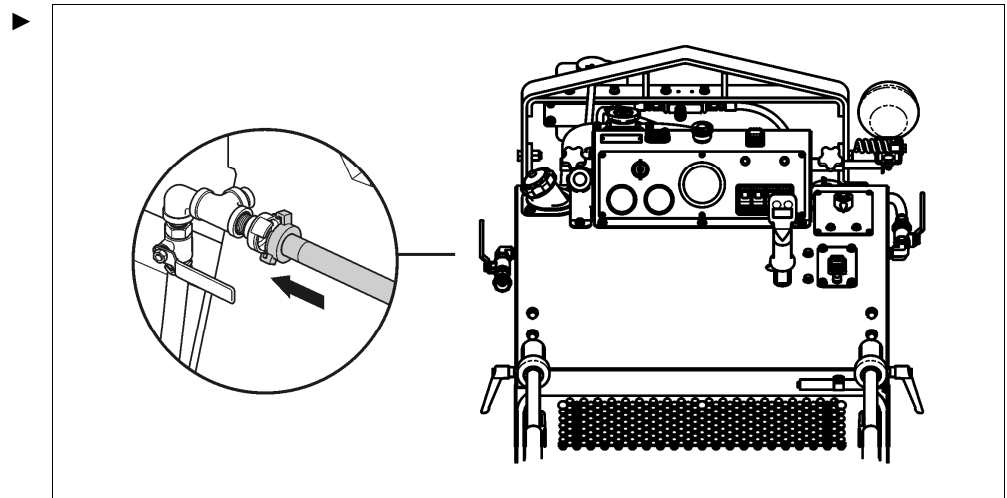
6.4.2 Smontaggio del riparo alberi



6.4.3 Montaggio del carter disco e del riparo alberi sull'altro lato

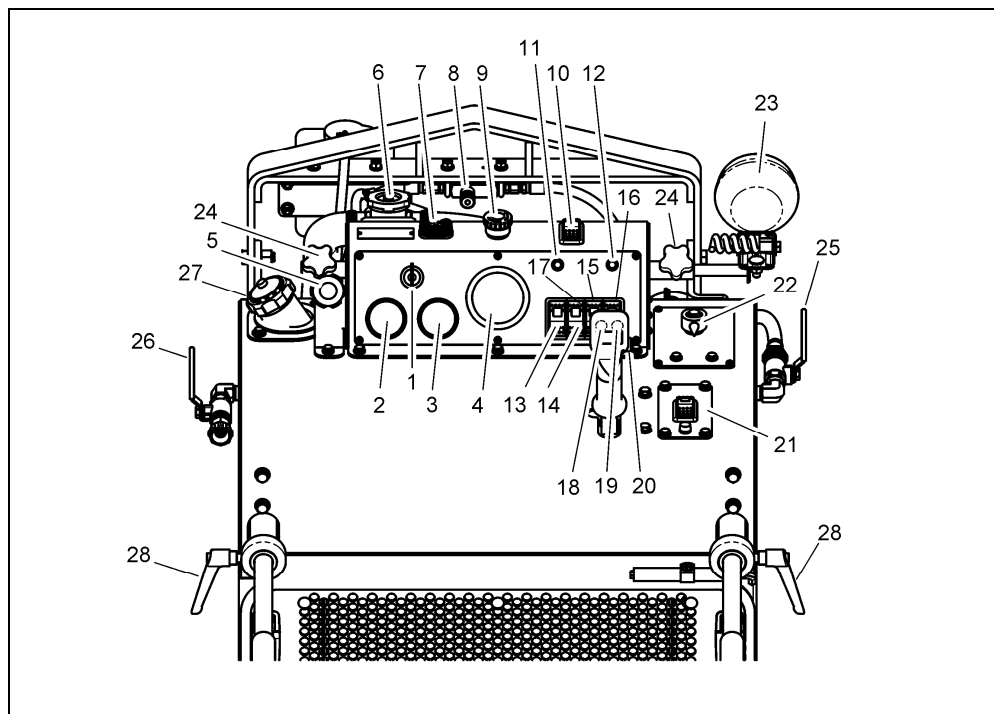
Il montaggio del carter disco e del riparo alberi si effettua nell'ordine inverso a quello di smontaggio.

6.5 Collegamento della tubazione dell'acqua



7 Modalità d'uso

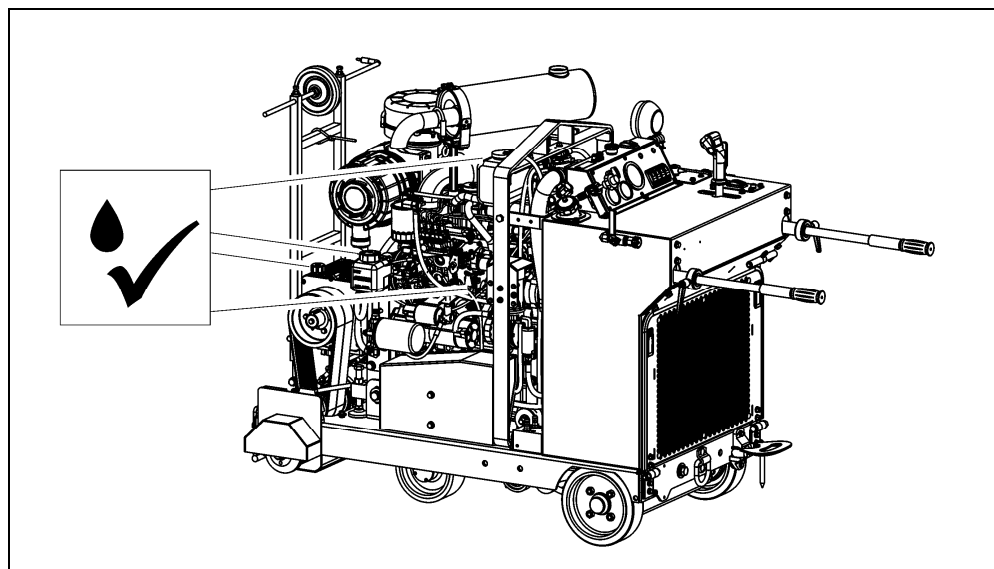
7.1 Vista generale degli elementi di comando



Elementi di comando

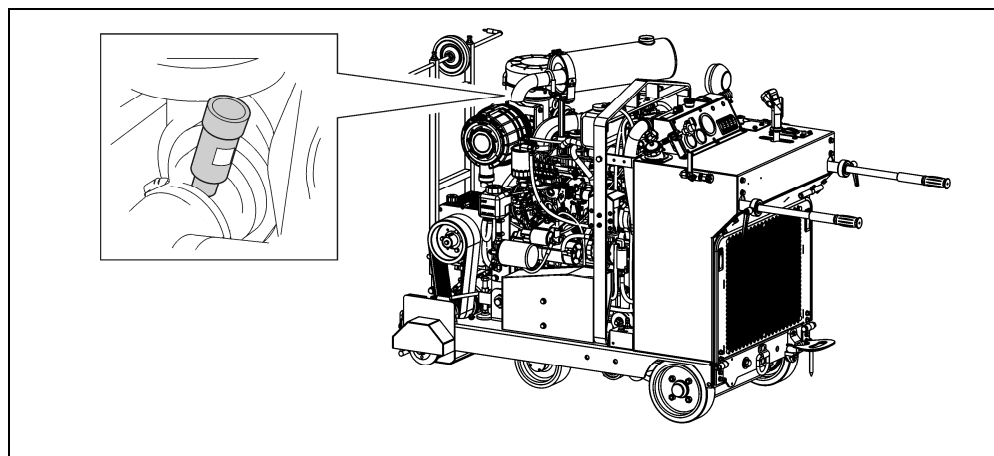
1	Interruttore di accensione	11	Spia acqua ON / OFF	21	Interruttore frizione disco
2	Spia temperatura refrigerante	12	Spia memorizzazione profondità di taglio	22	Indicatore della profondità di taglio
3	Spia allarme motore	13	Interruttore acqua ON / OFF	23	Proiettore
4	Contagiri disco	14	Interruttore freno ON / OFF	24	Regolazione angolare proiettore
5	Cavo acceleratore motore	15	Interruttore faro	25	Regolazione dell'acqua
6	Tappo radiatore	16	Interruttore (opzionale)	26	Alimentazione dell'acqua APERTO/CHIUSO
7	Supporto filo indicatore di taglio	17	Leva velocità di spostamento	27	Bocchettone rifornimento carburante
8	Valvola di regolazione	18	Interruttore Sollevamento	28	Leva di serraggio impugnatura
9	Pulsante di arresto di emergenza	19	Interruttore Abbassamento		
10	Interruttore memorizzazione profondità di taglio	20	Regolazione altezza impugnature		

7.2 Controllo dei livelli dell'olio e dell'acqua di raffreddamento



► Attenersi alle istruzioni d'uso del produttore del motore.

7.3 Controllo del filtro aria

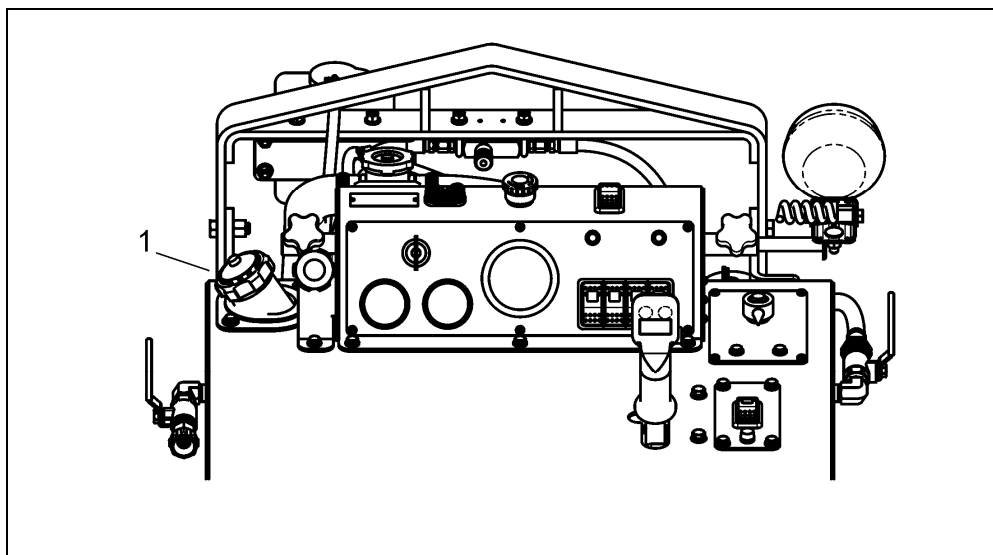


Il colore della spia d'ispezione ha il seguente significato:

Colore spia	Significato
Giallo	Filtro aria in ordine
Rosso	Filtro aria ostruito

► Se il filtro dell'aria è ostruito, sostituirlo.

7.4 Controllo del livello di propellente

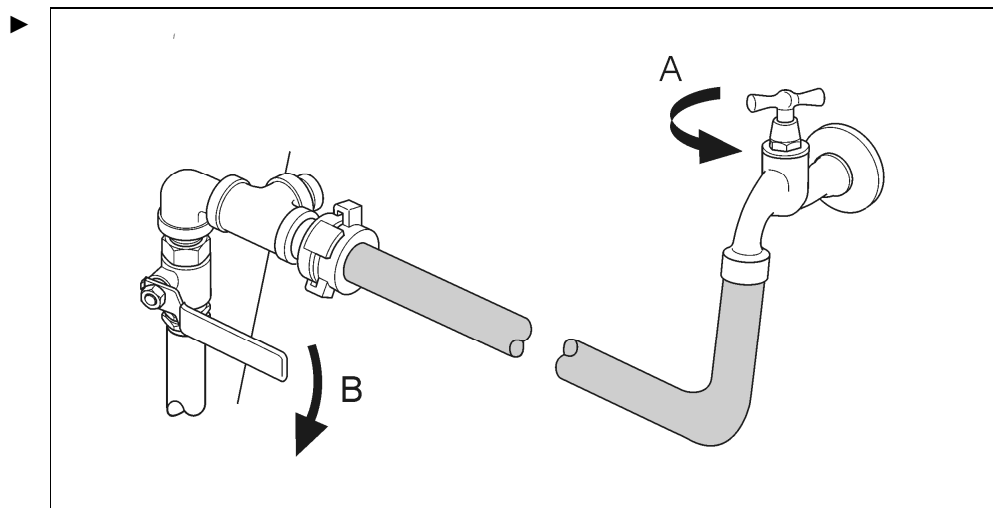


- Controllare l'indicatore di livello (1) sul tappo ed eventualmente rabboccare gasolio.

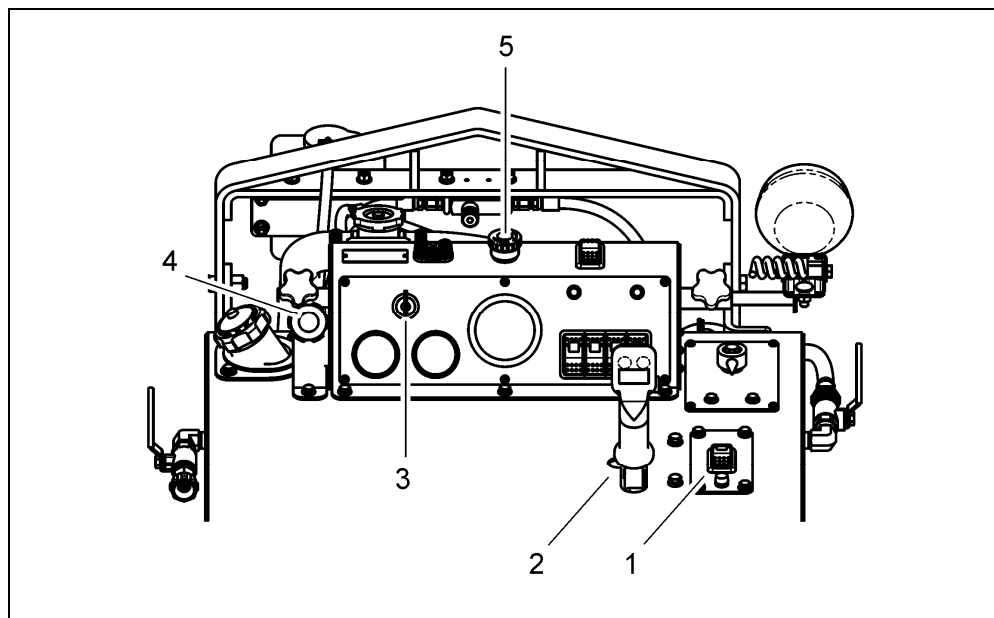
7.5 Posizionamento del tagliagiunti



1. Portare il tagliagiunti in posizione di lavoro.
2. Posizionare di precisione la macchina con gli indicatori di taglio.

7.6 Allacciamento dell'acqua



7.7 Accensione del motore



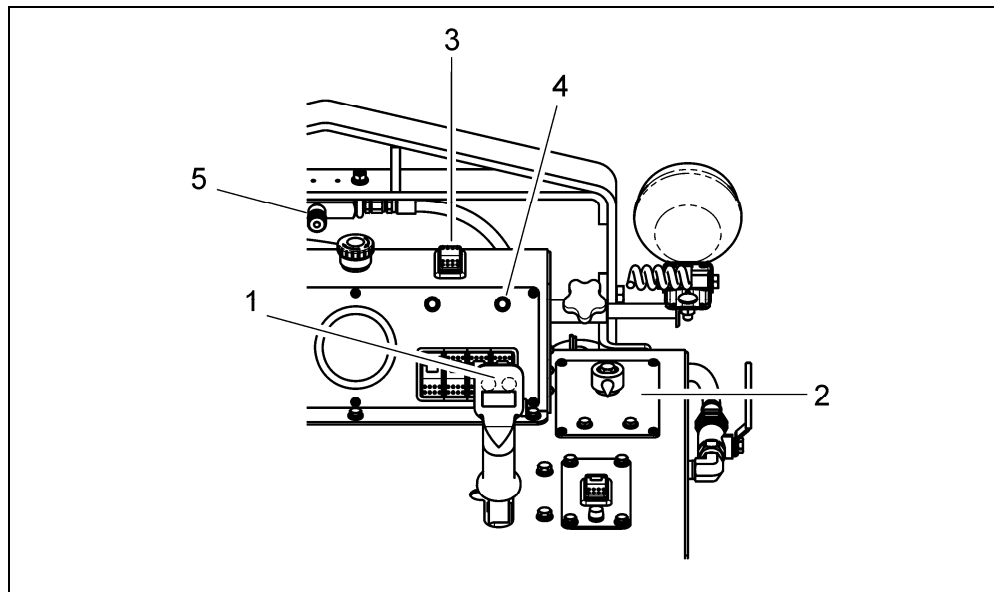
Simbolo	Significato
	Interruttore - frizione innestata
	Interruttore - frizione disinnestata

- ✓ Leva di comando (2) inserita in posizione **0**
- ✓ Interruttore della frizione (1) in posizione di disinnesto
- ✓ Interruttore di **arresto d'emergenza** (5) rilasciato

1. Mettere la chiave d'accensione (3) in posizione di preriscaldamento finché la rispettiva spia non si spegne.
2. Ruotare ulteriormente la chiave in senso orario.
Durante l'avviamento la spia della batteria e quella della pressione olio si accendono per rispegnersi immediatamente dopo.
3. Impostare il numero di giri del disco ottimale tramite il regolatore di regime del motore (4).

7.8 Abbassamento / sollevamento del disco

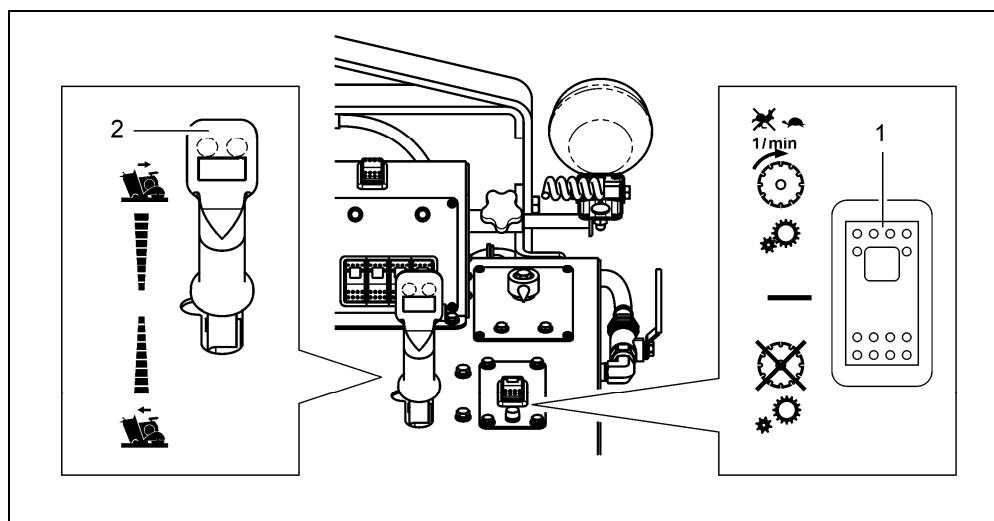
7.8.1 Esempio di abbassamento



1. Premere il tasto **Abbassamento** (1) quanto necessario per portare il disco a contatto con il materiale da tagliare.
2. Portare l'indicatore della profondità di taglio (2) in posizione **0**.
3. Con il tasto **Abbassamento** portare il disco alla profondità di taglio desiderata.
4. Spingere in avanti il pulsante battuta in profondità (3) per almeno 3 secondi; la spia (4) si accende.
5. La velocità di abbassamento può essere regolata mediante l'apposita valvola (5).

Per disattivare la profondità di taglio memorizzata basta sollevare leggermente il disco della sega e spingere indietro il commutatore (3).

7.9 Regolazione dell'avanzamento

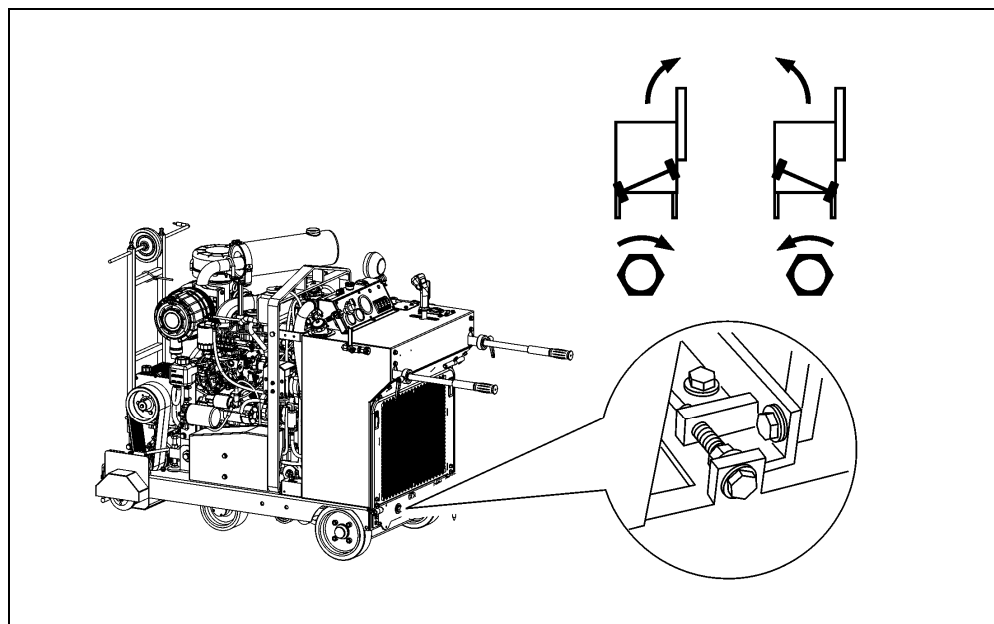


Simbolo	Significato
	Interruttore - frizione innestata
	Interruttore - frizione disinnestata
	Regolatore avanzamento in avanti
	Regolatore avanzamento all'indietro

- ✓ Regolatore avanzamento in posizione neutra
- ✓ Freno rilasciato

1. Portare l'interruttore della frizione (1) in posizione di innesto.
Importante: L'innesto deve avvenire solo con il motore a basso regime di giri (numero di giri del disco)
2. Con il regolatore dell'avanzamento (2) impostare il senso di traslazione e la velocità.

7.10 Correzione della traiettoria



Correzione della traiettoria

- Mentre il taglio è in corso, regolare l'asse della ruota posteriore con la vite di registro.

7.11 Innesto del rapporto nel riduttore a 3 velocità



PERICOLO

Pericolo di morte o lesioni gravi in caso di utilizzo non corretto.

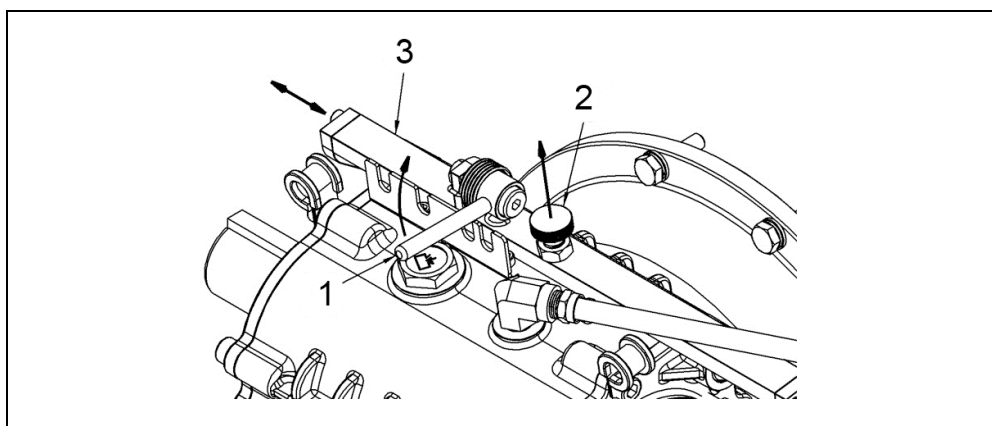
Il rapporto può essere cambiato solo a motore fermo. Non agire mai sul dispositivo di innesto con motore in funzione.

7.11.1 Innesto del rapporto



INFORMAZIONI

Per innestare il rapporto non occorrono attrezzi.



1. Spegner il motore.
2. Aprire il cofano motore.
3. Spingere verso l'alto la leva d'innesto (1) e disimpegnare il fermo (2).
4. Portare la leva nella posizione corrispondente al rapporto desiderato.

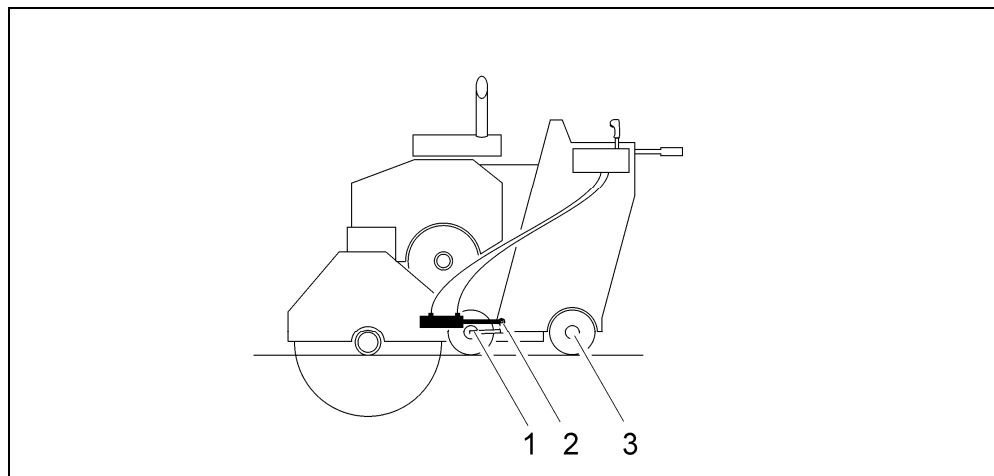
Rapporto (designazioni)	
M = Medium	▶ Velocità media
L = Low	▶ Bassa velocità
N = Neutral	▶ Nessun rapporto innestato
H = High	▶ Alta velocità

5. Spingere la leva d'innesto (1) nella sede desiderata.
Bloccare la leva in posizione con il fermo (2).

8 Manutenzione

Quando?	Cosa?
Quotidianamente	<ul style="list-style-type: none"> ▶ Controllare il livello dell'olio. ▶ Eseguire un controllo visivo di eventuali danni.
Settimanalmente	<ul style="list-style-type: none"> ▶ Controllare la tensione della cinghia e, se necessario, ripristinare la corretta tensione.
Ogni 50 ore di esercizio	<ul style="list-style-type: none"> ▶ Rabboccare grasso nell'ingrassatore.
Ogni anno oppure ogni 100 ore d'esercizio	<ul style="list-style-type: none"> ▶ Fare eseguire la manutenzione generale da TYROLIT Hydrostress AG o una rappresentanza autorizzata.
Come da indicazioni del produttore del motore	<ul style="list-style-type: none"> ▶ Eseguire tutte le necessarie misure come da istruzioni del produttore del motore.

8.1 Ingrassatore



Posizione degli ingrassatori

- 1 Supporto albero di sollevamento
- 2 Occhio cilindro
- 3 Cuscinetto trasmissione a ruota

9 Guasti

Guasto	Possibile causa	Rimedio
Il tagliagiunti non funziona	L'interruttore di arresto di emergenza è premuto.	▶ Rilasciare l'interruttore di arresto d'emergenza .
Disco della sega bloccato	Disco inceppato nel materiale da tagliare	▶ Arretrare il tagliagiunti. ▶ Sbloccare eventualmente il disco inclinando la macchina. ▶ All'occorrenza fermare il motore, smontare il disco e disimpegnarlo dal materiale da tagliare.
Il disco non gira nonostante il motore sia in funzione	Cinghia allentata	▶ Portare la cinghia in tensione o farla sostituire.
	Perno di trascinamento rotto nella flangia di fissaggio	▶ Montare una flangia di fissaggio nuova.
L'avanzamento non funziona	Funzionamento irregolare della tiranteria di comando	▶ Controllare la tiranteria ed eventualmente farla riparare.
	Comando idrostatico difettoso	▶ Controllare il comando idrostatico ed eventualmente farlo riparare da un tecnico TYROLIT Hydrostress.
Rotazione irregolare del motore	Tipo di propellente errato	▶ Spegnerne immediatamente il motore e sostituire il propellente.
	Filtro diesel ostruito	▶ Fare sostituire il filtro.
Spia batteria accesa	Contatti difettosi nel collegamento tra batteria e alternatore	▶ Controllare i contatti ed eventualmente ripristinarli.
	Stato di carica batteria insufficiente	▶ Caricare la batteria o sostituirla.
	La batteria si sovraccarica	▶ Controllare la dinamo
Spia di temperatura olio accesa	Temperatura olio eccessiva	▶ Lasciare girare il tagliagiunti in assenza di carico finché la spia non si spegne.
	Livello olio insufficiente	▶ Rabboccare l'olio.
Spia di pressione olio accesa	Pompa olio difettosa	▶ Fare sostituire la pompa olio.
Indicatore di temperatura motore nel settore rosso	Carico motore troppo elevato	▶ Lasciare girare il motore alcuni minuti senza carico. ▶ Controllare il livello del refrigerante

10 Dati tecnici

10.1 Dimensioni

Parametro	Valore
Peso	987 kg
Profondità di taglio (max.)	500 mm
Ø supporto disco	25,4 mm
Ø disco max.	1.200 mm
Dimensioni (ingombro con carter di protezione disco sollevato)	Lungh. 1.615 mm Largh. 930 mm Alt. 1.335 mm

10.2 Motore

Parametro	Valore
Tipo	KUBOTA
Potenza	74 CV
Regime nominale	Come da istruzioni d'uso del produttore
Contenuto d'olio	Come da istruzioni d'uso del produttore
Capacità serbatoio	34 l
Propellente	Diesel
Raffreddamento	Raffreddamento ad acqua / ad aria

10.3 Comando sollevamento

Parametro	Valore
Tipo di trasmissione	Elettroidraulica
Qualità olio	ATF Dexron II D

10.4 Comando avanzamento

Parametro	Valore
Tipo di trasmissione	Idraulica
Qualità olio	ATF Dexron II D
Raffreddamento	Ad aria

10.5 Livello di rumorosità e vibrazioni

Parametro	Valore	
	FSD1274★★★	FSD1274 3- Gang★★★
Livello di rumorosità nel posto di lavoro (L _{PA})	96,9 dB(A)*	91,3 dB(A)*
Pressione acustica sec. ISO 3744 (L _{WA})	116,9 dB(A)*	111,3 dB(A)*
Vibrazioni DIN EN ISO 5349-2	< 2,5 m/s ²	

* Valore nelle seguenti condizioni: comando avanzamento disinserito e disco della sega non in presa. Misurazione a macchina ferma, con motore a pieno carico e disco della sega Ø900 mm. Nella fase di taglio il livello di rumorosità può essere superiore.

10.6 Batteria

Parametro	Valore
Descrizione	Batteria a 12 Volt Group size 24
N. art. batteria DP	EODP 2800465
Lunghezza	260 mm
Larghezza	173 mm
Altezza	225 mm
Capacità	70 Ah
Sigla produttore	P7029

10.7 Dati di taglio FSD1274★★★

Carter di protezione disco	Ø disco	Disco giri/min	Ø puleggia cinghia inferiore	Ø puleggia cinghia superiore	Dim. cinghia	Ø flangia supporto disco	Profondità di taglio
20" / 500 mm	500 mm	2.475	3,65"	6,5"	3VX530	5" / 127 mm	185
26" / 600 mm	600 mm	2.075	4"	6"	3VX530	5" / 127 mm	235
30" / 700 mm	700 mm	1.725	4,5"	5,6"	3VX530	5" / 127 mm	285
36" / 900 mm	900 mm	1.475	4,75"	5"	3VX530	6" / 152 mm	370
42" / 1.000 mm	1.000 mm	1.175	4,75"	4"	3VX355	7" / 178 mm	410
48" / 1.200 mm	1.200 mm	1.050	4,75"	4"	3VX355	8" / 203 mm	500



La puleggia della cinghia può essere sostituita esclusivamente da un tecnico TYROLIT Hydrostress o altro tecnico specializzato.

10.8 Dati di taglio FSD1274★★★ a 3 velocità

Ø disco	Rapporto	Disco giri/min	Ø puleggia cinghia inferiore	Ø puleggia cinghia superiore	Dim. cinghia	Ø flangia supporto disco	Profondità di taglio	Motori giri/min
700 mm	H (High)	1700	4.75"	4.75"	3VX450	8" / 203 mm	285	2800
1000 mm	M (Medium)	1250	4.75"	4.75"	3VX450	8" / 203 mm	410	2800
1200 mm	L (Low)	975	4.75"	4.75"	3VX450	8" / 203 mm	500	2800



Il rapporto può essere cambiato solo a motore fermo. Non agire mai sul dispositivo di innesto con motore in funzione.

Dichiarazione di conformità CE

Denominazione	Tagliagiunti
Denominazione del tipo	FSD1274 ★★★ / 0FSD1274 ★★★ a 3 velocità
Anno di costruzione	2010
Produttore	TYROLIT Hydrostress AG

Dichiariamo sotto la nostra completa responsabilità che il presente prodotto è conforme alle seguenti direttive e norme:

Direttiva applicata

Direttiva sulle macchine	2006/42/CE
Emissioni di rumore	2000/14/CE
Direttiva inquinante	2004/26/EG

Norme applicate

EN 12100	Sicurezza delle macchine – Definizioni base, principi generali di progettazione.
EN 13862	Rettificatrici per pavimenti – Sicurezza
EN 982	Sicurezza delle macchine Requisiti tecnici di sicurezza per impianti tecnici di sicurezza e relative parti idrauliche.
EN ISO 3744	Rilevamento del livello di potenza di fonti di rumore mediante misurazione della pressione acustica

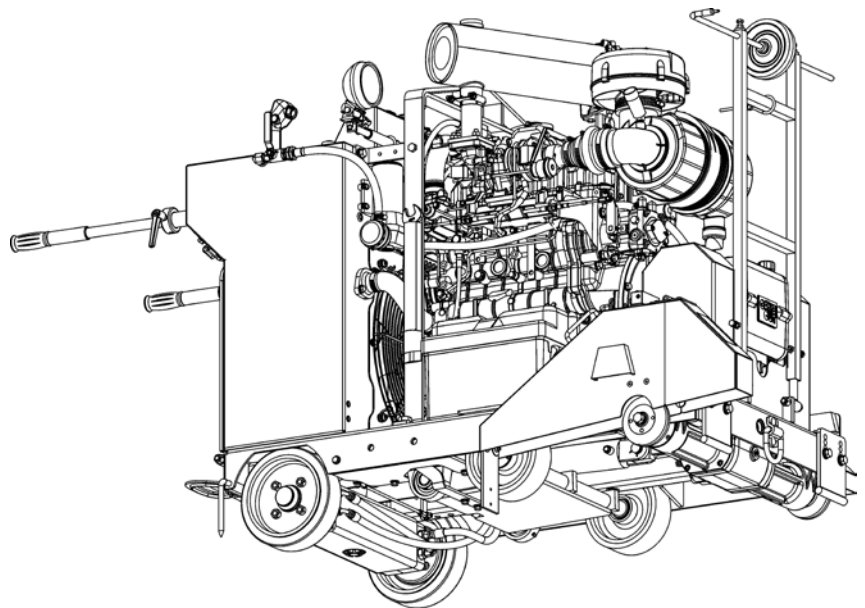
Ersatzteilliste

Spare Parts List / Liste des pièces détachées / Lista delle parti di ricambio

FSD1274★★★

FSD1274★★★ 3-Speed gear

Index / Indice «001»



Verwendung der Ersatzteilliste

Die Ersatzteilliste ist keine Montage- oder Demontageanleitung. Diese Ersatzteilliste dient ausschliesslich zum einfachen und schnellen Finden von Ersatzteilen, die bei der untenstehenden Adresse bestellt werden können.

Sicherheitsvorschrift



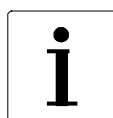
Gefahr

Montieren oder demontieren von Baugruppen kann Risiken bergen, auf die in dieser Ersatzteilliste nicht hingewiesen wird.

Das Verwenden dieser Ersatzteilliste für Montage- oder Demontagezwecke ist strikte verboten. Für Montage- und Demontearbeiten sind ausschliesslich die entsprechenden Beschreibungen in der Betriebsanleitung zu befolgen.

Nichtbeachten dieser Vorschrift kann zu Verletzungen führen, die im schlimmsten Fall auch den Tod zur Folge haben könnten.

Bestellungen



Information

Um Falschlieferungen zu vermeiden sollten vor der Versendung die Angaben in der Bestellung auf Richtigkeit und Vollständigkeit (siehe unter Bestellangaben) überprüft werden.

Es ist auch darauf zu achten, dass die Lieferadresse vollständig angegeben ist.

Bestelladresse:

TYROLIT Hydrostress AG

Witzbergstrasse 18
CH-8330 Pfäffikon
Switzerland
Tel. +41 (0) 44 / 952 18 18
Fax +41 (0) 44 / 952 18 00
e-mail: info@tyrolit.com

www.tyrolit.com

Ersatzteilliste

Bestellangaben

Bei Bestellungen von Ersatzteilen benötigen wir folgende Angaben:

- Maschinentyp gemäss Typenschild
- Maschinenummer gemäss Typenschild
- Maschinenindex gemäss Typenschild
- Ersatzteilnummer gemäss Ersatzteilliste

Für Bestellungen, Fragen und Informationen wenden Sie sich bitte an die zuständige Niederlassung.

How to use the spare parts list

The spare parts list is not intended as instructions for assembly or dismantling work. It is exclusively intended to help you to quickly and easily find spare parts, which can then be ordered at the address below.

Safety regulations



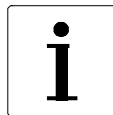
Danger

The assembling or dismantling of modules can involve risks which are not identified in this spare parts list.

The use of this spare parts list for assembly or dismantling purposes is strictly forbidden. For assembly or dismantling tasks it is essential to only follow the corresponding descriptions in the operating manual.

If this regulation is not heeded injuries may be incurred which in the worst case can also be fatal.

Ordering



Information

To avoid incorrect deliveries you should check the order details for correctness and completeness (see under ordering details) prior shipment.

You should ensure that the delivery address is given in full.

Order address:

TYROLIT Hydrostress AG

Witzbergstrasse 18
CH-8330 Pfäffikon
Switzerland
Tel. +41 (0) 44 / 952 18 18
Fax +41 (0) 44 / 952 18 00
e-mail: info@tyrolit.com

www.tyrolit.com

Spare Parts List

Ordering details

When spare parts are ordered we need the following details:

- Machine type according to nameplate
- Machine number according to nameplate
- Machine index according to nameplate
- Spare part number according to the spare parts list

For orders, questions and information please contact your responsible branch office.

Utilisation de la liste des pièces détachées

La liste des pièces détachées n'est pas une instruction de montage ou de démontage. Cette liste sert exclusivement à trouver simplement et rapidement les pièces détachées, qui peuvent être commandées à l'adresse mentionnée ci-dessous.

Prescription de sécurité



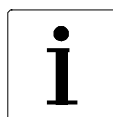
Danger

Le montage ou le démontage des modules peut présenter des risques dont il n'est pas fait mention dans cette liste des pièces détachées.

Il est strictement interdit d'employer cette liste des pièces détachées à des fins de montage ou de démontage. Pour les opérations de montage et de démontage, il faut exclusivement suivre les descriptions correspondantes dans le mode d'emploi.

Le non-respect de la présente prescription peut conduire à des blessures, pouvant même entraîner la mort.

Commandes



Information

Pour éviter des livraisons inappropriées, il est conseillé de vérifier avant l'expédition l'exactitude et l'exhaustivité des indications fournies dans la commande (voir Données de commande).

Il faut aussi veiller à bien indiquer l'adresse de livraison en entier.

Adresse de commande :

TYROLIT Hydrostress AG

Witzbergstrasse 18
CH-8330 Pfäffikon
Switzerland
Tel. +41 (0) 44 / 952 18 18
Fax +41 (0) 44 / 952 18 00
e-mail: info@tyrolit.com

www.tyrolit.com

Liste des pièces détachées

Données de commande

Lors de la commande de pièces détachées, nous avons besoin des données suivantes :

- Type de machine selon la plaque signalétique
- Numéro de machine selon la plaque signalétique
- Indice de machine selon la plaque signalétique
- Numéro de pièce détachée selon la liste des pièces détachées

Pour les commandes, questions et informations, vous êtes prié de vous adresser à la filiale compétente.

Uso della lista delle parti di ricambio

La lista delle parti di ricambio non è un manuale d'istruzioni per montaggio o smontaggio. Questa lista delle parti di ricambio serve esclusivamente per trovare in modo semplice e rapido parti di ricambio che possono essere ordinate all'indirizzo riportato qui sotto.

Norme di sicurezza



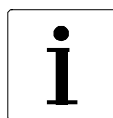
Pericolo

Il montaggio o lo smontaggio di componenti della macchina può comportare pericoli che non sono indicati in questa lista delle parti di ricambio.

E' assolutamente vietato servirsi di questa lista delle parti di ricambio per scopo di montaggio o di smontaggio. Per operazioni di montaggio o smontaggio occorre seguire esclusivamente le relative istruzioni nel manuale per l'uso della macchina.

La mancata osservanza di queste norme può comportare lesioni, e nel caso peggiore anche la morte.

Ordinazioni



Informazioni

Per evitare forniture incorrette, occorre verificare prima dell'invio dell'ordinazione se i dati indicati in essa sono corretti e completi (vedere la lista dei dati per l'ordinazione).

Occorre verificare anche se l'indirizzo per la consegna è esatto e completo.

Indirizzo per ordinazioni:

TYROLIT Hydrostress AG

Witzbergstrasse 18
CH-8330 Pfäffikon
Switzerland
Tel. +41 (0) 44 / 952 18 18
Fax +41 (0) 44 / 952 18 00
e-mail: info@tyrolit.com

www.tyrolit.com

Lista delle parti di ricambio

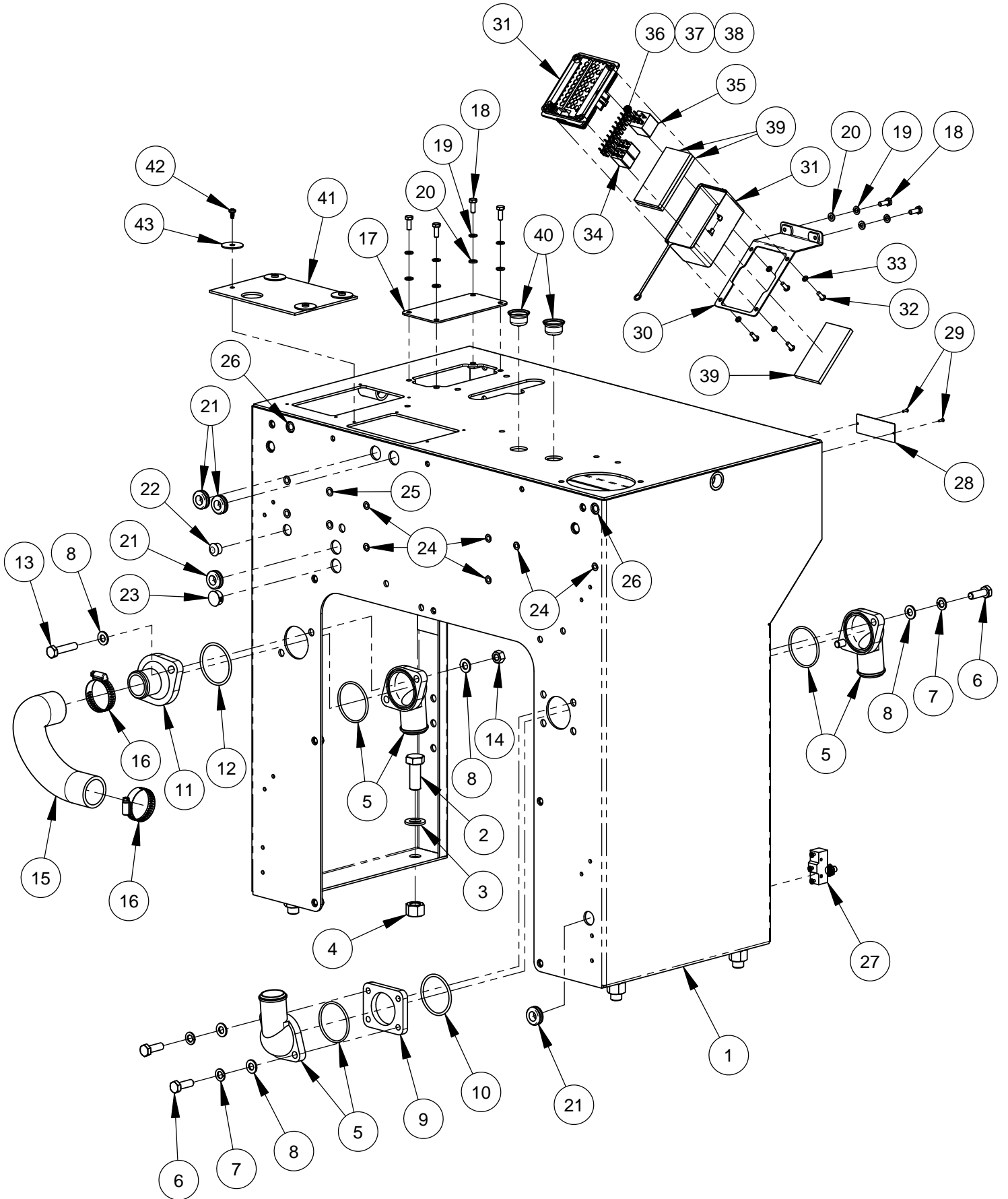
Dati per l'ordinazione

Per ordinazioni di parti di ricambio ci occorrono i dati seguenti:

- Tipo di macchina indicato sulla targhetta della macchina
- Numero della macchina indicato sulla targhetta della macchina
- Indice della macchina indicato sulla targhetta della macchina
- Numero della parte di ricambio secondo la lista di parti di ricambio

Per ordinazioni, domande o richieste d'informazioni Vi preghiamo di rivolgerVi all'agenzia competente.

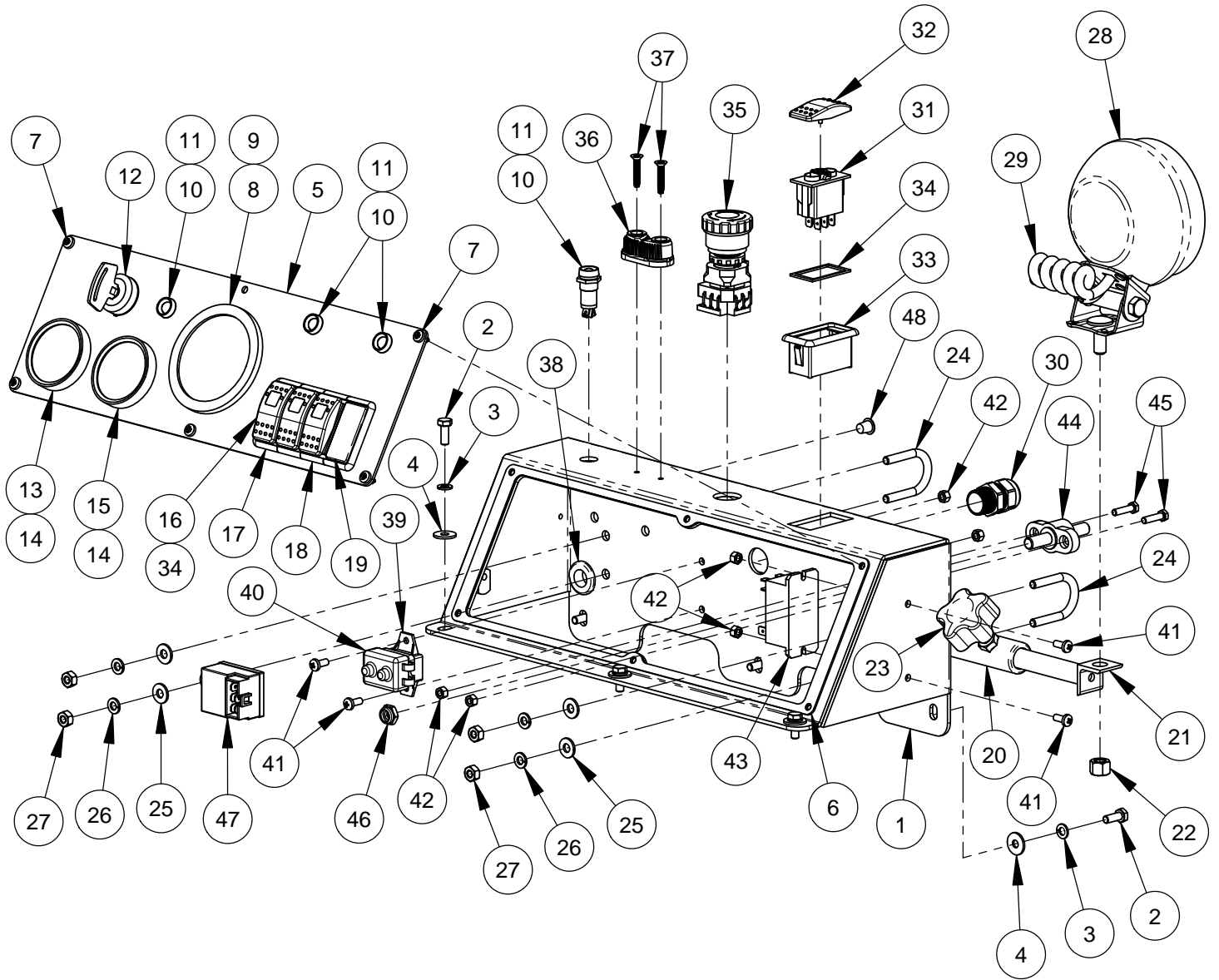
Frame Upright Assembly #6017401



Frame Upright Assembly #6017401 (SAP# 10993528)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017361	10993497	1	Frame Upright
2	2900731	10993316	4	Cap Screw, Hex Hd., M16-2.0 x 40mm
3	2901358	10993352	4	Flat Washer, M16
4	2900670	10993313	4	Lock Nut, M16-2.0 Nylon Insert
5	2502399	10989556	3	Water Neck with O-Ring
6	2900223	966356	4	Cap Screw, Hex Hd., M10-1.5 x 30mm
7	2900321	966391	4	Lock Washer, M10 Split
8	2901356	10993350	8	Flat Washer, M10
9	6017376	10993508	1	Water Neck Mount Plate
10	2503735	10989577	1	O-Ring #227
11	6017005	10989851	1	Water Neck (Modified)
12	2503774	10989589	1	O-Ring #228
13	2900317	966387	2	Cap Screw, Hex Hd., M10-1.5 x 45mm
14	2900304	966375	2	Lock Nut, M10-1.5 Nylon Insert
15	3201976	10989820	1	Coolant Hose, 1-1/2"
16	3202142	10989826	2	Hose Clamp #24
17	6017212	10989965	1	Cover Plate
18	2900341	10990112	6	Cap Screw, Hex Hd., M6-1.0 x 16mm
19	2900765	10993321	6	Lock Washer, M6 Split
20	2901494	10993370	6	Flat Washer, M6
21	2503712	10989564	4	Grommet, 9/16" I.D.
22	2500694	10986094	1	Plug, 5/8" Hole
23	2503746	10989584	1	Plug, 13/16" Hole
24	2503744	10989583	6	Plug, 1/4" Hole (Tapered)
25	2503749	10989585	4	Plug, 5/16" Hole (Tapered)
26	2503889	10993218	2	Plug, 3/8" Hole (Tapered)
27	2800926	10993271	1	Door Interlock Switch
28	1800169	10989496	1	Serial Number Plate, US
29	2900096	10989676	2	Rivet, 3/32" Dia.
30	6017433	10993558	1	Fuse Panel Bracket
31	2801488	10993276	1	Fuse Panel with Cover
32	2900708	10993314	4	Machine Screw, Rd. Hd., #10-32 x 1/2"
33	2900038	966295	4	Lock Washer, #10 Split
34	2801490	10993277	2	Relay, 35 Amp Micro
35	2801491	10993278	1	Relay, 50 Amp Mini
36	2801439	10993274	8	Fuse, 10 Amp Mini (Red)
37	2801440	10993275	1	Fuse, 15 Amp Mini (Blue)
38	2801590	10993279	1	Fuse, 20 Amp Mini (Yellow)
39	6017456	10993575	3	Foam Cushion 3-3/4"
40	2503970	10993229	2	Plug, 1" Hole
41	6017442	10993564	1	Panel Gasket
42	2900021	966282	4	Tap Screw, Pan Hd., #10-24 x 3/8"
43	2900083	10987846	4	Fender Washer, 1/4" x 1-1/4"

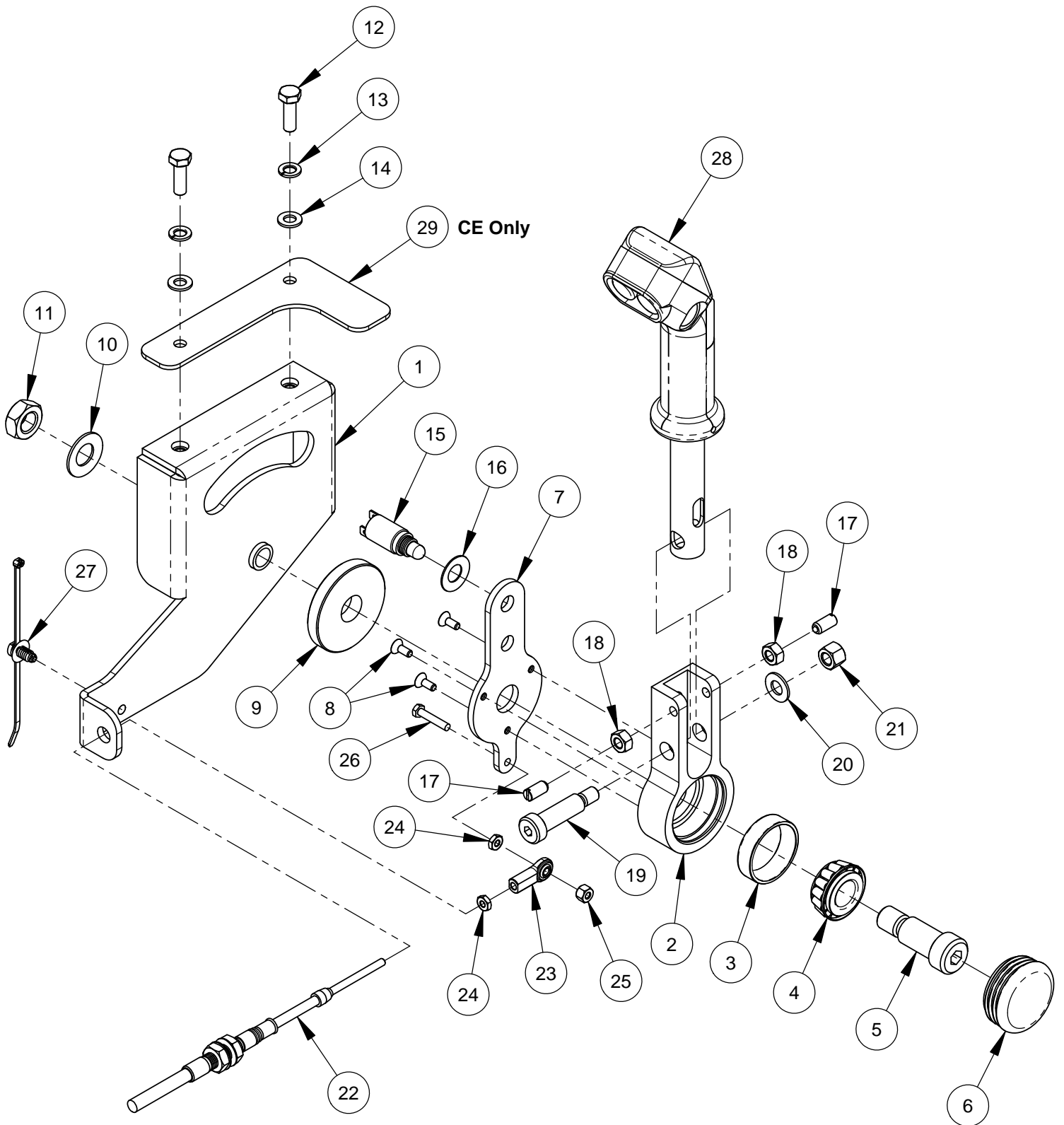
Instrument Panel Assembly #6017402A



Instrument Panel Assembly #6017402A (SAP# 10993529)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017374	10993506	1	Instrument Box
2	2900341	10990112	6	Cap Screw, Hex Hd., M6-1.0 x 16mm
3	2900765	10993321	6	Lock Washer, M6 Split
4	2901359	10993353	6	Fender Washer, M6
5	6017047	10989880	1	Gauge Panel
6	6017460	10993579	1	Gasket, Gauge Panel
7	2900021	966282	6	Tap Screw, Pan Hd., #10-24 x 3/8"
8	2800610	10993265	1	Tach/Hour Meter (VDO)
9	2400628	10989507	1	O-Ring #152
10	2800915	10993269	4	Indicator Light (Red)
11	2503982	10993232	4	O-Ring
12	2705001	10989636	1	Ignition Switch & Keys
	2705000	10989635	1	Ignition Keys Only (Pair)
13	2800617	10989657	1	Water Temperature Gauge
14	2503981	10993231	2	O-Ring #033
15	2705003	10989637	1	Cluster Gauge, 4 Warning Light
16	2800808	10989667	3	Rocker Switch
17	2800615	10989655	2	Rocker Mount End Panel
18	2800616	10989656	2	Rocker Mount Middle Panel
19	2800262	10989650	1	Rocker Mount Panel Plug
20	6017049	10989881	1	Light Mount Tube
21	6010106	966540	1	Light Bar
22	2900018	966279	1	Lock Nut, 3/8-16 Nylon
23	2400157	10989506	2	Hand Lock Knob, 5/16-18 x 1"
24	2900241	10989688	2	U-Bolt, 1/2" Pipe
25	2900009	966270	4	Flat Washer, 1/4" SAE
26	2900024	966284	4	Lock Washer, 1/4" Split
27	2900125	10989678	4	Hex Nut, 1/4-20
28	2500194	966157	1	Spot Light, 12 Volt
29	6017086	10989886	1	Coiled Light Cord (1 Foot)
30	2800623	10989658	1	Cord Grip, 1/2" NPT Nylon
31	2800258	10989646	1	Rocker Switch Body
32	2800259	10989647	1	Rocker Switch Actuator
33	2800260	10989648	1	Rocker Mount Panel
34	2800261	10989649	5	Rocker Panel Gasket
35	2801367	10988543	1	E-Stop Switch
36	2501427	10988122	1	Rope Cleat
37	2900483	10989713	2	Tap Screw, Flat Hd., #10-24 x 1"
38	2503712	10989564	1	Grommet, 9/16" I.D.
39	2800643	10989664	1	Circuit Breaker, 40 Amp
40	2800364	10989651	1	Circuit Breaker Boot
41	2900794	10993324	4	Machine Screw, Pan Hd., M5-0.8 x 12mm
42	2900301	966372	6	Lock Nut, M5-0.8 Nylon Insert
43	2801262	10993273	1	Relay, 30 Amp, 12V, DPST
44	2800626	10989660	1	Ground Stud Block
45	2900309	966379	2	Cap Screw, Hex Hd., M5-0.8 x 20mm
46	2903246	10993376	1	Jam Lock Nut, 3/8-16
47	2705006	10989639	1	Timer, 12V DC
48	2503749	10989585	1	Plug, 5/16" Hole (Tapered)

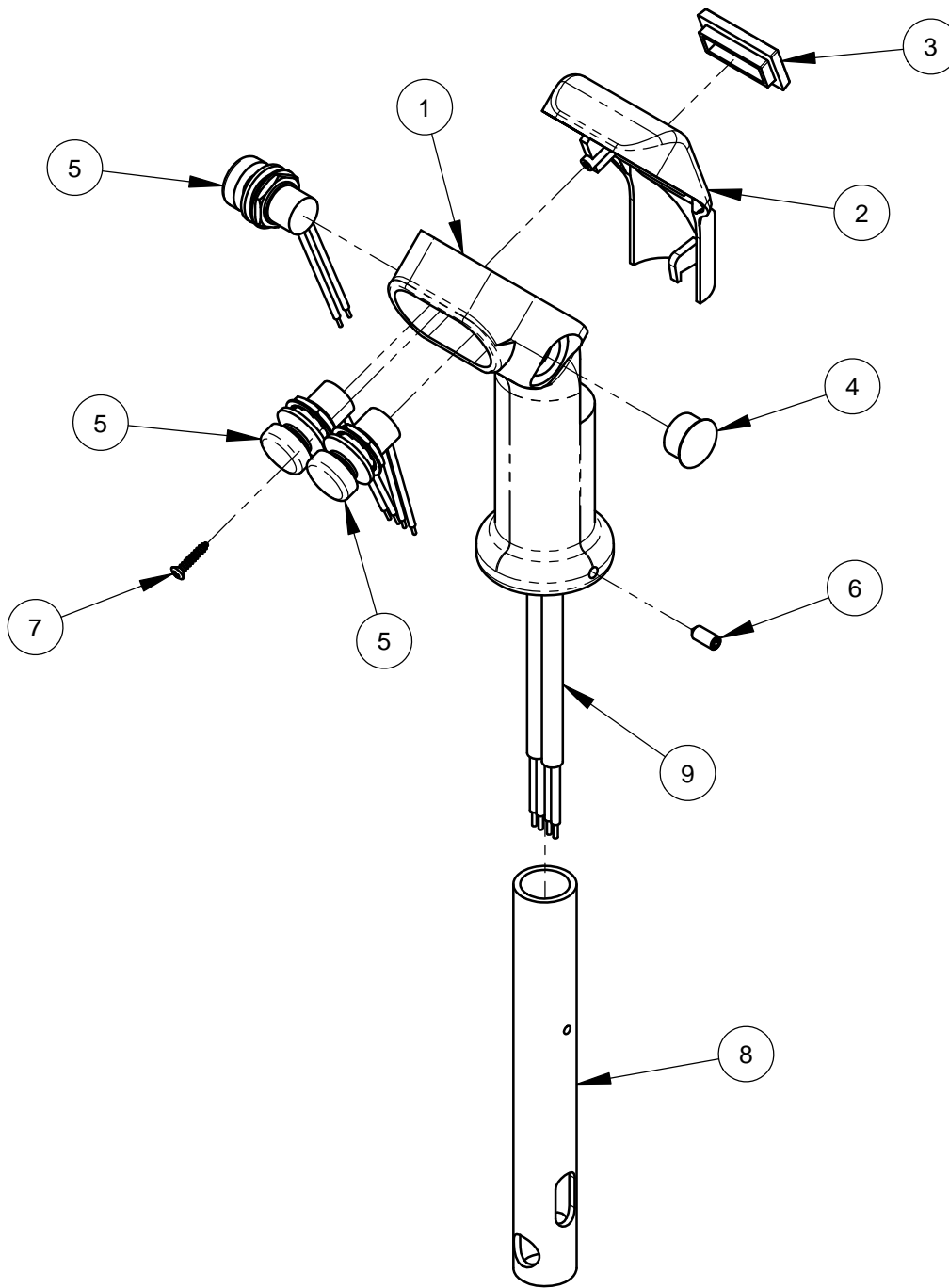
Speed Control Lever Assembly #6017403A



Speed Control Lever Assembly #6017403A (SAP# 10993530)

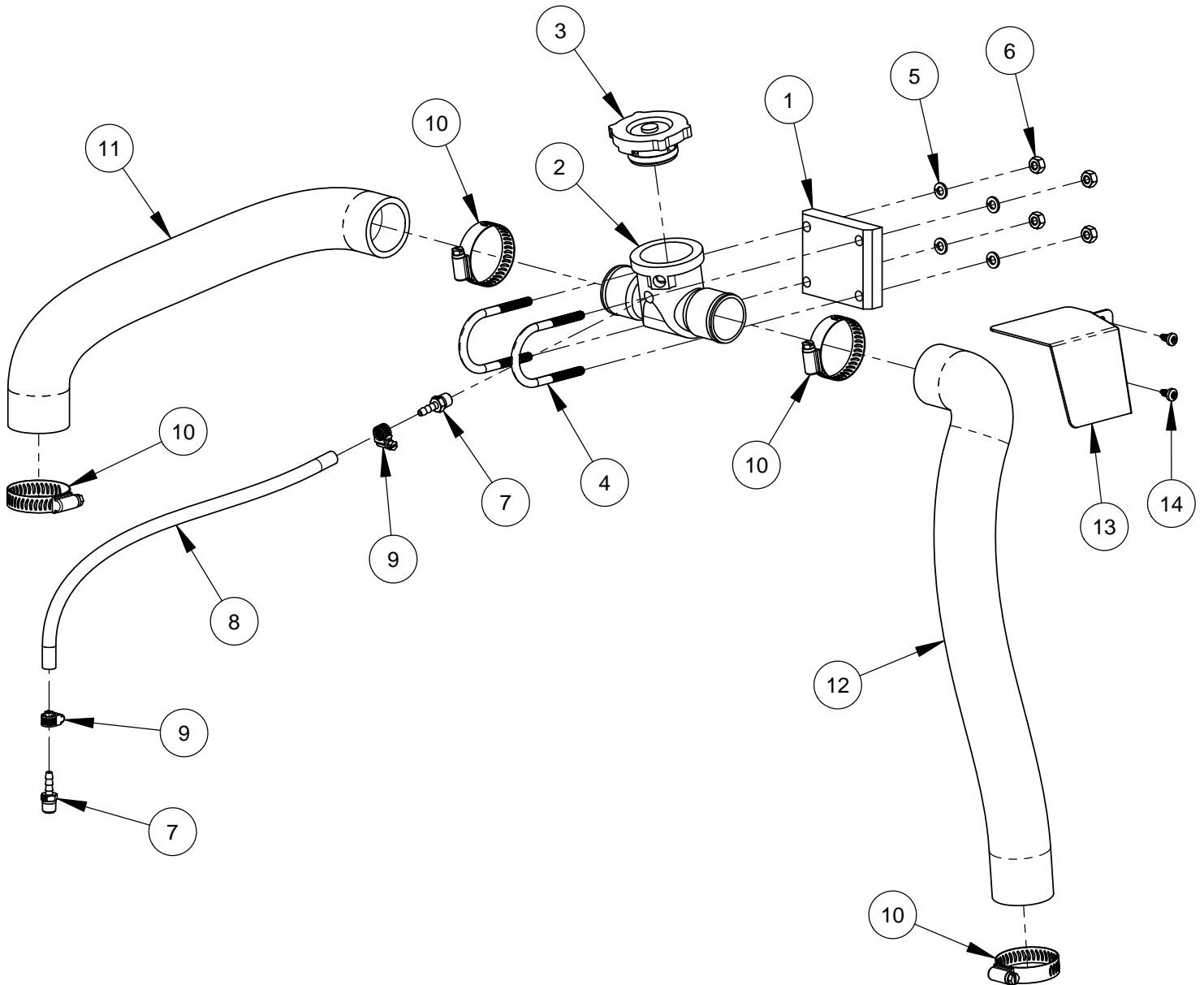
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017384	10993516	1	Speed Control Frame
2	6017023	10989861	1	Pivot Housing
3	2502384	10989551	1	Bearing Cup
4	2502383	10989550	1	Bearing Cone
5	2900825	10989737	1	Shoulder Screw, 3/4" x 1-1/4" (5/8-11)
6	2502385	10989552	1	Grease Cap
7	6017129	10990114	1	Swing Arm
8	2900978	10989770	3	Cap Screw, Flat Hd., #10-24 x 1/2"
9	6011234	10989847	1	Friction Disc, 3/4" x 2-1/2" x 3/8"
10	2900478	10989712	1	Belleville Washer, 5/8"
11	2900256	10989692	1	Jam Nut, 5/8-11
12	2900360	10993291	2	Cap Screw, Hex Hd., M8-1.25 x 25mm
13	2900763	10993320	2	Lock Washer, M8 Split
14	2901336	10993335	2	Flat Washer, M8
15	2800927	10993272	1	Neutral Safety Switch
16	2900665	10993311	1	Belleville Washer, 1/2"
17	2502386	10989553	2	Spring Plunger M8
18	2900343	10989701	2	Hex Nut, M8-1.25
19	2900826	10989738	1	Shoulder Screw, 1/2" x 1-1/2" (3/8-16)
20	2900014	966275	1	Flat Washer, 3/8" SAE
21	2900018	966279	1	Lock Nut, 3/8-16 Nylon
22	2503781	10989592	1	Control Cable 41"
23	2500791	965296	1	Rod End, #10-32 Female
24	2900188	965295	2	Hex Nut, #10-32
25	2900688	10989724	1	Lock Nut, #10-32 Nylon
26	2900687	10989723	1	Machine Screw, Hex Hd., #10-32 x 1"
27	2800916	10993270	1	Anchor Mount Zip Tie
28	6017182	10989942	1	Control Grip Assembly
29	6017319	10993490	1	Limiter Plate (CE)

Control Grip Assembly #6017182 (SAP# 10989942)



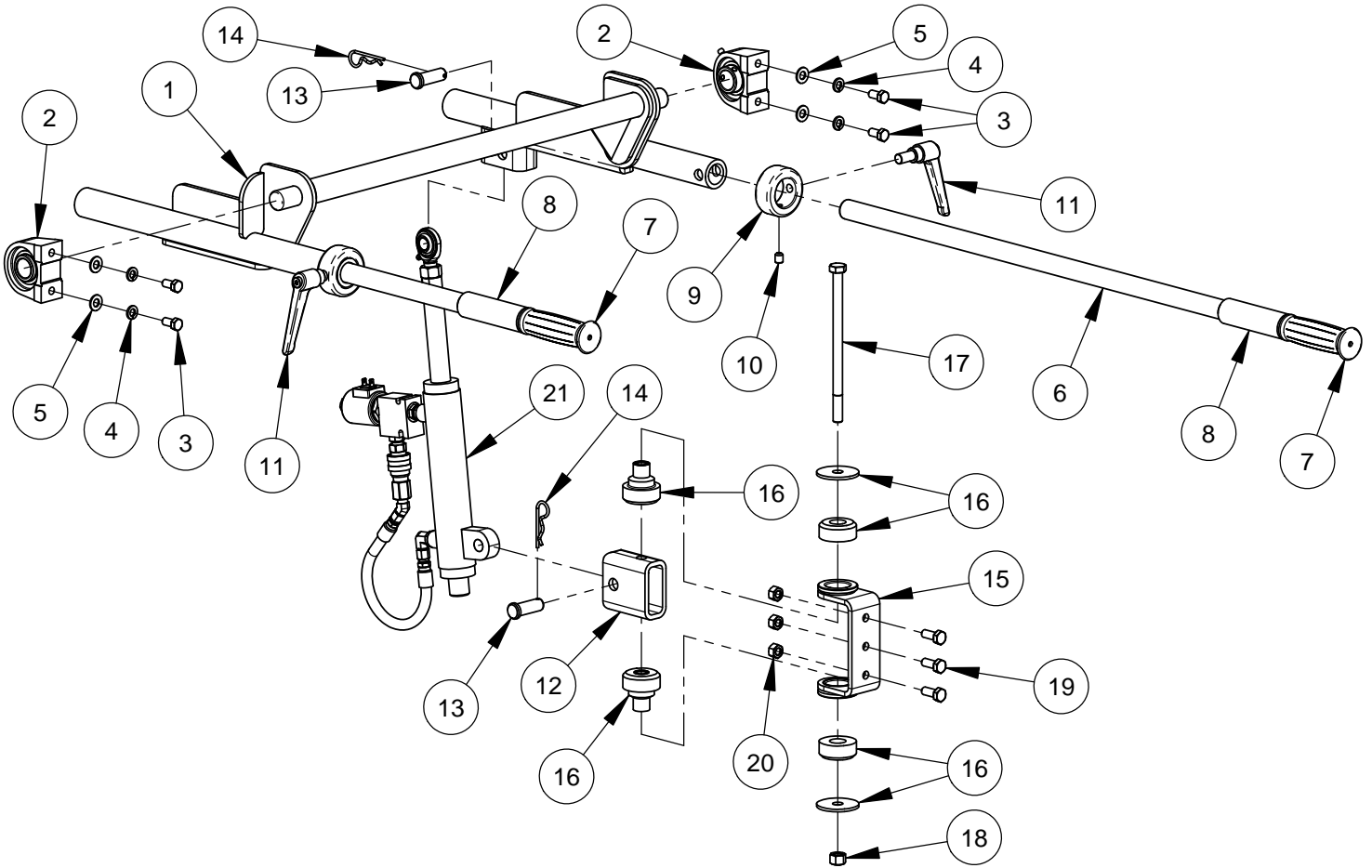
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	2501280	10989524	1	Control Grip Body
2	2501281	10989525	1	Control Grip Cover
3	2500644	10986093	1	Plug, Rectangular
4	2500694	10986094	1	Plug, 5/8" Hole
5	2800373	10985951	3	Pushbutton Switch (B&W)
6	2900453	10989710	1	Set Screw, Soc. Hd., M5-0.8 x 12mm
7	2900452	10989709	1	Machine Screw, Oval Hd., #4 x 5/8"
8	6017025	10989862	1	Speed Control Tube
9	6017274	10989989	1	Control Grip Harness

Filler Neck Assembly #6017242 (SAP# 10989978)



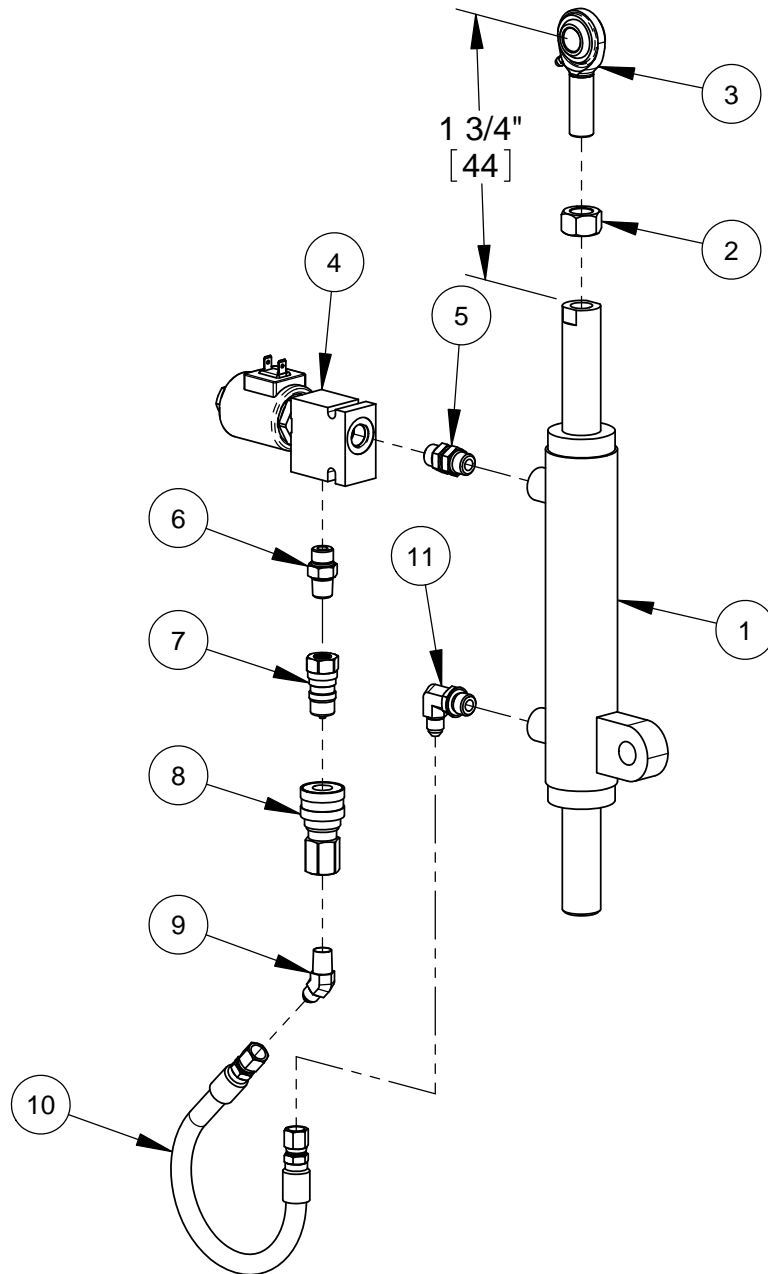
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017140	10989911	1	Filler Neck Spacer
2	6017283	10989998	1	Radiator In-Line Filler Neck
3	2502381	10989549	1	Radiator Cap
4	2900379	10989702	2	U-Bolt, 1" Pipe
5	2900024	966284	4	Lock Washer, 1/4" Split
6	2900125	10989678	4	Hex Nut, 1/4-20
7	3200187	10989781	2	Fitting, 1/8" M. Pipe to 3/16" Hose Barb
8	6017277	10989992	1	Hose, 3/16" I.D. x 17"
9	3200062	966437	2	Hose Clamp #4
10	3202142	10989826	4	Hose Clamp #24
11	3201977	10989821	1	Coolant Hose, 1-1/2"
12	3202001	10989824	1	Coolant Hose, 1-1/2"
13	6017393	10993521	1	Hose Cover
14	2900021	966282	2	Tap Screw, Pan Hd., #10-24 x 3/8"

Handle Bar Assembly #6017404 (SAP# 10993531)



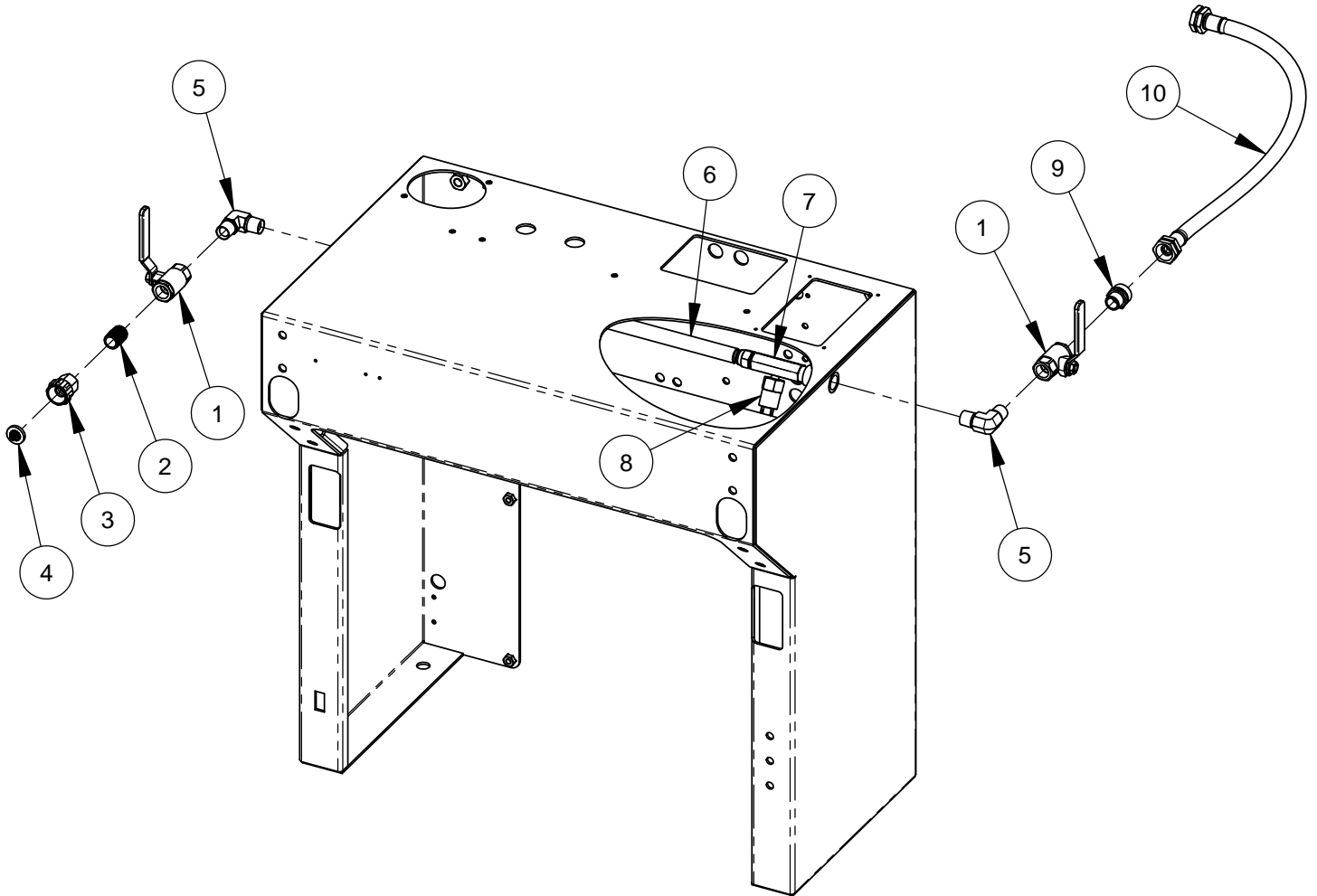
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017026	10989863	1	Handle Holder Frame
2	2500732	965280	2	Pillow Block Bearing 1"
3	2900196	10989685	4	Cap Screw, Hex Hd., 3/8-16 x 3/4"
4	2900006	966267	4	Lock Washer, 3/8" Split
5	2900014	966275	4	Flat Washer, 3/8" SAE
6	6010014	965692	2	Handle Bar, 36" Long
7	2500636	966207	2	Handle Grip
8	2501955	10985964	2	Handle Stop Grip
9	6017377	10993509	2	Lock Collar
10	2901341	10993337	2	Set Screw, Soc. Hd., M10-1.5 x 12mm
11	2502390	10989555	2	Adjustable Lever 1/2-13 x 1"
12	6017301	10990012	1	Isolator Mount Tube
13	2900828	10989739	2	Clevis Pin, 5/8" x 1-3/4"
14	2900829	10989740	2	Hairpin Cotter, 1/8" x 5/8" to 7/8"
15	6017302	10990013	1	Isolator Mount Bracket
16	2503789	10989597	2	Vibration Isolator
17	2901342	10993338	1	Cap Screw, Hex Hd., M12-1.75 x 200mm
18	2900327	966396	1	Lock Nut, M12-1.75 Nylon Insert
19	2900333	966402	3	Cap Screw, Hex Hd., M10-1.5 x 25mm
20	2900304	966375	3	Lock Nut, M10-1.5 Nylon Insert
21	6017243	10989979	1	Double Rod Cylinder Assembly

Double Rod Cylinder Assembly #6017243 (SAP# 10989979)



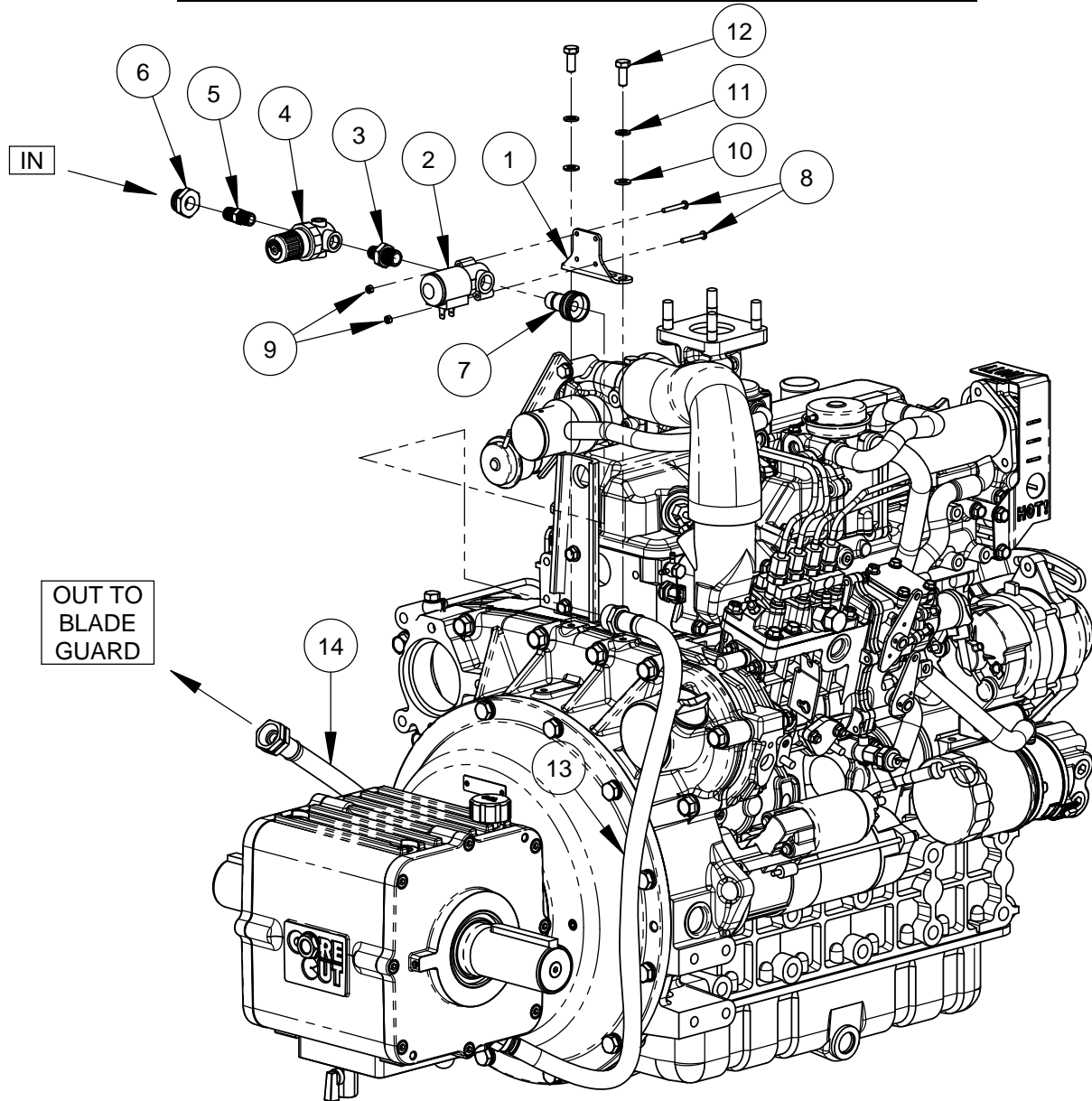
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2503725	10989569	1	Cylinder, Double Rod
2	2900255	10989691	1	Hex Nut, 5/8-18
3	2503732	10989576	1	Rod End, 5/8-18 Male
4	3201660	10989799	1	Valve, Solenoid Blocking
5	3201661	10990113	1	Union, 3/8" to 3/8" O-Ring
6	3201662	10989801	1	Adapter, 3/8" O-Ring to 1/4" M. Pipe
7	3200381	10989785	1	Nipple, 1/4" Q.D.
8	3200382	10989786	1	Coupler, 1/4" Q.D.
9	3201663	10989802	1	Elbow, 1/4" M. Pipe to 1/4" M. JIC (45 deg)
10	6017196	10989961	1	Hose Assembly 1/4" x 14"
11	3200551	10989791	1	Elbow, 3/8" O-Ring to 1/4" M. JIC

Water Supply Assembly #6017265 (SAP# 10989984)



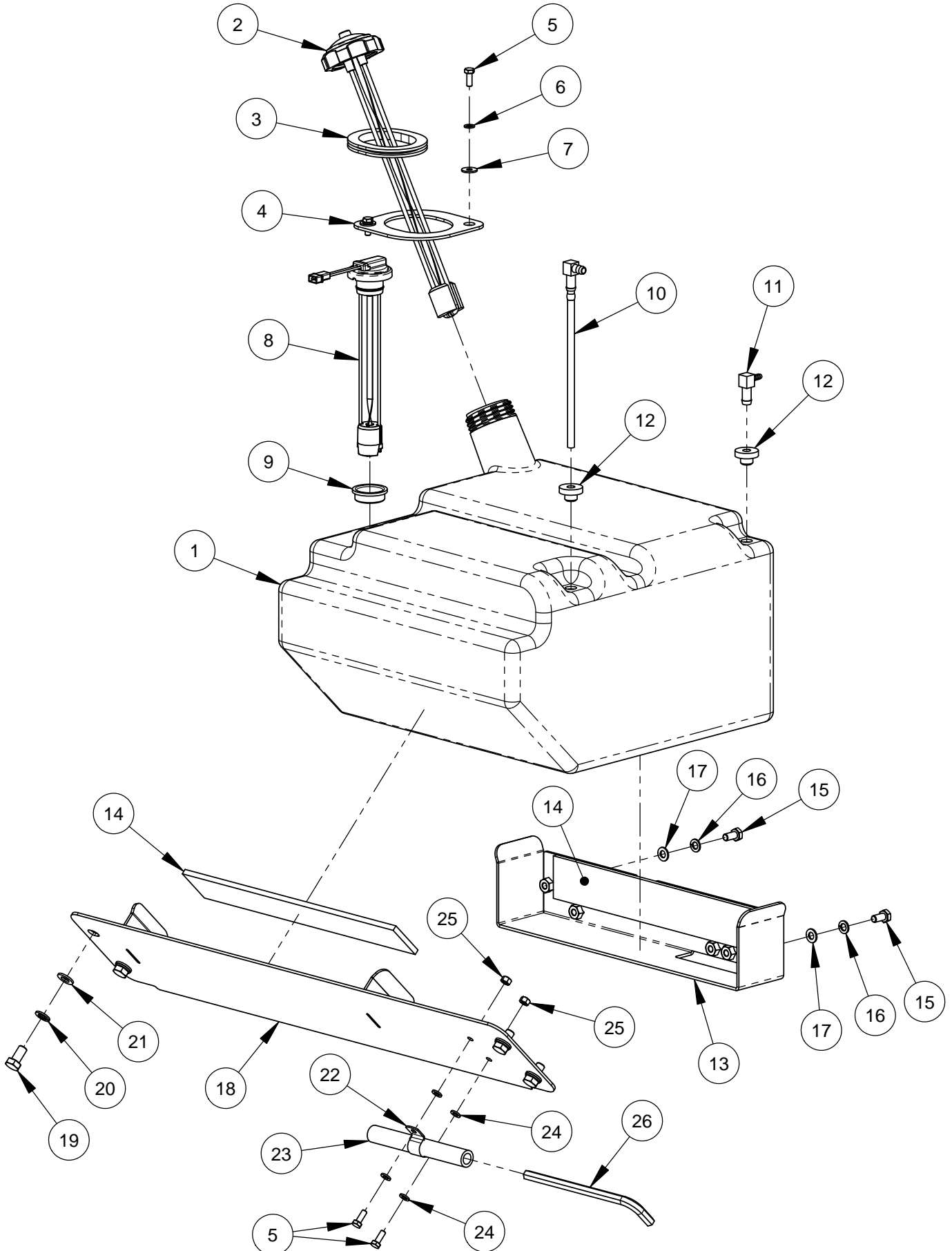
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	3200027	966426	2	Water Valve
2	3200008	966417	1	Close Nipple, 1/2" NPT
3	3200022	966422	1	Fitting, 1/2" F. Pipe to 3/4" F. Garden
4	3200025	966424	1	Hose Filter Washer
5	3200166	966456	2	Elbow, 1/2" Male Pipe
6	6017239	10989975	1	Water Hose Assembly 23"
7	6017240	10989976	1	Adapter, 1/2" JIC to 1/2" Pipe
8	2800060	966250	1	Water Pressure Safety Switch
9	3200155	966453	1	Fitting, 1/2" M. Pipe to 3/4" M. Garden
10	6040110	10990072	1	Water Hose Assembly 60"

Water Valve Assembly #6017266 (SAP# 10989985)



ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017235	10989971	1	Valve Bracket
2	3200775	10989793	1	Water Solenoid Valve
3	3200296	10993382	1	Adapter, 3/8" M. Pipe to 1/4" M. Pipe
4	6017454	10993574	1	Pressure Regulator (40 PSI)
5	3200060	966436	1	Hex Nipple, 1/4" NPT
6	3200023	966423	1	Fitting, 3/4" M. Garden to 1/4" F. Pipe
7	3202081	10993390	1	Fitting, 3/4" F. Garden to 3/8" M. Pipe
8	2901343	10993339	2	Machine Screw, Pan Hd., M4-0.7 x 30mm
9	2900457	10993296	2	Lock Nut, M4-0.7 Nylon Insert
10	2901336	10993335	2	Flat Washer, M8
11	2900763	10993320	2	Lock Washer, M8 Split
12	2900329	966398	2	Cap Screw, Hex Hd., M8-1.25 x 20mm
13	6017236	10989972	1	Water Hose Assembly 32"
14	6017446	10993567	1	Water Hose Assembly 72"

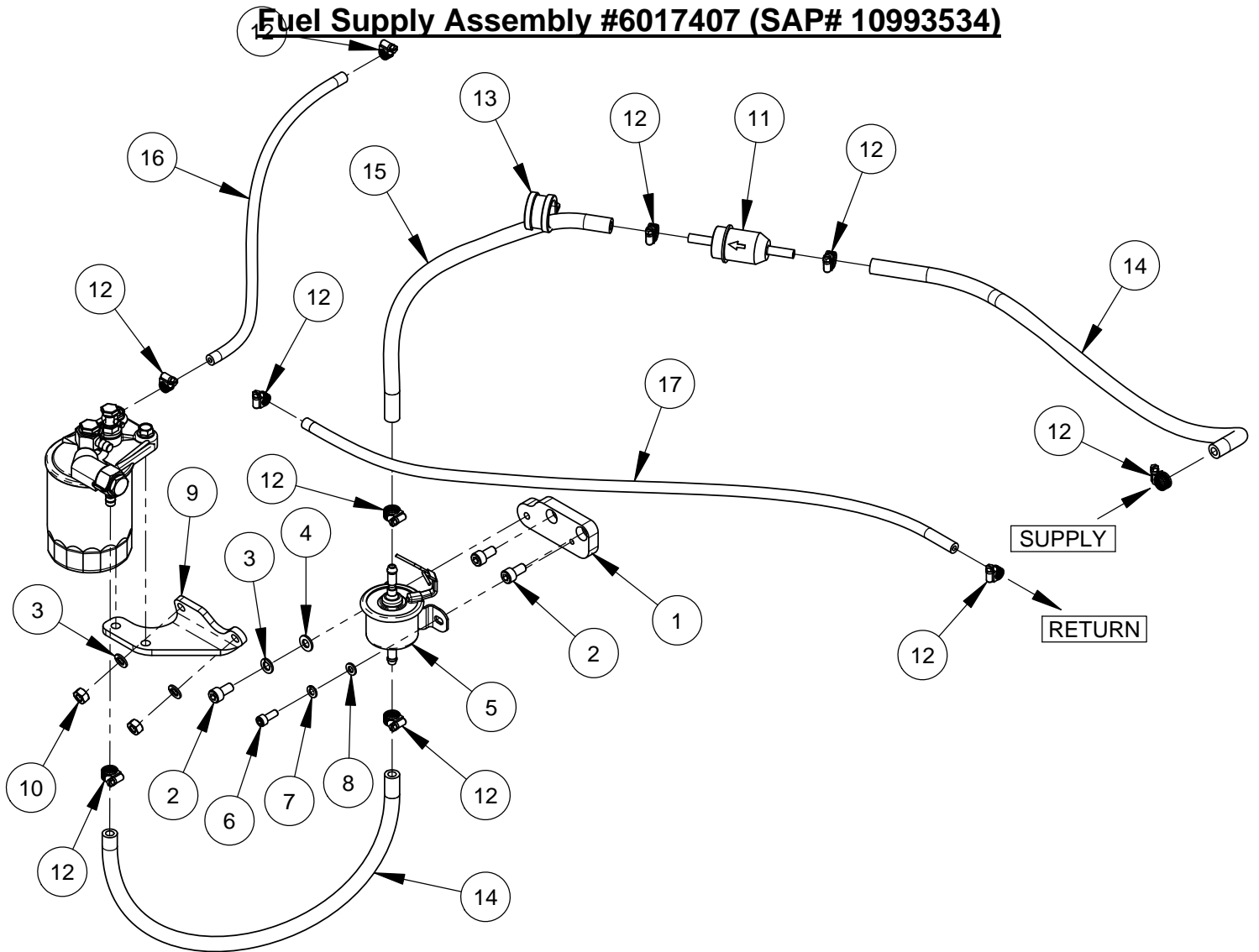
Fuel Tank Assembly #6017405



Fuel Tank Assembly #6017405 (SAP# 10993532)

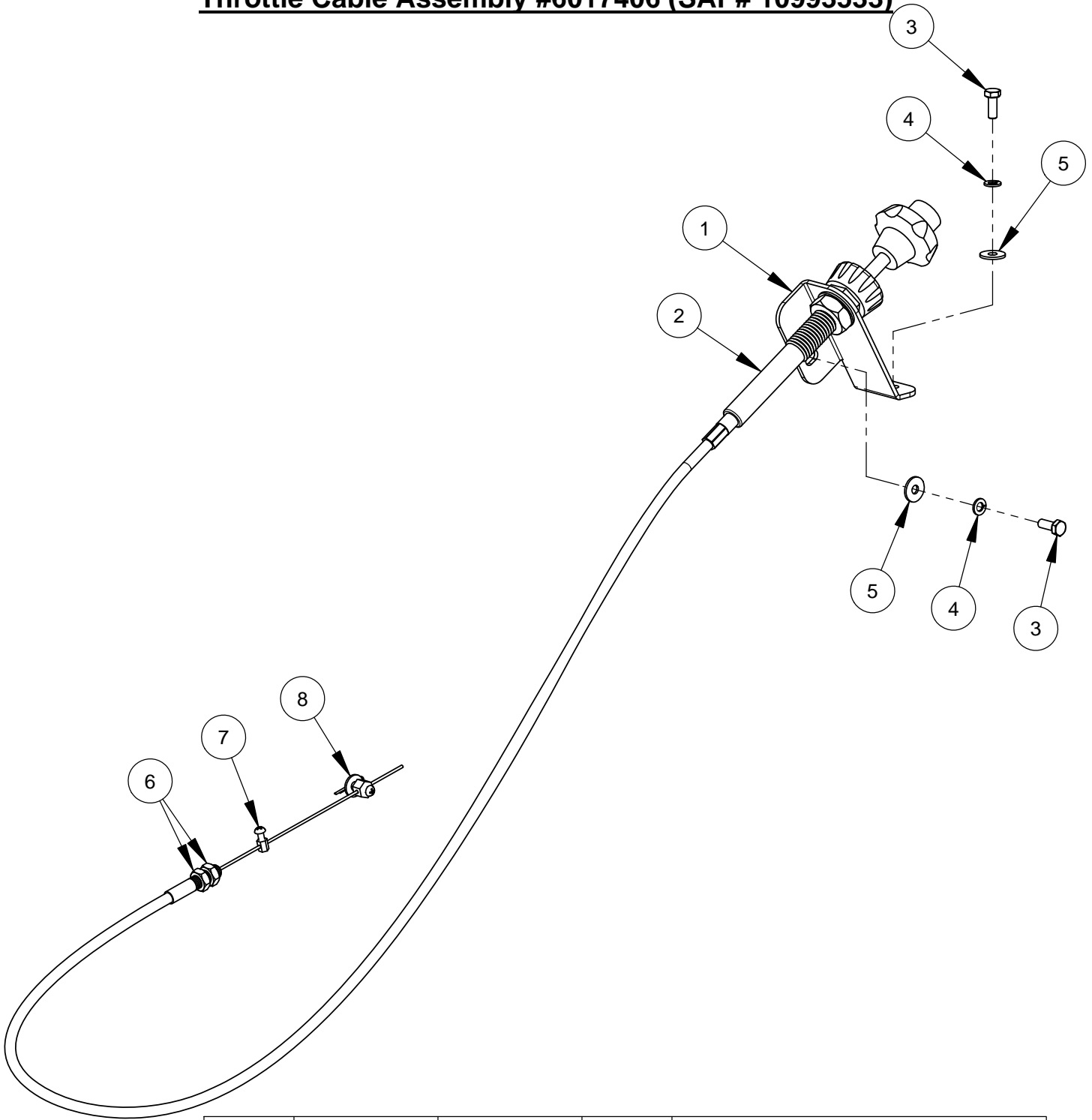
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017441	10993563	1	Fuel Tank
2	2504786	10993239	1	Fuel Tank Cap & Gauge
3	2503706	10989560	1	Fuel Tank Grommet
4	6017043	10989877	1	Filler Flange Plate
5	2900341	10990112	4	Cap Screw, Hex Hd., M6-1.0 x 16mm
6	2900765	10993321	2	Lock Washer, M6 Split
7	2901359	10993353	2	Fender Washer, M6
8	2503962	10993225	1	Fuel Level Sender
9	2503963	10993226	1	Grommet, Fuel Sender
10	2503708	10989561	1	Tank Elbow w/Pick-Up Tube
11	2503709	10989562	1	Tank Elbow, 3/16" Barb
12	2501215	10989519	2	Bushing, Rubber, Tank
13	6017385	10993517	1	Tank Tray
14	6017015	10989856	2	Fuel Tank Pad 13-1/2"
15	2900868	10993327	2	Cap Screw, Hex Hd., M8-1.25 x 16mm
16	2900763	10993320	2	Lock Washer, M8 Split
17	2901336	10993335	2	Flat Washer, M8
18	6017042	10989876	1	Access Panel
19	2900314	966384	4	Cap Screw, Hex Hd., M10-1.5 x 20mm
20	2900321	966391	4	Lock Washer, M10 Split
21	2901356	10993350	4	Flat Washer, M10
22	3201887	10989810	1	Hose Clamp
23	6017238	10989974	1	Hose, 1/2" I.D. x 6"
24	2901494	10993370	4	Flat Washer, M6
25	2900302	966373	2	Lock Nut, M6-1.0 Nylon Insert
26	2501923	10986175	1	L-Key, 3/8" Hex

Fuel Supply Assembly #6017407 (SAP# 10993534)



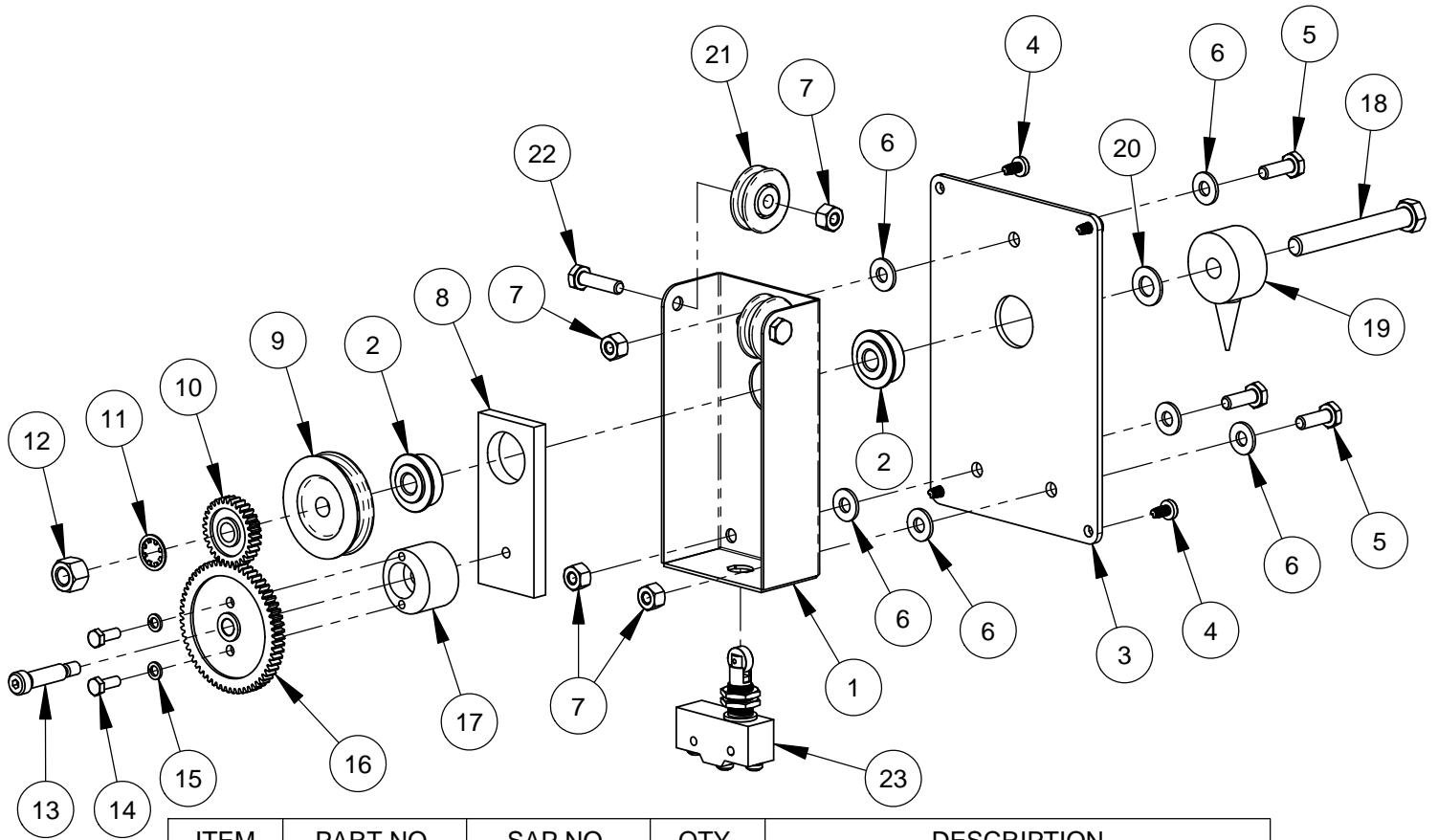
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017146	10989916	1	Fuel Pump Mount Bar
2	2900267	10989695	3	Cap Screw, Soc. Hd., M8-1.25 x 16mm
3	2900763	10993320	3	Lock Washer, M8 Split
4	2901336	10993335	1	Flat Washer, M8
5	2705005	10989638	1	Electric Fuel Pump
6	2900553	10989717	1	Cap Screw, Soc. Hd., M6-1.0 x 16mm
7	2900765	10993321	1	Lock Washer, M6 Split
8	2901494	10993370	1	Flat Washer, M6
9	6017357	10993495	1	Fuel Filter Mount Bracket
10	2900343	10989701	2	Hex Nut, M8-1.25
11	2501785	10984871	1	Filter, Diesel Fuel
12	3200062	966437	10	Hose Clamp #4
13	3201729	10989809	1	Hose Clamp, 1" x 3/4" Wide
14	6017044	10989878	2	Fuel Supply Hose, 5/16" I.D. x 20"
15	6017297	10990009	1	Fuel Hose, 5/16" I.D. x 14"
16	6017277	10989992	1	Hose, 3/16" I.D. x 17"
17	6017045	10989879	1	Fuel Return Hose, 3/16" I.D. x 30"

Throttle Cable Assembly #6017406 (SAP# 10993533)



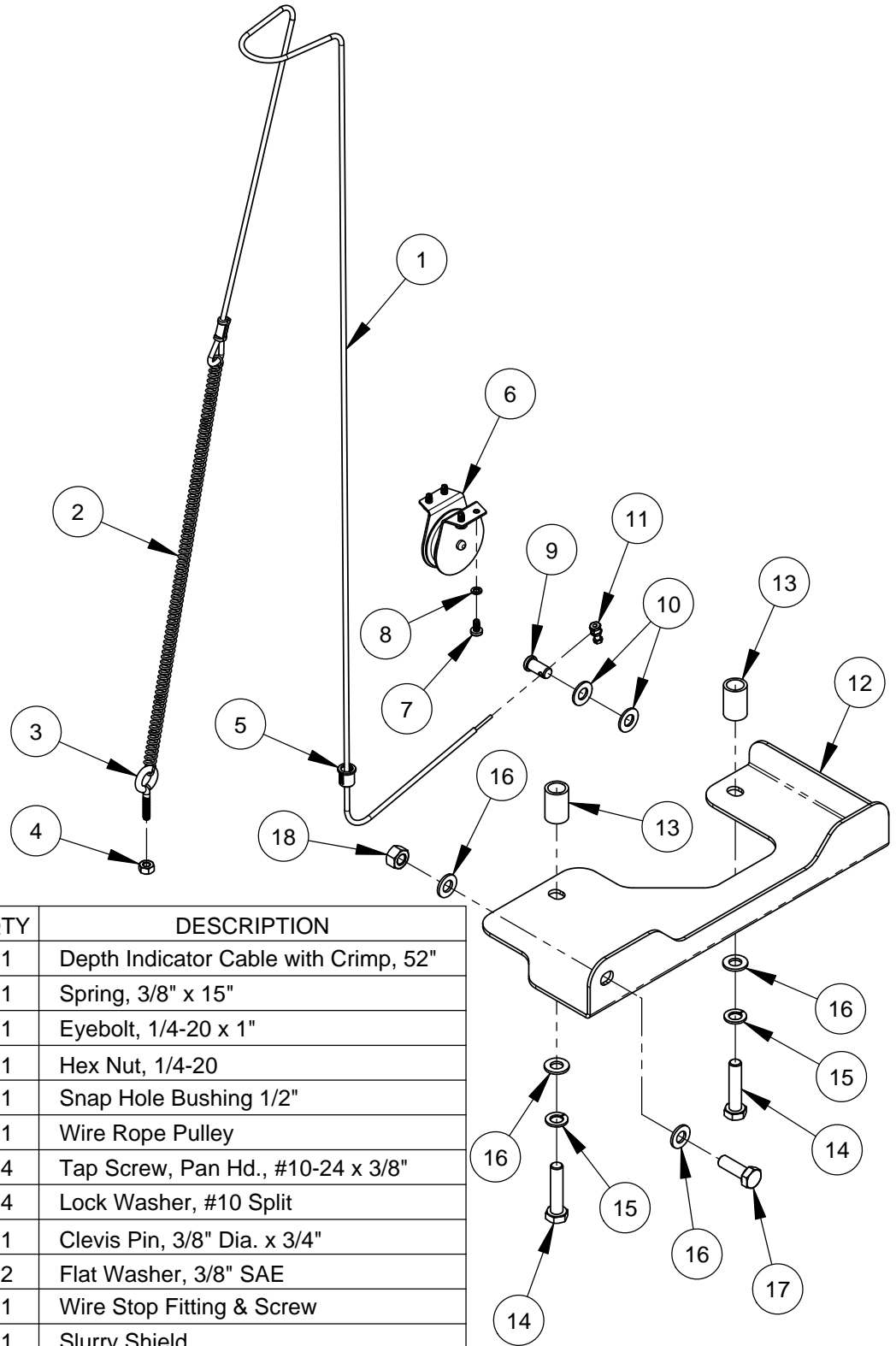
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017132	10989903	1	Throttle Bracket
2	2503782	10989593	1	Vernier Throttle Cable
3	2900341	10990112	2	Cap Screw, Hex Hd., M6-1.0 x 16mm
4	2900765	10993321	2	Lock Washer, M6 Split
5	2901359	10993353	2	Fender Washer, M6
6	2900696	10989725	2	Jam Nut, 3/8-24
7	2503847	10993208	1	Wire Stop and Screw
8	2502180	10989536	1	Wire Stop Pivot Assembly

Depth Indicator Assembly #6017060 (SAP# 10989884)



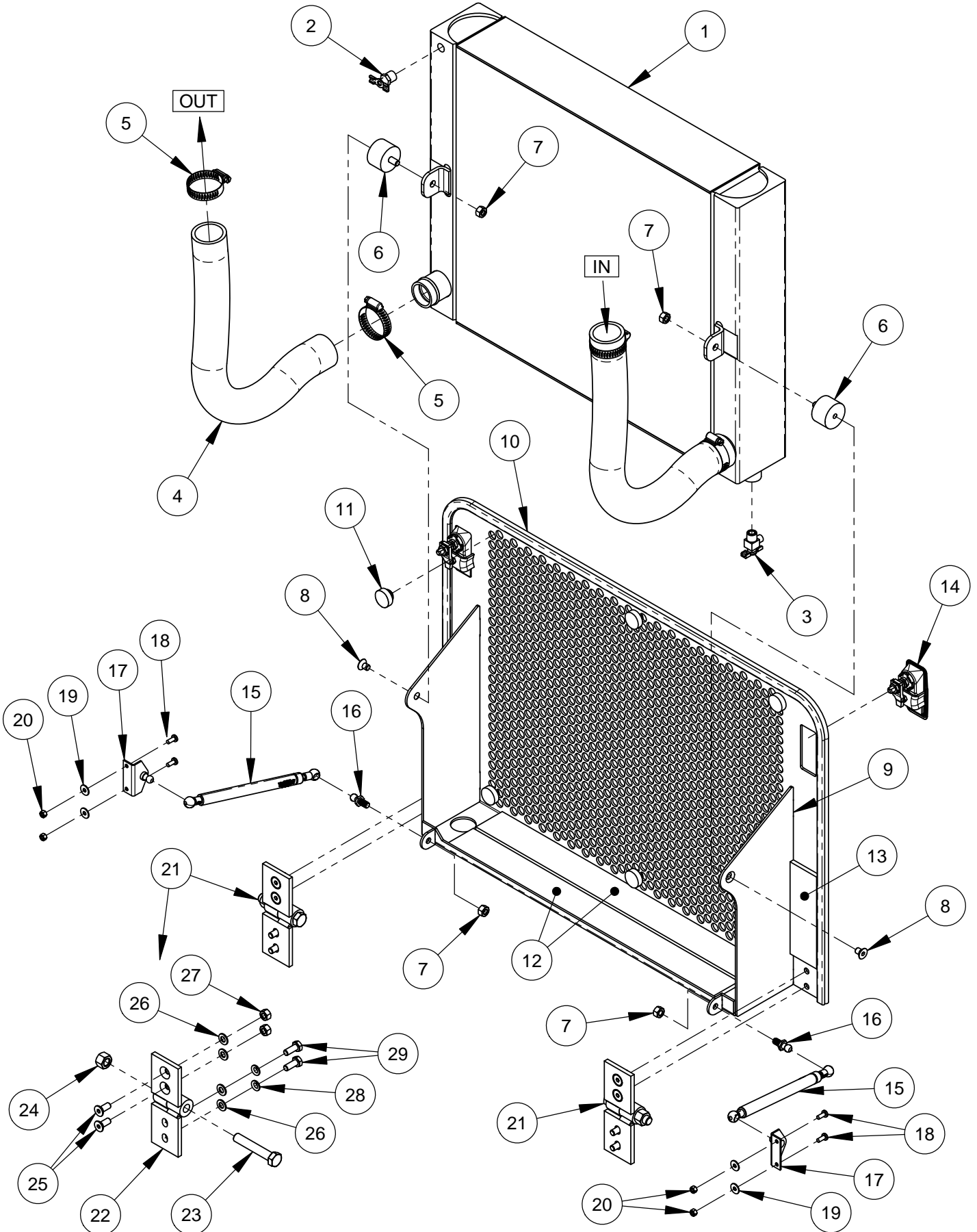
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017031	10989865	1	Depth Indicator Bracket
2	2500145	966142	2	Flange Bearing, 3/8"
3	6017032	10989866	1	Depth Indicator Panel
4	2900021	966282	4	Tap Screw, Pan Hd., #10-24 x 3/8"
5	2900144	966338	3	Cap Screw, Hex Hd., 1/4-20 x 3/4"
6	2900009	966270	6	Flat Washer, 1/4" SAE
7	2900010	966271	5	Lock Nut, 1/4-20 Nylon
8	6017033	10989867	1	Gear Set Plate
9	6017147	10989917	1	Cable Pulley
10	6017034	10989868	1	Gear, 30 Tooth
11	2900254	10993288	1	Lock Washer, 3/8" Internal Tooth
12	2900018	966279	1	Lock Nut, 3/8-16 Nylon
13	2900855	10989743	1	Shoulder Screw, 5/16" x 1" (1/4-20)
14	2900448	10989707	2	Machine Screw, Hex Hd., #10-32 x 1/2"
15	2900038	966295	2	Lock Washer, #10 Split
16	6017035	10989869	1	Gear, 60 Tooth
17	6017036	10989870	1	Cam
18	2900035	966292	1	Cap Screw, Hex Hd., 3/8-16 x 3"
19	6010091	966528	1	Depth Indicator Pointer
20	2901383	10993368	1	Friction Washer, 3/8"
21	2500155	966150	2	Cable Pulley, 1-1/4"
22	2900008	966269	2	Cap Screw, Hex Hd., 1/4-20 x 1"
23	2800609	10989654	1	Limit Switch, Roller Plunger

Depth Indicator Cable Assembly #6017408A (SAP# N/A)



ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017149	10989918	1	Depth Indicator Cable with Crimp, 52"
2	2500196	966159	1	Spring, 3/8" x 15"
3	2900548	10989716	1	Eyebolt, 1/4-20 x 1"
4	2900125	10989678	1	Hex Nut, 1/4-20
5	2503731	10989575	1	Snap Hole Bushing 1/2"
6	2503724	10989568	1	Wire Rope Pulley
7	2900021	966282	4	Tap Screw, Pan Hd., #10-24 x 3/8"
8	2900038	966295	4	Lock Washer, #10 Split
9	2900261	10989693	1	Clevis Pin, 3/8" Dia. x 3/4"
10	2900014	966275	2	Flat Washer, 3/8" SAE
11	2501189	10989517	1	Wire Stop Fitting & Screw
12	6017233	10989970	1	Slurry Shield
13	6048127	966736	2	Spacer Tube, 1-1/8" Long
14	2900317	966387	2	Cap Screw, Hex Hd., M10-1.5 x 45mm
15	2900321	966391	2	Lock Washer, M10 Split
16	2901356	10993350	4	Flat Washer, M10
17	2900223	966356	1	Cap Screw, Hex Hd., M10-1.5 x 30mm
18	2900304	966375	1	Lock Nut, M10-1.5 Nylon Insert

Radiator Assembly #6017410

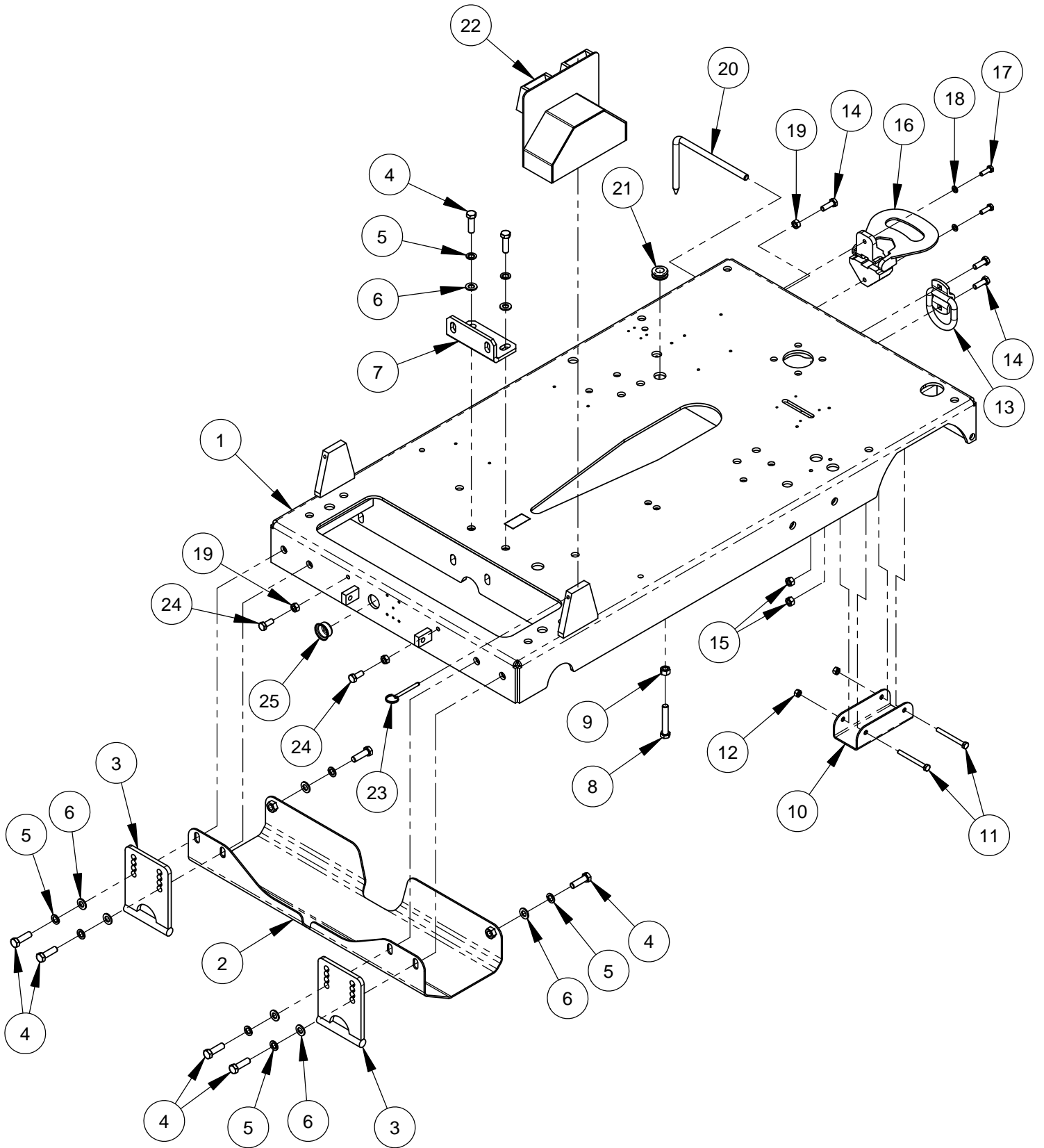


Radiator Assembly #6017410 (SAP# 10993537)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2502190	10989542	1	Radiator
2	3200035	969769	1	Petcock, 1/4 NPT
3	3202143	10989827	1	Drain Valve, 1/4" NPT
4	3202141	10989825	2	Radiator Hose, 1-1/2" x 22"
5	3202142	10989826	4	Hose Clamp #24
6	2503886	10993216	2	Vibration Isolator, M8-1.25
7	2900303	966374	4	Lock Nut, M8-1.25 Nylon Insert
8	2901344	10993340	2	Cap Screw, Flat Hd., M8-1.25 x 12mm
9	6017012	10989853	1	Radiator Door
10	6017013	10989854	1	Edge Trim Seal 65"
11	2502389	10989554	6	Button Bumper
12	6017014	10989855	2	Radiator Pad 20"
13	6017267	10989986	1	Rubber Strip 6"
14	2502196	10989544	2	Latch Assembly
15	2502374	10989546	2	Damper, Extension
16	2503883	10993213	2	Ball Stud 10mm (M8-1.25 Thread)
17	2501144	10989516	2	Mounting Ball L-Bracket
18	2900794	10993324	4	Machine Screw, Pan Hd., M5-0.8 x 12mm
19	2900770	10993323	4	Fender Washer, M5
20	2900301	966372	4	Lock Nut, M5-0.8 Nylon Insert
21	6017411	10993538	2	Hinge Assembly

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
22	6017379	10993511	1	Radiator Door Hinge
23	2901345	10993341	1	Cap Screw, Hex Hd., M12-1.75 x 70mm
24	2900327	966396	1	Lock Nut, M12-1.75 Nylon Insert
25	2900611	10993308	2	Cap Screw, Flat Hd., M8-1.25 x 20mm
26	2901336	10993335	4	Flat Washer, M8
27	2900303	966374	2	Lock Nut, M8-1.25 Nylon Insert
28	2900763	10993320	2	Lock Washer, M8 Split
29	2900329	966398	2	Cap Screw, Hex Hd., M8-1.25 x 20mm

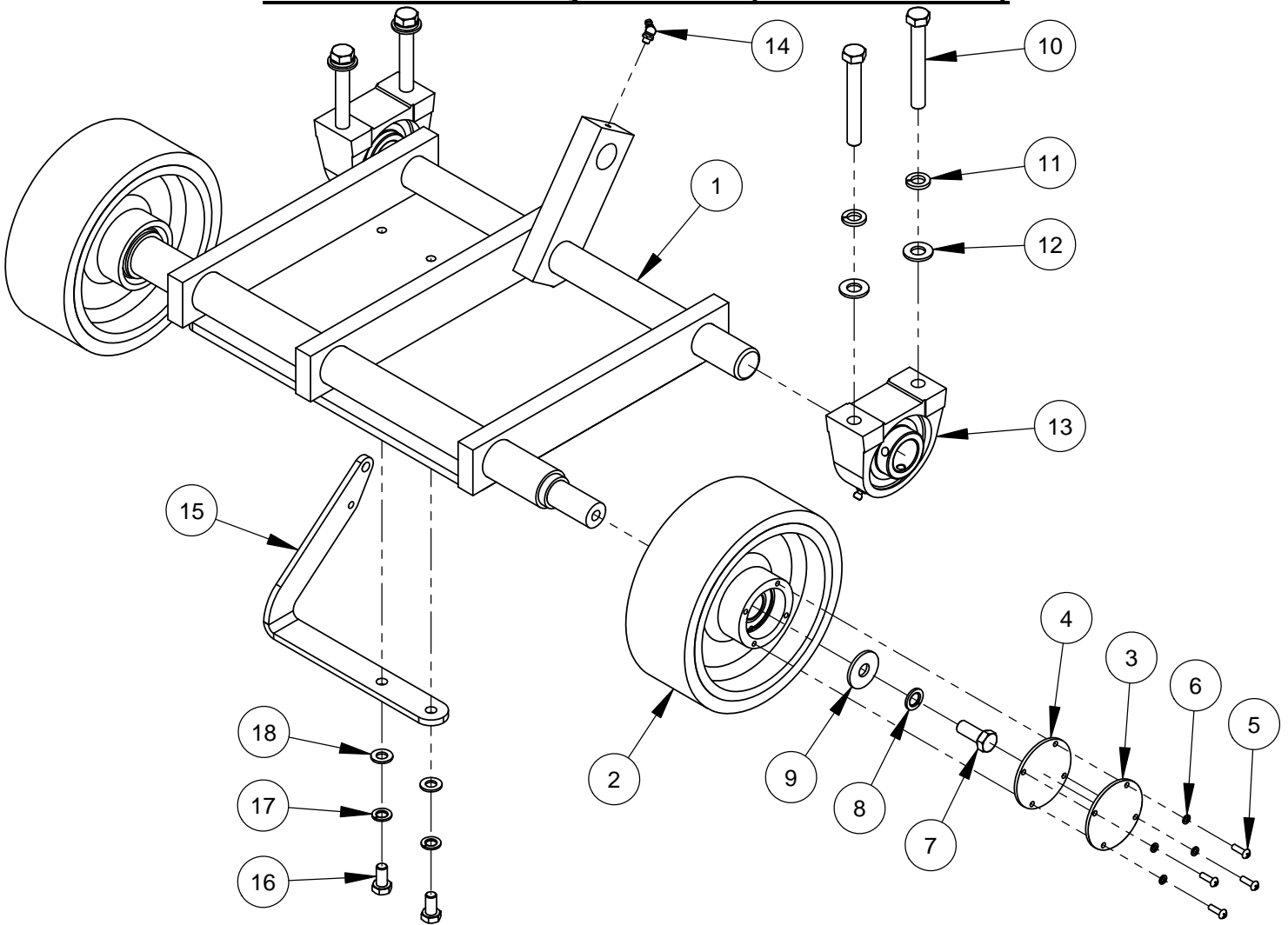
Frame Base Assembly #6017412



Frame Base Assembly #6017412 (SAP# 10993539)

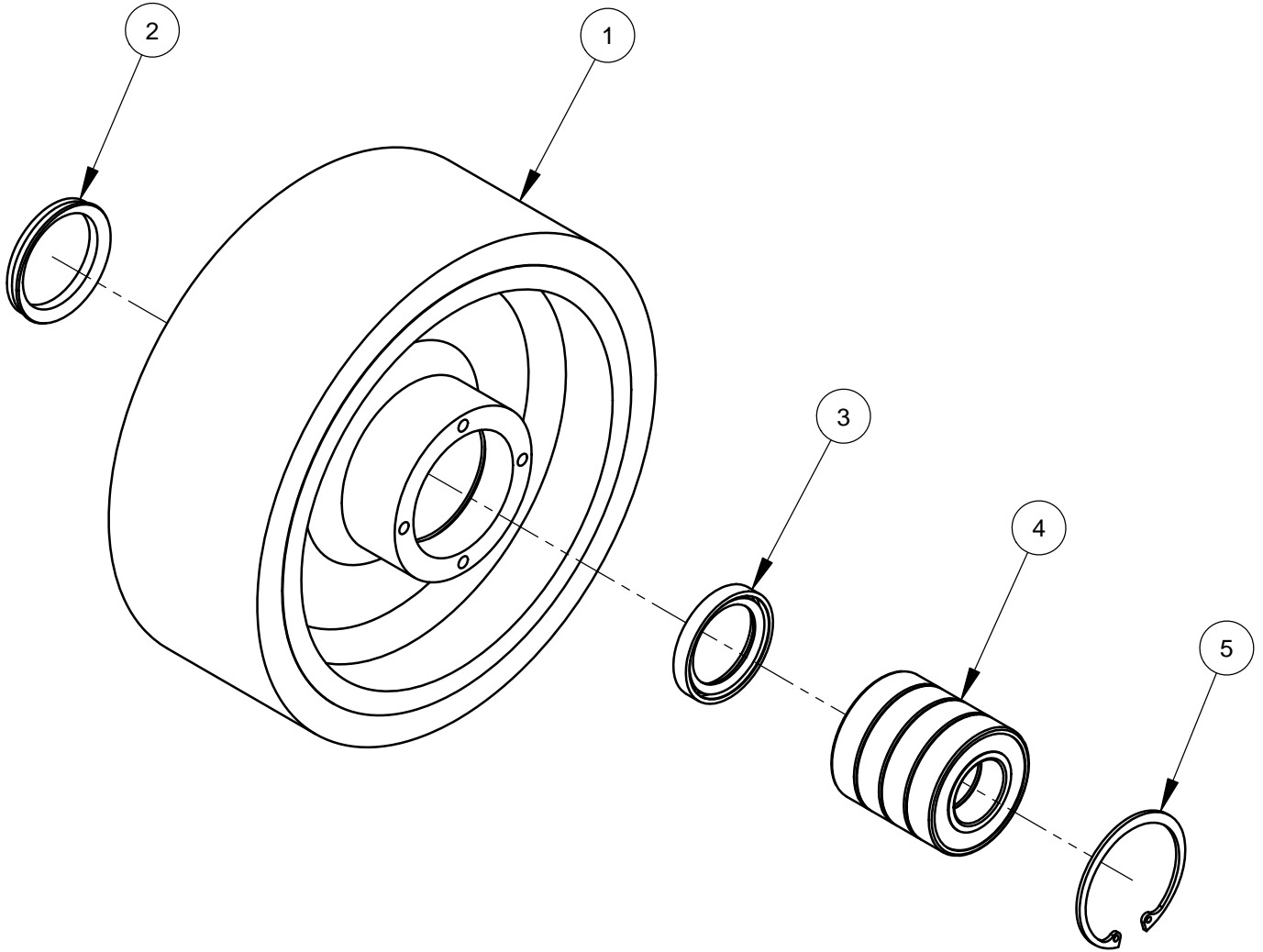
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017360	10993496	1	Frame Base Weldment
2	6017375	10993507	1	Skid Guard
3	6017157	10989924	2	Skid Plate
4	2900331	966400	8	Cap Screw, Hex Hd., M12-1.75 x 40mm
5	2900699	10989726	8	Lock Washer, M12 Split
6	2901357	10993351	8	Flat Washer, M12
7	6018124	10990068	1	Transmission Mounting Bracket
8	2901347	10993342	2	Tap Bolt, Hex Hd., M12-1.75 x 70mm
9	2900482	10993301	2	Hex Nut, M12-1.75
10	6017323	10993492	2	Rail Shoe
11	2901141	10993333	4	Cap Screw, Hex Hd., M8-1.25 x 80mm
12	2900303	966374	4	Lock Nut, M8-1.25 Nylon Insert
13	2504368	10989621	1	Tie Down
14	2900223	966356	3	Cap Screw, Hex Hd., M10-1.5 x 30mm
15	2900304	966375	2	Lock Nut, M10-1.5 Nylon Insert
16	2503798	10989603	1	Foot Rest, Folding
17	2900360	10993291	2	Cap Screw, Hex Hd., M8-1.25 x 25mm
18	2900763	10993320	2	Lock Washer, M8 Split
19	2900325	966394	3	Hex Nut, M10-1.5
20	6010683	10989843	1	Rear Pointer Rod
21	2503742	10989581	1	Grommet, 11/16" I.D.
22	6010645	10989842	1	Shaft/Flange Guard (Wide)
23	2900156	966346	1	Lock Pin with Ring
24	2900333	966402	2	Cap Screw, Hex Hd., M10-1.5 x 25mm
25	2503791	10989598	1	Plug, 1-1/4" Hole

Front Axle Assembly #6017413 (SAP# 10993540)



ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017382	10993514	1	Front Axle Weldment
2	6010581	10983390	2	Wheel Assembly, 8" Front
3	6010536	10989035	2	Wheel Cover
4	2501393	10989034	2	Wheel Cover Gasket
5	2900159	10989036	8	Machine Screw, Rd. Hd., #10-24 x 5/8"
6	2900038	966295	8	Lock Washer, #10 Split
7	2900330	966399	2	Cap Screw, Hex Hd., M12-1.75 x 30mm
8	2900699	10989726	2	Lock Washer, M12 Split
9	2901339	10993336	2	Fender Washer, M12
10	2900400	10989705	4	Cap Screw, Hex Hd., 1/2-13 x 3-3/4"
11	2900084	966321	4	Lock Washer, 1/2" Split
12	2900058	966308	4	Flat Washer, 1/2" SAE
13	2500158	977418	2	Pillow Block Bearing 1-1/4"
14	2900184	966349	1	Grease Fitting, 1/4" NPT x 45 degree
15	6017144	10989914	1	Front Axle Arm
16	2900314	966384	2	Cap Screw, Hex Hd., M10-1.5 x 20mm
17	2900321	966391	2	Lock Washer, M10 Split
18	2901356	10993350	2	Flat Washer, M10

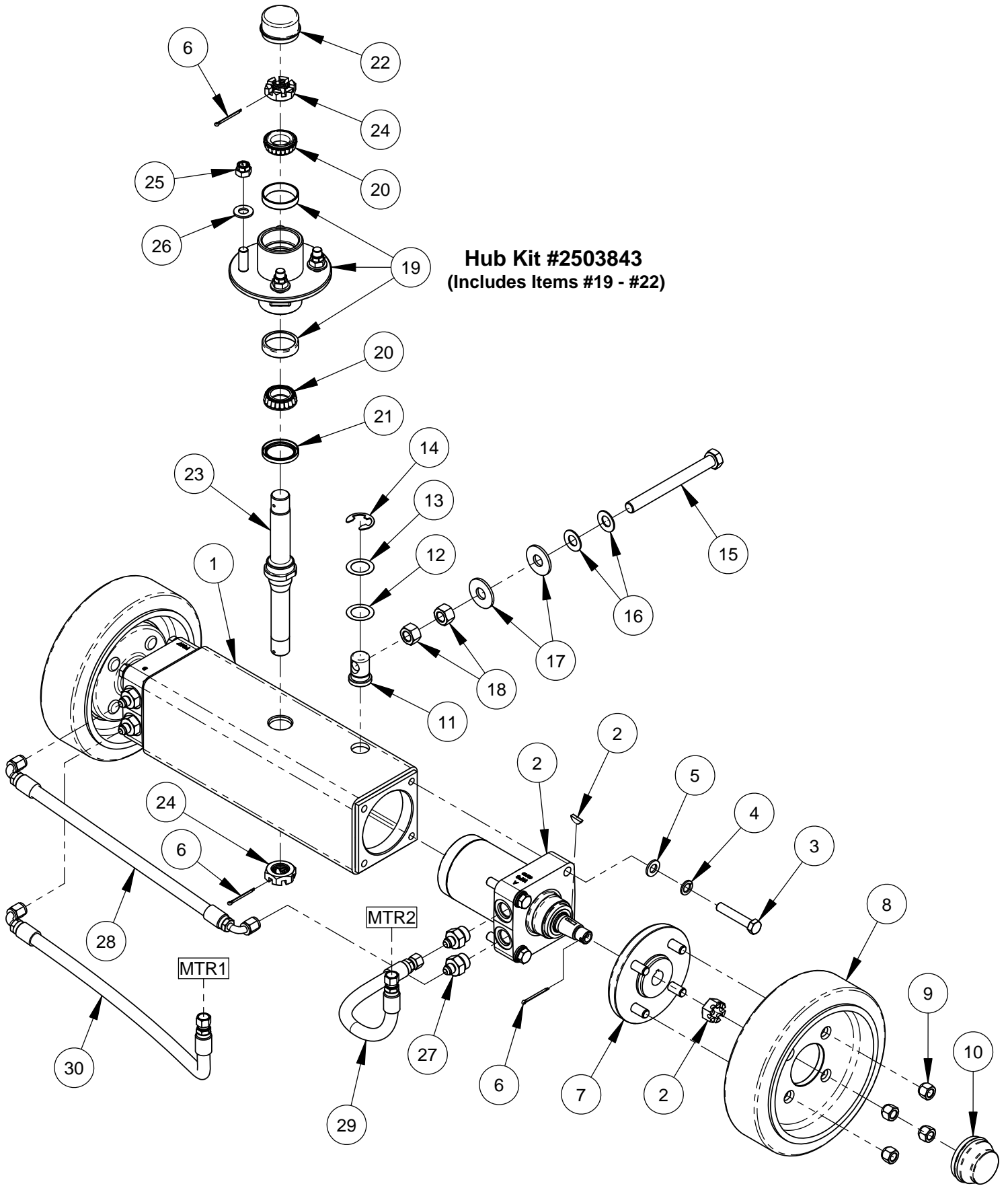
Front Wheel Assembly #6010581 (SAP# 10983390)



ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	2501390	10986381	1	Wheel, 8" Front
2	2501428	10984862	1	Seal, 1-1/2" V-Ring
3	2501391	10984863	1	Seal, 1-1/4" x 1-3/4" x 1/4"
4	2501418	10984864	4	Ball Bearing, 1" x 2" x 1/2"
5	2501392	10989527	1	Retaining Ring, 2" Internal

Rear Axle Assembly #6017414

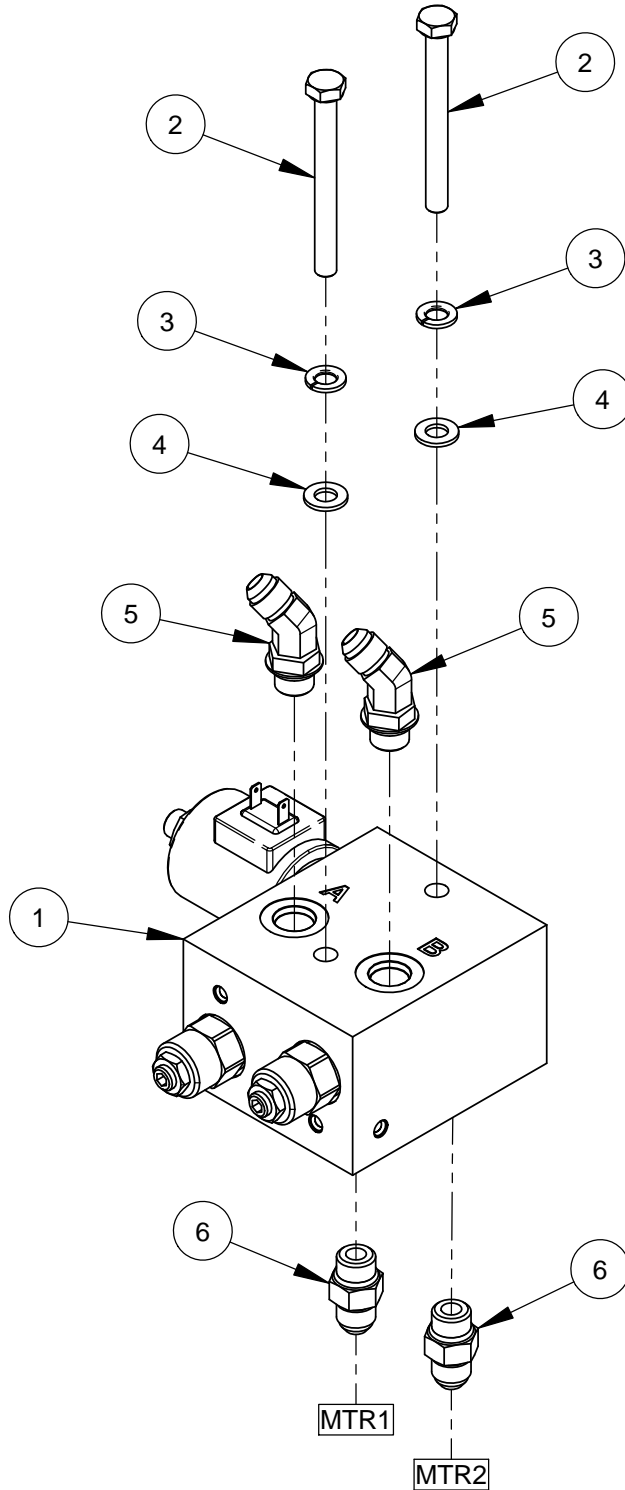
Hub Kit #2503843
(Includes Items #19 - #22)



Rear Axle Assembly #6017414 (SAP# 10993541)

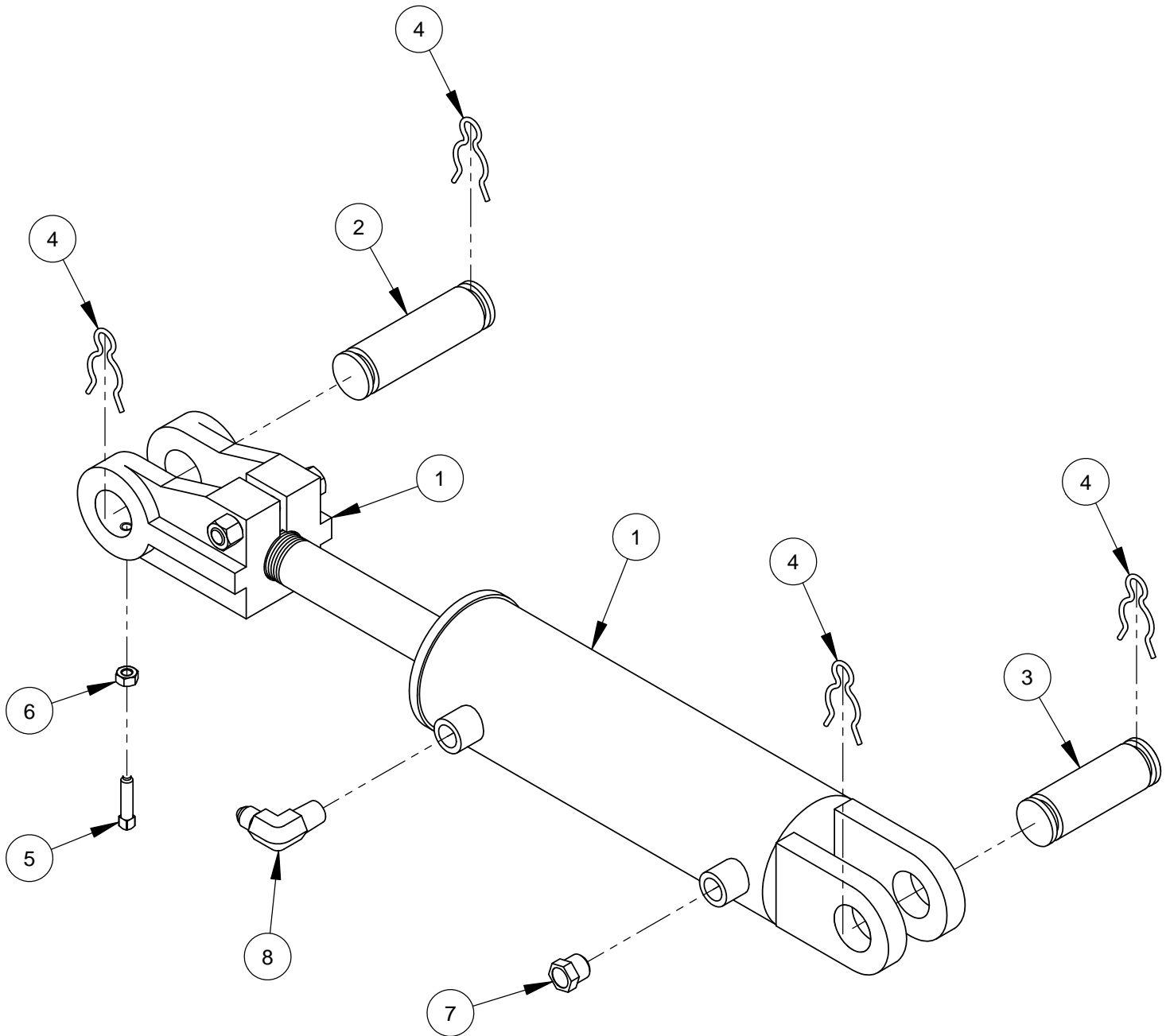
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017383	10993515	1	Motor Mount Tube Weldment
2	2600654	10993241	2	Parker Wheel Motor
	2901327	10993334	1	Woodruff Key #9, 3/16" x 3/4"
	2703207	10993249	1	Hex Slotted Nut, 3/4-16
3	2900359	10993290	8	Cap Screw, Hex Hd., M12-1.75 x 65mm
4	2900699	10989726	8	Lock Washer, M12 Split
5	2901357	10993351	8	Flat Washer, M12
6	2900950	10989766	4	Cotter Pin, 1/8" x 1-1/2"
7	2502175	10989534	2	Wheel Hub
8	2503880	10993211	2	Wheel, 10" Rear
9	2900975	10989769	8	Lug Nut, 1/2-20
10	2502176	10989535	2	Hub Cap
11	6017378	10993510	1	Swivel, M16
12	2900938	10989764	1	Shim .010" Thick
13	2900940	10989765	1	Shim .015" Thick
14	2501224	10989523	1	E-Ring, 1"
15	2901351	10993345	1	Tap Bolt, Hex Hd., M16-2.0 x 160mm
16	2900478	10989712	2	Belleville Washer, 5/8"
17	2900721	10989728	2	Flat Washer, 5/8" USS Hardened
18	2901352	10993346	2	Hex Nut, M16-2.0
19	2503794	10990111	1	Hub with Bearing Cups
	2501222	10989521	2	Tapered Bearing Cup
20	2503766	10993205	2	Tapered Bearing Cone, 1-1/16"
21	2503767	10993206	1	Seal, Double Lip 1-1/2" ID
22	2503795	10989601	1	Grease Cap 2"
23	6017322	10993491	1	Kingpin
24	2707220	10989641	2	Hex Nut, 1"-14 Slotted
25	2900833	10989741	4	Lock Nut, 1/2-20 Flex Top
26	2900058	966308	4	Flat Washer, 1/2" SAE
27	3201724	10989806	4	Adapter, 5/8" O-Ring to 3/8" M. JIC
28	6017020	10989859	1	Hose Assembly, 3/8" x 18-1/4"
29	6017295	10990007	1	Hose Assembly 3/8" x 14"
30	6017296	10990008	1	Hose Assembly 3/8" x 25"

Valve Block Assembly #6017415 (SAP# 10993542)



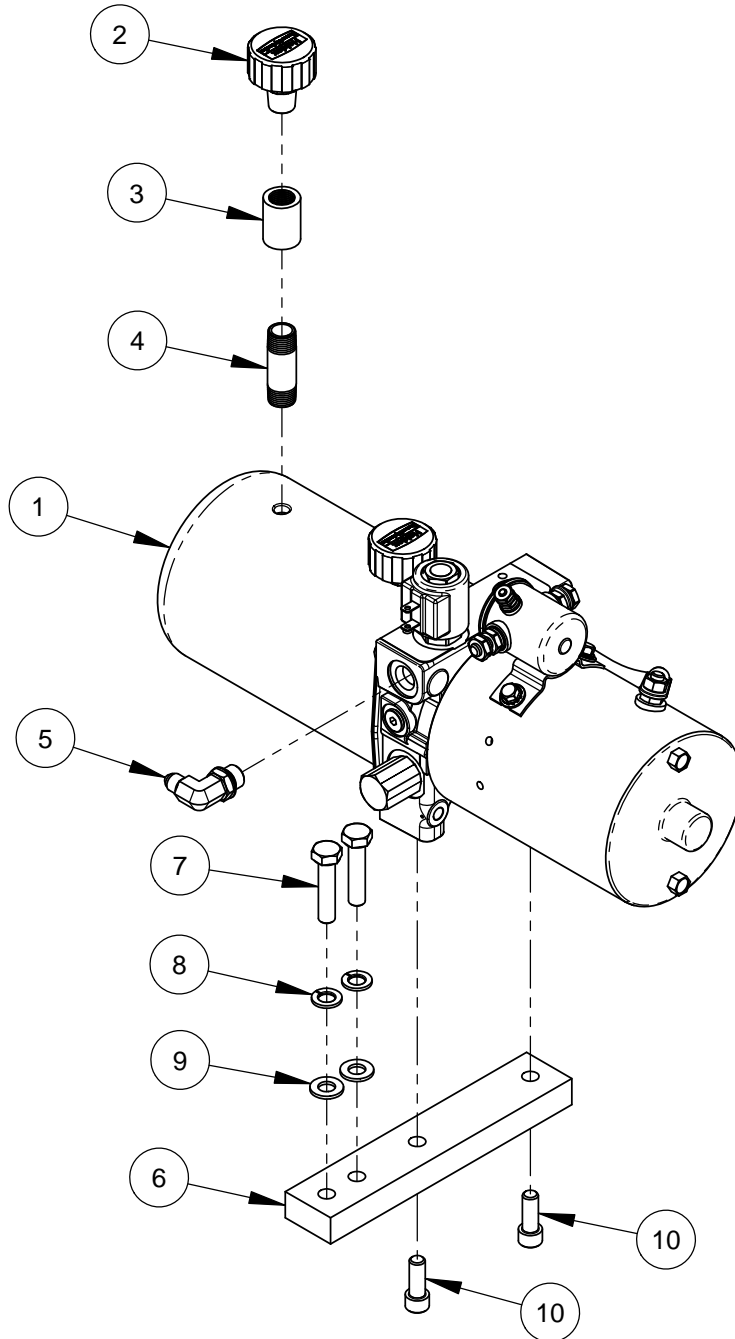
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	3201664	10989803	1	Valve Block Unit
2	2901141	10993333	2	Cap Screw, Hex Hd., M8-1.25 x 80mm
3	2900763	10993320	2	Lock Washer, M8 Split
4	2901336	10993335	2	Flat Washer, M8
5	3201981	10989822	2	Elbow, 3/8" O-Ring to 3/8" M. JIC (45 Deg)
6	3200263	10989783	2	Adapter, 3/8" O-Ring to 3/8" M. JIC

Hydraulic Cylinder Assembly #6017103 (SAP# 10989887)



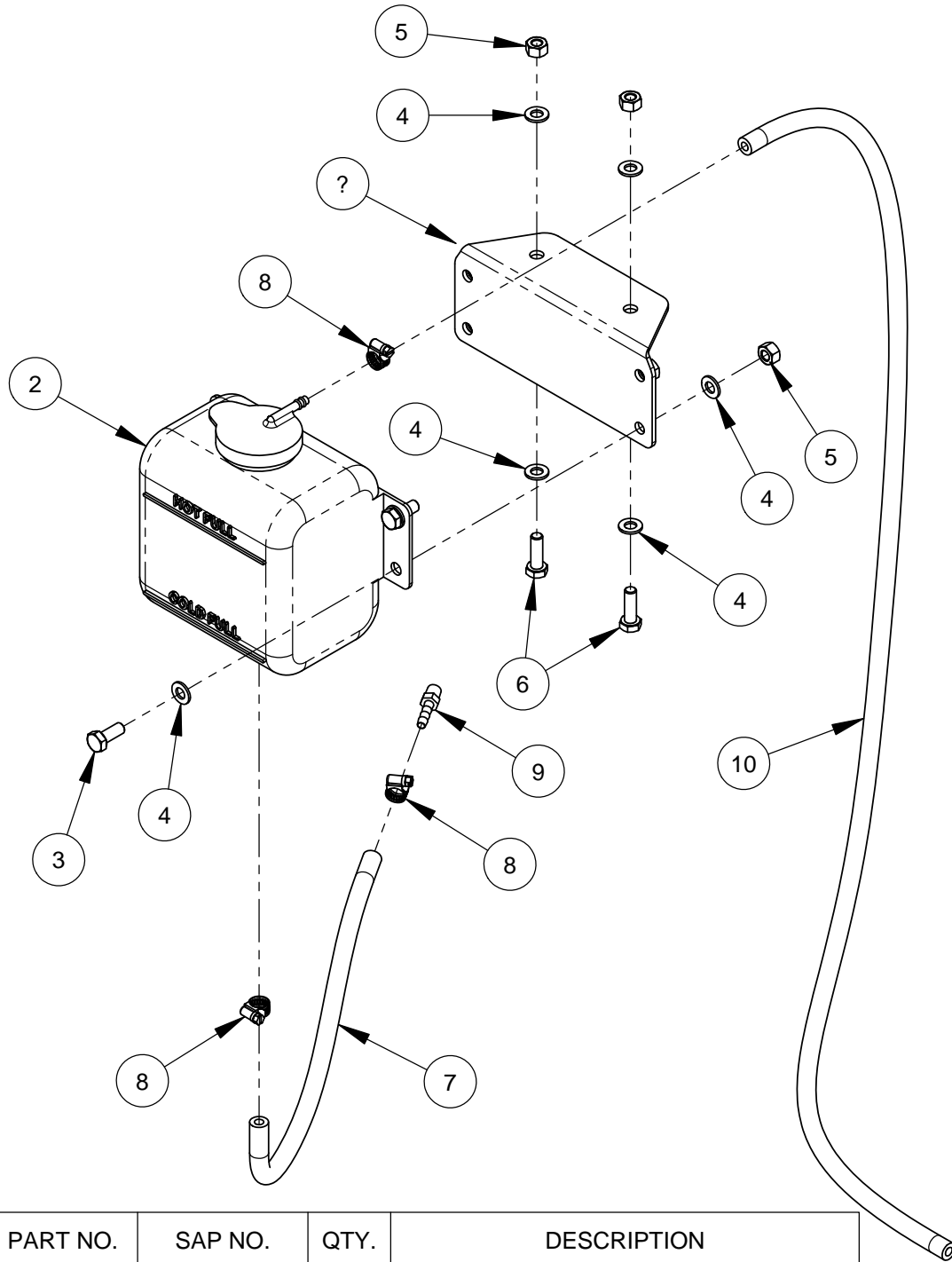
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017457	10993576	1	Hydraulic Cylinder (Drilled)
	6017458	10993577	1	Cylinder Rod Clevis (Drilled)
	2501012	10986375	1	Seal Repair Kit
2	6017459	10993578	1	Cylinder Pin (Drilled)
3	6010031	966491	1	Cylinder Pin, 1" Dia. x 3" Long
4	2900064	966314	4	Hair Pin Cotter, 3/4"
5	2901382	10993367	1	Set Screw, Sq. Hd., M6-1.0 x 25mm
6	2900305	10993289	1	Hex Nut, M6-1.0
7	3200067	977427	1	Breather Vent, 1/4" NPT
8	3200057	966435	1	Elbow, 1/4" M. Pipe to 1/4" M. JIC

Hydraulic Lift Pump Assembly #6017416 (SAP# 10993543)



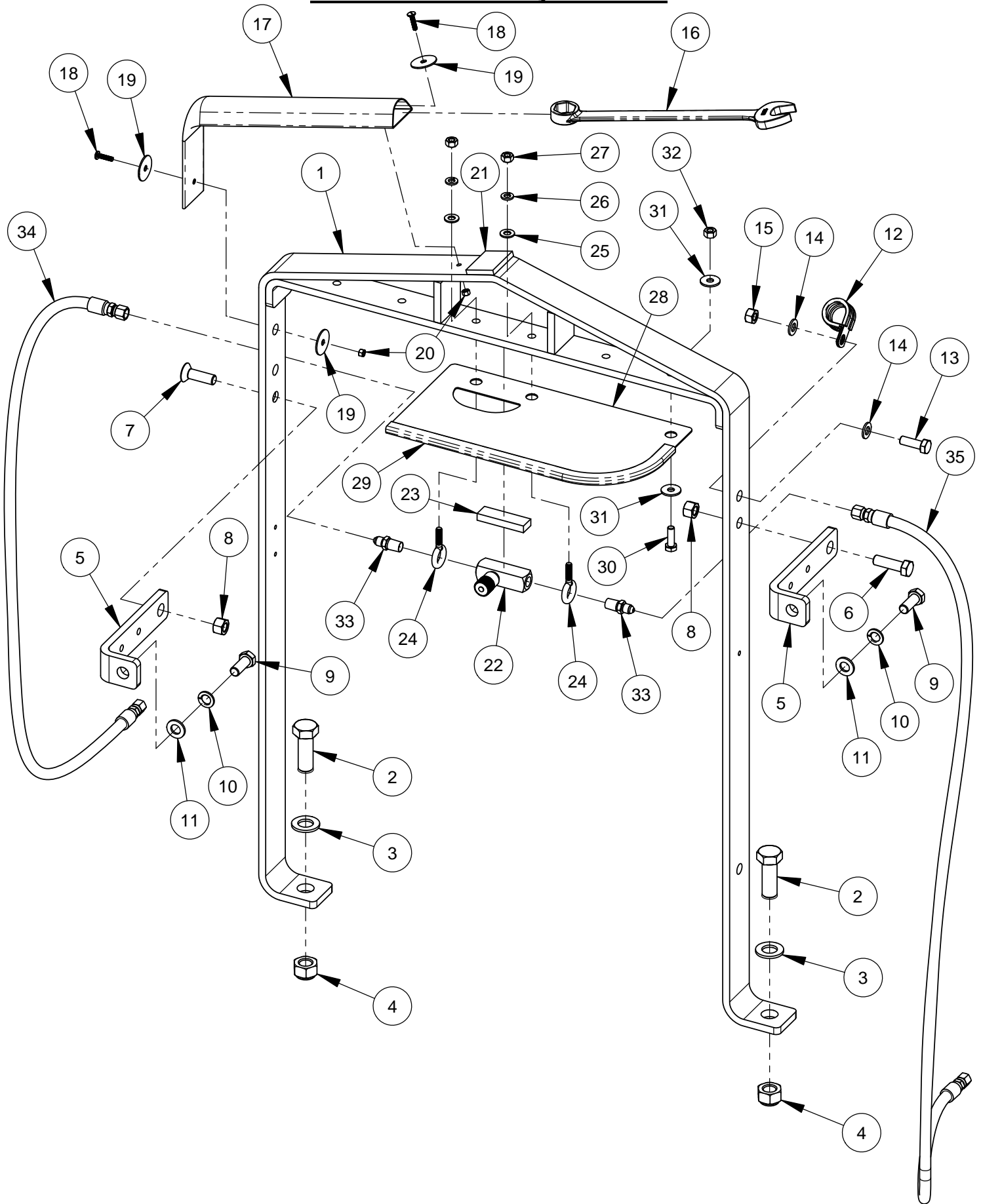
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	2600437	10985290	1	Hydraulic Pump Unit
2	2700321	966236	1	Breather Cap
3	3200120	966449	1	Pipe Coupling, 3/8" NPT
4	3200123	966450	1	Pipe Nipple, 3/8" NPT x 2"
5	3200551	10989791	1	Elbow, 3/8" O-Ring to 1/4" M. JIC
6	6017138	10989909	1	Pump Mount Spacer
7	2900317	966387	2	Cap Screw, Hex Hd., M10-1.5 x 45mm
8	2900321	966391	2	Lock Washer, M10 Split
9	2901356	10993350	2	Flat Washer, M10
10	2900175	10984662	2	Cap Screw, Soc. Hd., 3/8-16 x 1"

Coolant Tank Assembly #6017417 (SAP# 10993544)



ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017141	10989912	1	Coolant Tank Bracket
2	2503716	10989565	1	Coolant Recovery Tank & Cap
3	2900329	966398	4	Cap Screw, Hex Hd., M8-1.25 x 20mm
4	2901336	10993335	12	Flat Washer, M8
5	2900303	966374	6	Lock Nut, M8-1.25 Nylon Insert
6	2900360	10993291	2	Cap Screw, Hex Hd., M8-1.25 x 25mm
7	6017279	10989994	1	Hose, 1/4" I.D. x 14"
8	3200062	966437	3	Hose Clamp #4
9	3200018	10989774	1	Fitting, 1/8" M. Pipe to 1/4" Hose Barb
10	6017280	10989995	1	Hose, 1/4" I.D. x 40"

Frame Lift Assembly #6017418



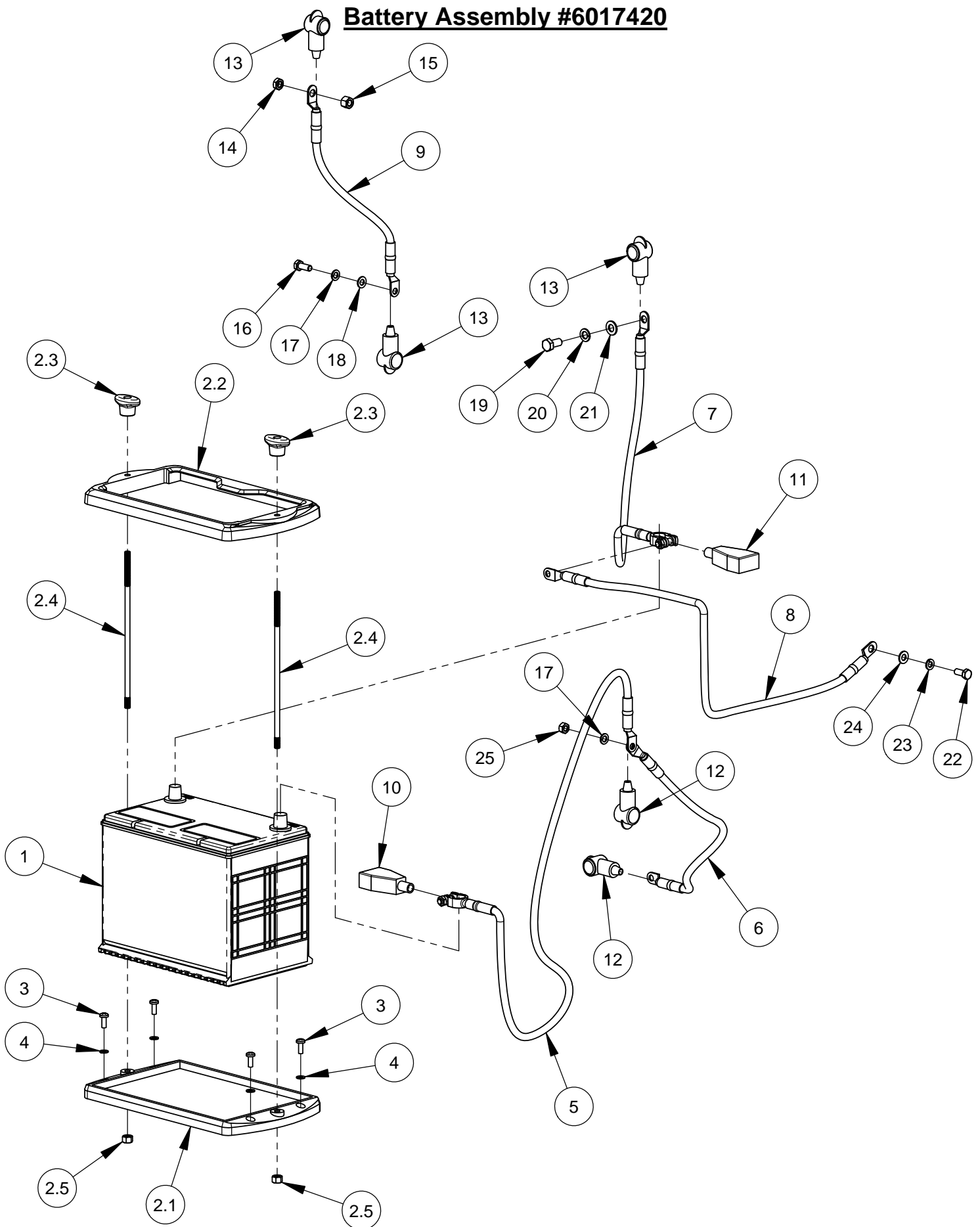
Frame Lift Assembly #6017418 (SAP# 10993545)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017135	10989906	1	Frame Lift
2	2901361	10993354	2	Cap Screw, Hex Hd., M18-2.5 x 50mm
3	2901362	10993355	2	Flat Washer, M18
4	2901363	10993356	2	Lock Nut, M18-2.5 Nylon Insert
5	6017136	10989907	2	Frame Lift Brace
6	2900331	966400	1	Cap Screw, Hex Hd., M12-1.75 x 40mm
7	2901354	10993348	1	Cap Screw, Flat Hd., M12-1.75 x 40mm
8	2900327	966396	2	Lock Nut, M12-1.75 Nylon Insert
9	2900330	966399	2	Cap Screw, Hex Hd., M12-1.75 x 30mm
10	2900699	10989726	2	Lock Washer, M12 Split
11	2901357	10993351	2	Flat Washer, M12
12	3201729	10989809	1	Hose Clamp, 1" x 3/4" Wide
13	2900223	966356	1	Cap Screw, Hex Hd., M10-1.5 x 30mm
14	2901356	10993350	2	Flat Washer, M10
15	2900304	966375	1	Lock Nut, M10-1.5 Nylon Insert
16	2503704	10989558	1	Wrench, 15/16" Combination
17	6017439	10993562	1	Wrench Sock
18	2901377	10993365	2	Machine Screw, Nylon, M5-0.8 x 20mm
19	2900083	10987846	3	Fender Washer, 1/4" x 1-1/4"
20	2900301	966372	2	Lock Nut, M5-0.8 Nylon Insert
21	6017447	10993568	1	Wrench Pad 1-1/2"
22	3200056	966434	1	Flow Control Valve, 1/4" NPT
23	6017142	10989913	1	Valve Spacer Block
24	2900720	10989727	2	Eyebolt, 5/16-18 x 1"
25	2900022	966283	2	Flat Washer, 5/16" SAE
26	2900031	966288	2	Lock Washer, 5/16" Split
27	2900141	966335	2	Hex Nut, 5/16-18
28	6017394	10993522	1	Hose Shield
29	6040236	10990073	1	Edge Trim 16"
30	2900360	10993291	1	Cap Screw, Hex Hd., M8-1.25 x 25mm
31	2900383	10993293	2	Fender Washer, M8
32	2900303	966374	1	Lock Nut, M8-1.25 Nylon Insert
33	3200418	10989788	2	Adapter, 1/4" M. Pipe to 1/4" M. JIC
34	6017286	10990115	1	Hose Assembly 1/4" x 42"
35	6017287	10990001	1	Hose Assembly 1/4" x 54"

Depth Stop Assembly #6017419A (SAP# 10993546)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2503726	10989570	1	Actuator
2	2503727	10989571	1	Pivot Bracket with Pin
3	2900341	10990112	6	Cap Screw, Hex Hd., M6-1.0 x 16mm
4	2900765	10993321	6	Lock Washer, M6 Split
5	2901494	10993370	6	Flat Washer, M6
6	2900038	966295	1	Lock Washer, #10 Split
7	2800638	10989662	1	Actuator Magnet
8	2503729	10989573	6	O-Ring #016
9	6017116	10989891	1	Guide Tube
10	2800637	10989661	1	Magnetic Proximity Sensor
11	6017117	10989892	1	Slide Shaft
12	6017118	10989893	1	Hollow Stud, 3/8-24 x 1-1/2"
13	2503728	10989572	1	Clevis, 3/8-24 Nylon
14	6017119	10989894	1	Linkage Arm
15	2900878	10989749	1	Yoke, 5/16-24
16	2900879	10989750	1	Clevis Pin, 5/16" Dia. x 15/16"
17	2900262	10989694	1	Hairpin Cotter
18	2503730	10989574	2	Flanged Bearing, 5/16" ID
19	2900153	966343	2	Friction Washer, 3/8"
20	2900880	10989751	1	Cap Screw, Hex Hd., 5/16-24 x 3-1/2"
21	2900031	966288	1	Lock Washer, 5/16" Split
22	2900022	966283	2	Flat Washer, 5/16" SAE
23	2900049	966302	1	Jam Nut, 5/16-24
24	6017120	10989895	1	Bell Crank
25	6017198	10989963	1	Linkage Assembly 13-3/4" Eye to Eye
26	6017199	10989964	1	Linkage Assembly 6-1/2" Eye to Eye
27	2900008	966269	4	Cap Screw, Hex Hd., 1/4-20 x 1"
28	2900009	966270	4	Flat Washer, 1/4" SAE
29	2900010	966271	4	Lock Nut, 1/4-20 Nylon
30	2900902	10989760	1	Shoulder Screw, 5/16" x 3" (1/4-20)
31	2900252	10989690	1	Belleville Washer, 5/16"
32	2900126	10989679	1	Flat Washer, 1/4" USS
33	2900890	10989755	1	Friction Washer, 1/2" Nylatron
34	2900782	10989732	1	Jam Nut, 3/8-16
35	2900125	10989678	1	Hex Nut, 1/4-20
36	6017122	10989896	2	Strip Brush
37	2900021	966282	4	Tap Screw, Pan Hd., #10-24 x 3/8"
38	6017232	10989969	1	Actuator Cover

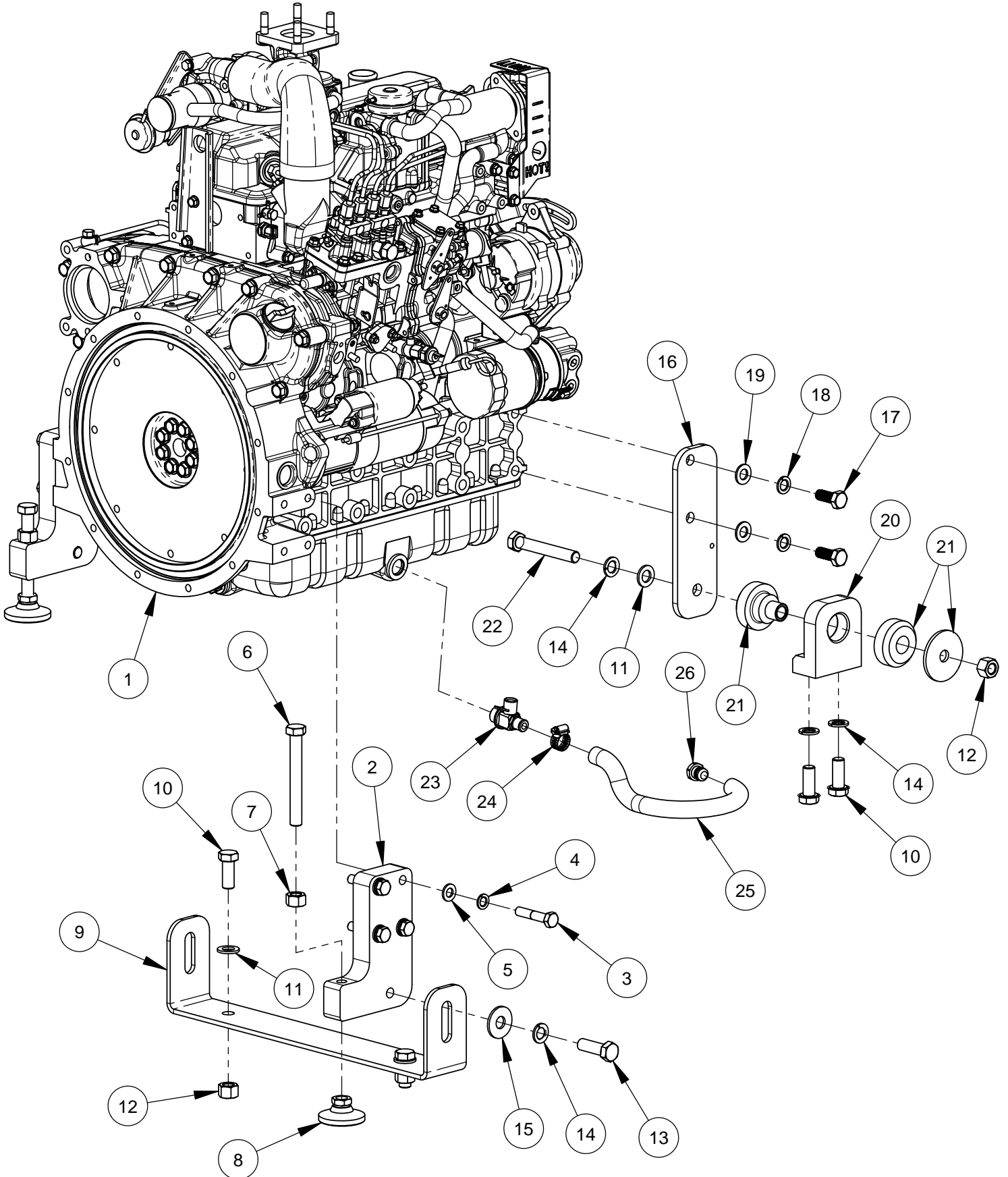
Battery Assembly #6017420



Battery Assembly #6017420 (SAP# 10993547)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2800465	10985246	1	Battery, 12 Volt Group Size 24
2	2503890	10993219	1	Battery Hold-Down Tray
2.1	2503890A	10993220	1	Battery Tray Base
2.2	2503890B	10993221	1	Battery Tray Top
2.3	2503890C	10993222	2	Ratchet Knob 5/16-18
2.4	2503890D	10993223	2	Tie Rod, 5/16-18
2.5	2900039	966296	2	Lock Nut, 5/16-18 Nylon
3	2901368	10993360	4	Machine Screw, Pan Hd., M6-1.0 x 16mm
4	2900765	10993321	4	Lock Washer, M6 Split
5	2800082	10989643	1	Battery Cable, 48" Positive (Red)
6	2800095	966255	1	Solenoid Cable, 14" Positive (Red)
7	2800072	966253	1	Battery Cable, 30" Negative (Black)
8	2800854	10989668	1	Ground Cable, 42" Negative (Black)
9	2800182	966258	1	Ground Cable, 14" Negative (Black)
10	2800256	10989644	1	Battery Boot, Large (Red)
11	2800257	10989645	1	Battery Boot, Large (Black)
12	2800197	966259	2	Battery Boot, Small (Red)
13	2800198	966260	3	Battery Boot, Small (Black)
14	2900782	10989732	1	Jam Nut, 3/8-16
15	2900018	966279	1	Lock Nut, 3/8-16 Nylon
16	2900329	966398	1	Cap Screw, Hex Hd., M8-1.25 x 20mm
17	2900763	10993320	2	Lock Washer, M8 Split
18	2901336	10993335	1	Flat Washer, M8
19	2901021	10989771	1	Cap Screw, Hex Hd., M10-1.25 x 20mm
20	2900321	966391	1	Lock Washer, M10 Split
21	2901356	10993350	1	Flat Washer, M10
22	2900019	966280	1	Cap Screw, Hex Hd., 5/16-18 x 3/4"
23	2900031	966288	1	Lock Washer, 5/16" Split
24	2900022	966283	1	Flat Washer, 5/16" SAE
25	2900343	10989701	1	Hex Nut, M8-1.25

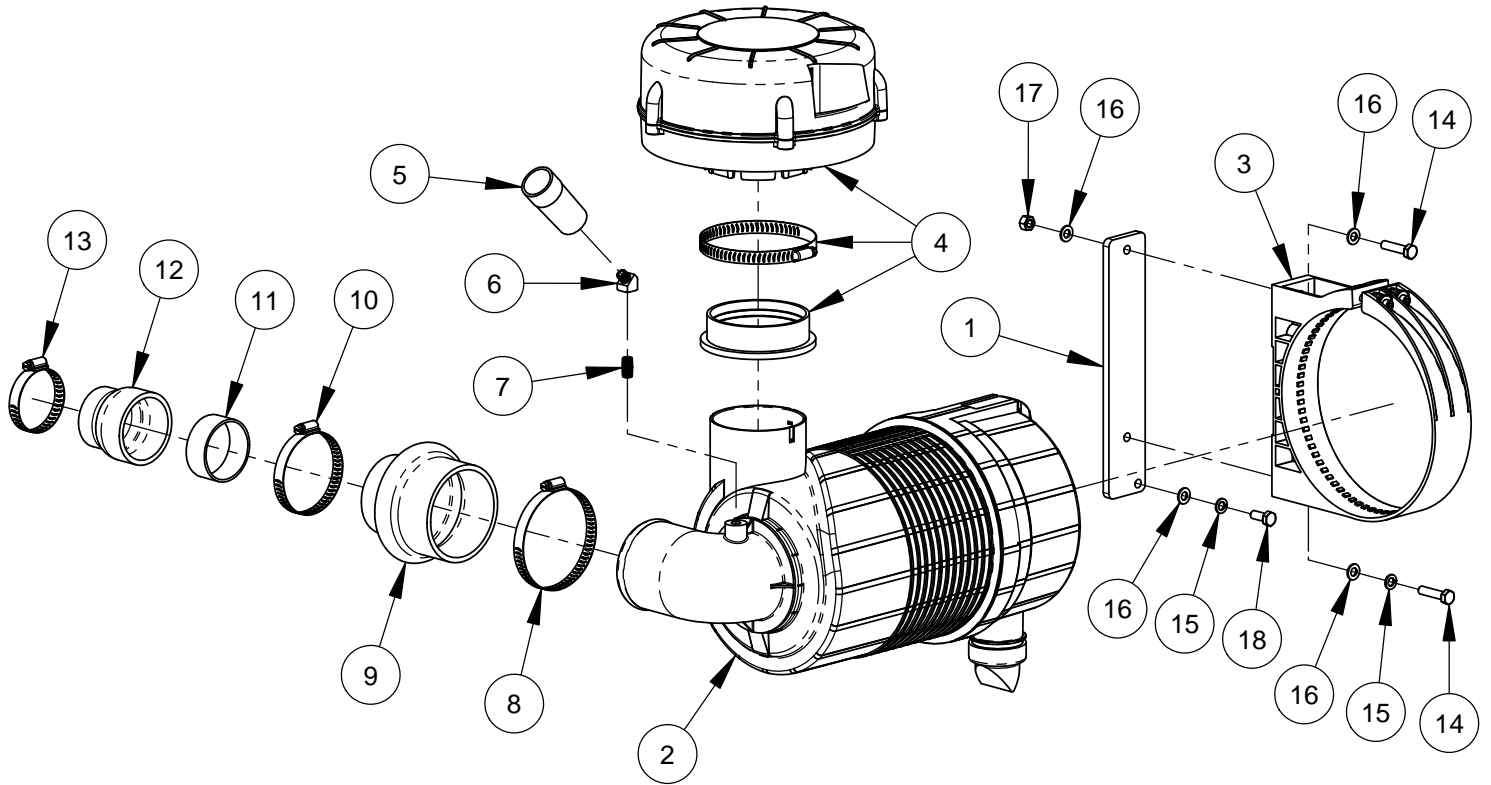
Engine Assembly #6017421



Engine Assembly #6017421 (SAP# 10993548)

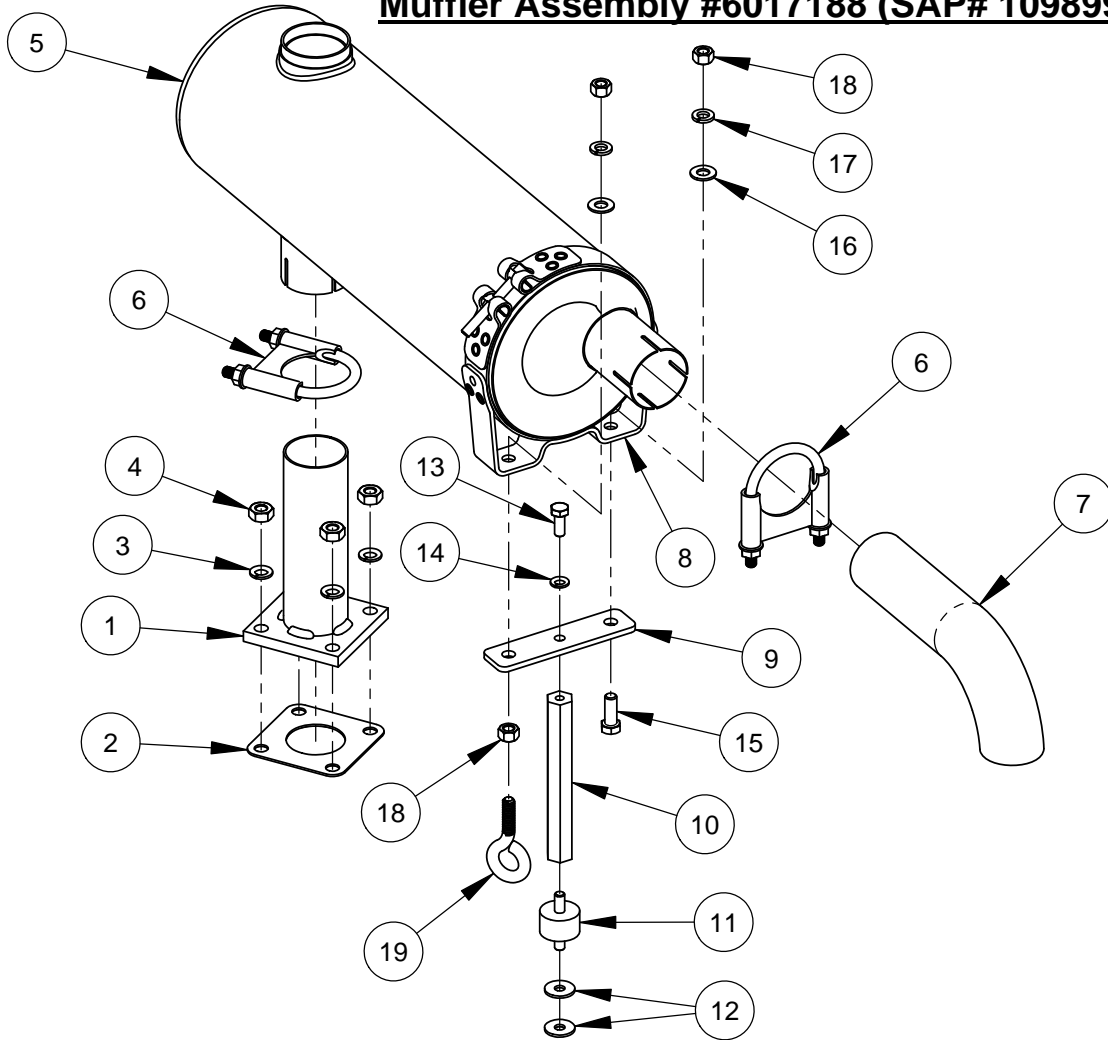
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2600546	10989622	1	Engine, Kubota Model V3307
2	6017380	10993512	2	Engine Foot
3	2900886	10989754	8	Cap Screw, Hex Hd., M12-1.25 x 60mm
4	2900699	10989726	8	Lock Washer, M12 Split
5	2901357	10993351	8	Flat Washer, M12
6	2901350	10993344	2	Tap Bolt, Hex Hd., M16-2.0 x 130mm
7	2901352	10993346	2	Hex Nut, M16-2.0
8	2901353	10993347	2	Swivel Pad, M16-2.0
9	6017156	10989923	1	Engine Cradle
10	2900731	10993316	6	Cap Screw, Hex Hd., M16-2.0 x 40mm
11	2901358	10993352	4	Flat Washer, M16
12	2900670	10993313	4	Lock Nut, M16-2.0 Nylon Insert
13	2901367	10993359	2	Cap Screw, Hex Hd., M16-2.0 x 50mm
14	2900716	10993315	8	Lock Washer, M16 Split
15	2900721	10989728	2	Flat Washer, 5/8" USS Hardened
16	6017154	10989922	2	Engine Leg
17	2900874	10989747	4	Cap Screw, Hex Hd., M14-1.5 x 35mm
18	2900875	10989748	4	Lock Washer, M14 Split
19	2900326	966395	4	Flat Washer, M14
20	6017381	10993513	2	Engine Pivot Block
21	2503788	10989596	2	Vibration Isolator
22	2901349	10993343	2	Cap Screw, Hex Hd., M16-2.0 x 110mm
23	3200813	10989794	1	Oil Drain Valve, M22x1.5
24	3200016	966420	1	Hose Clamp #8
25	6017021	10989860	1	Oil Drain Hose, 5/8" I.D. x 12"
26	3201728	10989808	1	Hose Plug

Air Intake Assembly #6017422 (SAP# 10993549)



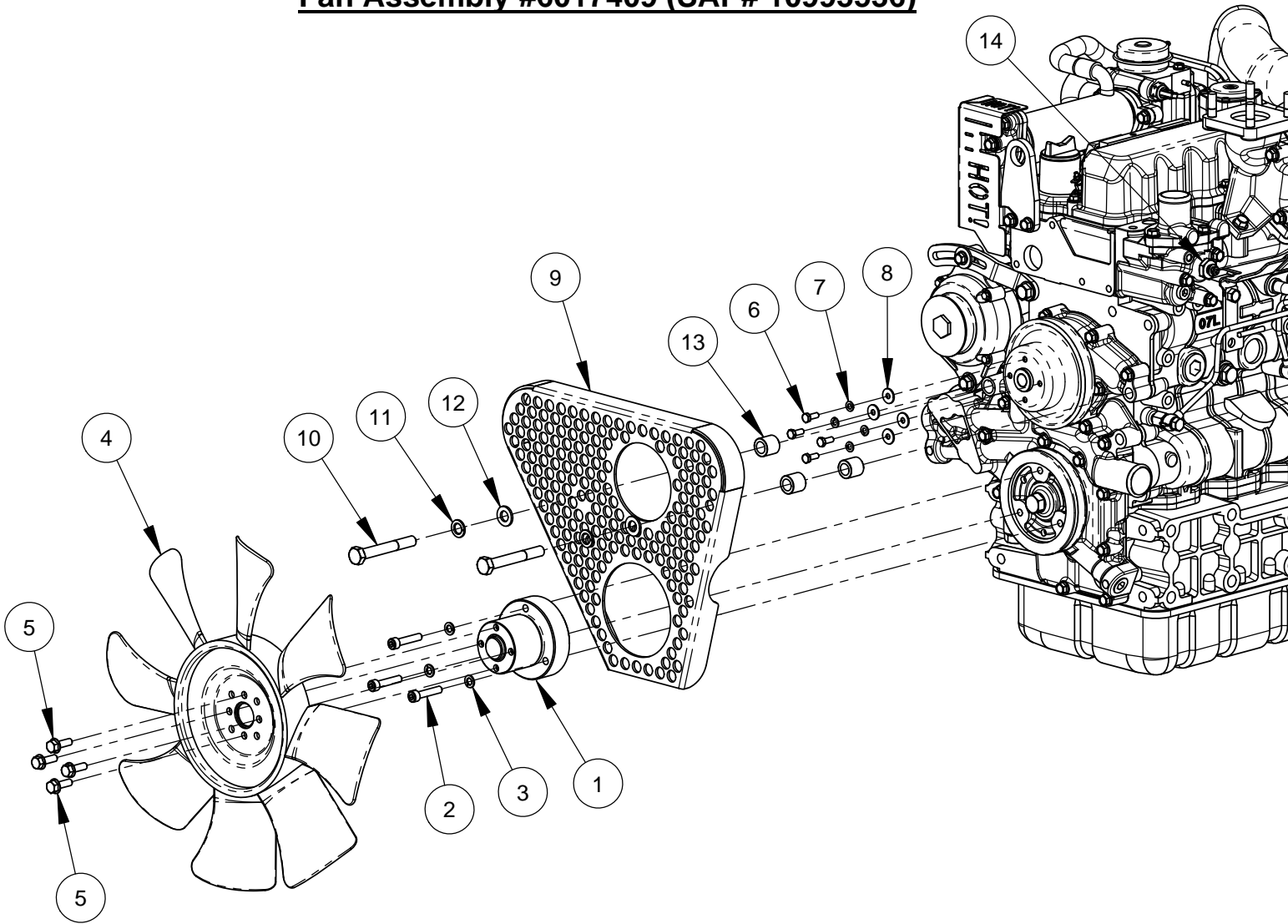
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017387	10993519	1	Air Filter Mount Plate
2	2502182	10989538	1	Air Cleaner Complete
	2501352	10985980	1	Outer Primary Filter
	2501353	10985981	1	Inner Safety Filter
	2500239	10986889	1	Rubber Dust Ejector Boot
3	2501351	10988639	1	Mounting Band, Polymer
4	2501504	10989530	1	Pre-Cleaner w/Clamp & Adapter Ring
5	2500423	966179	1	Restriction Indicator
6	3200099	10989777	1	Street Elbow, 1/8" NPT x 45 Deg.
7	3200117	10989779	1	Close Nipple, 1/8" NPT
8	3200198	966464	1	Hose Clamp #64
9	2503722	10989567	1	Hose Reducer, 3-1/2" to 2-3/4" I.D.
10	3200197	966463	1	Hose Clamp #52
11	6017145	10989915	1	Connector Tube, 2-1/2" O.D.
12	2500229	10989512	1	Hose Reducer, 2-1/2" to 2" I.D.
13	3200095	10989776	1	Hose Clamp #32
14	2900760	10989731	2	Cap Screw, Hex Hd., M8-1.25 x 35mm
15	2900763	10993320	2	Lock Washer, M8 Split
16	2901336	10993335	4	Flat Washer, M8
17	2900303	966374	1	Lock Nut, M8-1.25 Nylon Insert
18	2900329	966398	1	Cap Screw, Hex Hd., M8-1.25 x 20mm

Muffler Assembly #6017188 (SAP# 10989949)



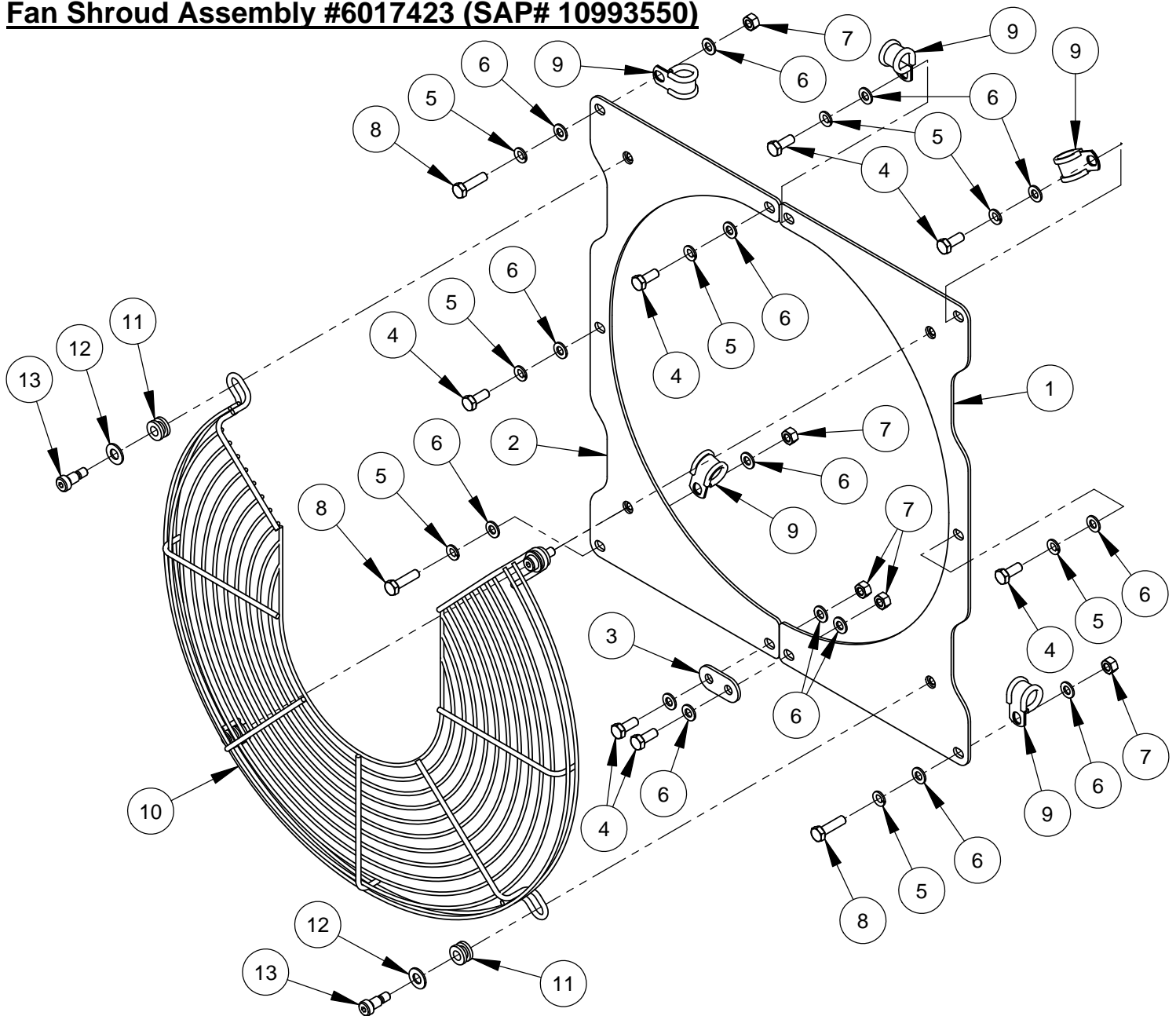
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2503738	10989579	1	Exhaust Flange & Pipe
2	2503739	10989580	1	Exhaust Flange Gasket
3	2900321	966391	4	Lock Washer, M10 Split
4	2907002	10989773	4	Hex Nut, M10-1.25
5	2503776	10989590	1	Muffler
6	2700748	966241	2	Muffler Clamp 2"
7	2503737	10989578	1	Tail Pipe, 2" O.D. x 9"
8	2503777	10989591	1	Muffler Body Band Clamp
9	6017281	10989996	1	Muffler Support Bar
10	6017282	10989997	1	Muffler Support Post
11	2503787	10989595	1	Vibration Isolator M8
12	2900383	10993293	2	Fender Washer, M8
13	2900329	966398	1	Cap Screw, Hex Hd., M8-1.25 x 20mm
14	2900763	10993320	1	Lock Washer, M8 Split
15	2900005	966266	1	Cap Screw, Hex Hd., 3/8-16 x 1"
16	2900014	966275	2	Flat Washer, 3/8" SAE
17	2900006	966267	2	Lock Washer, 3/8" Split
18	2900033	966290	3	Hex Nut, 3/8-16
19	2900892	10989757	1	Eyebolt, 3/8-16 x 1-1/2"

Fan Assembly #6017409 (SAP# 10993536)



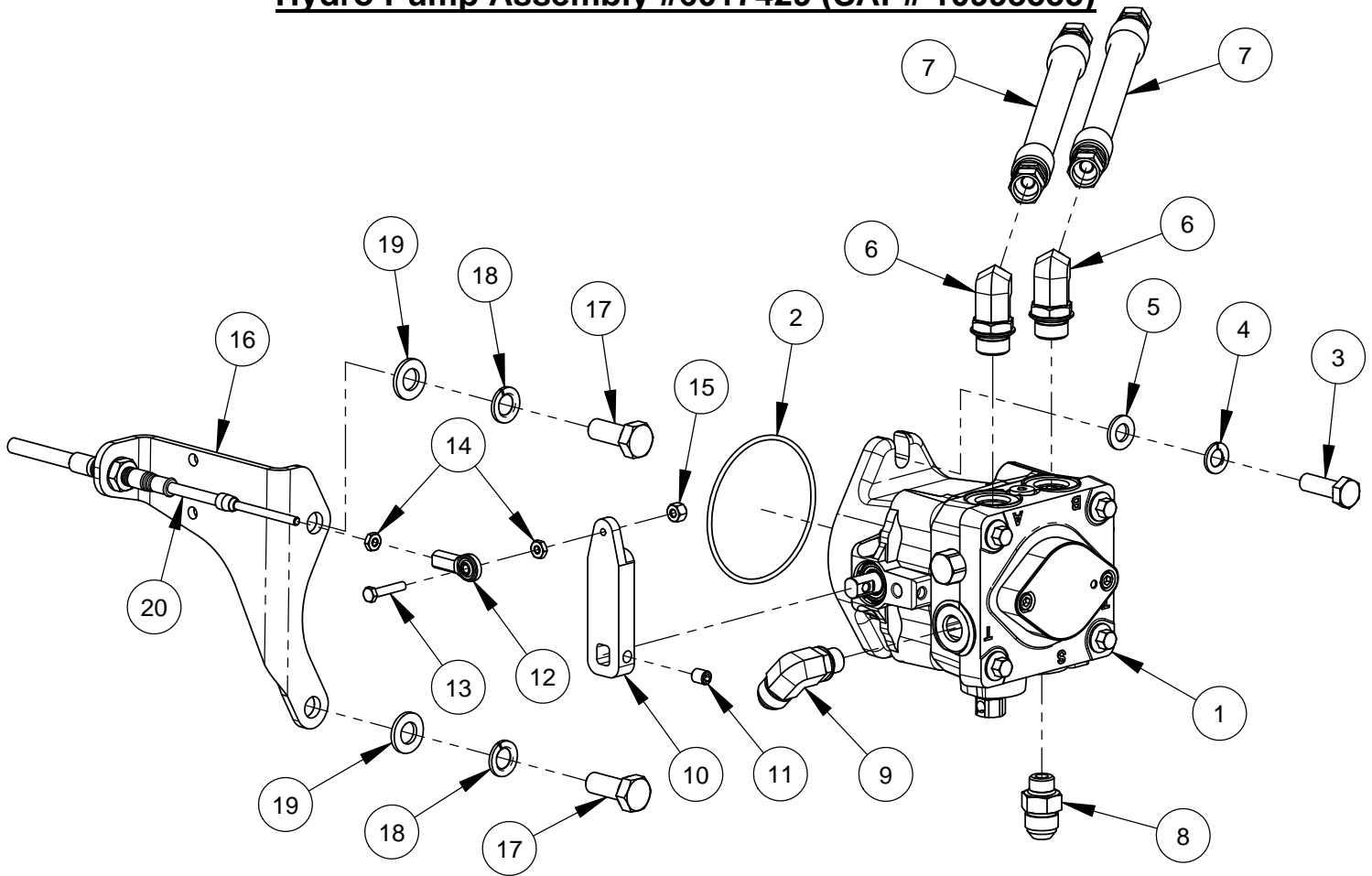
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017398	10993526	1	Fan Hub Adapter
2	2900398	10989704	3	Cap Screw, Soc. Hd., M8-1.25 x 40mm
3	2900763	10993320	3	Lock Washer, M8 Split
4	6017470	#N/A	1	Cooling Fan, 17"
5	2901560	#N/A	4	Cap Screw, Hex Flange, M8-1.25 x 25mm
6	2900341	10993321	4	Cap Screw, Hex Hd., M6-1.0 x 16mm
7	2900765	10993353	4	Lock Washer, M6 Split
8	2901359	10990112	4	Fender Washer, M6
9	6017133	10989904	1	Belt Guard
10	2900881	10989752	2	Cap Screw, Hex Hd., M12-1.25 x 90mm
11	2900699	10989726	2	Lock Washer, M12 Split
12	2901357	10993351	2	Flat Washer, M12
13	6017134	10989905	3	Spacer, 21mm long
14	2800624	10989659	1	Water Temperature Sender

Fan Shroud Assembly #6017423 (SAP# 10993550)



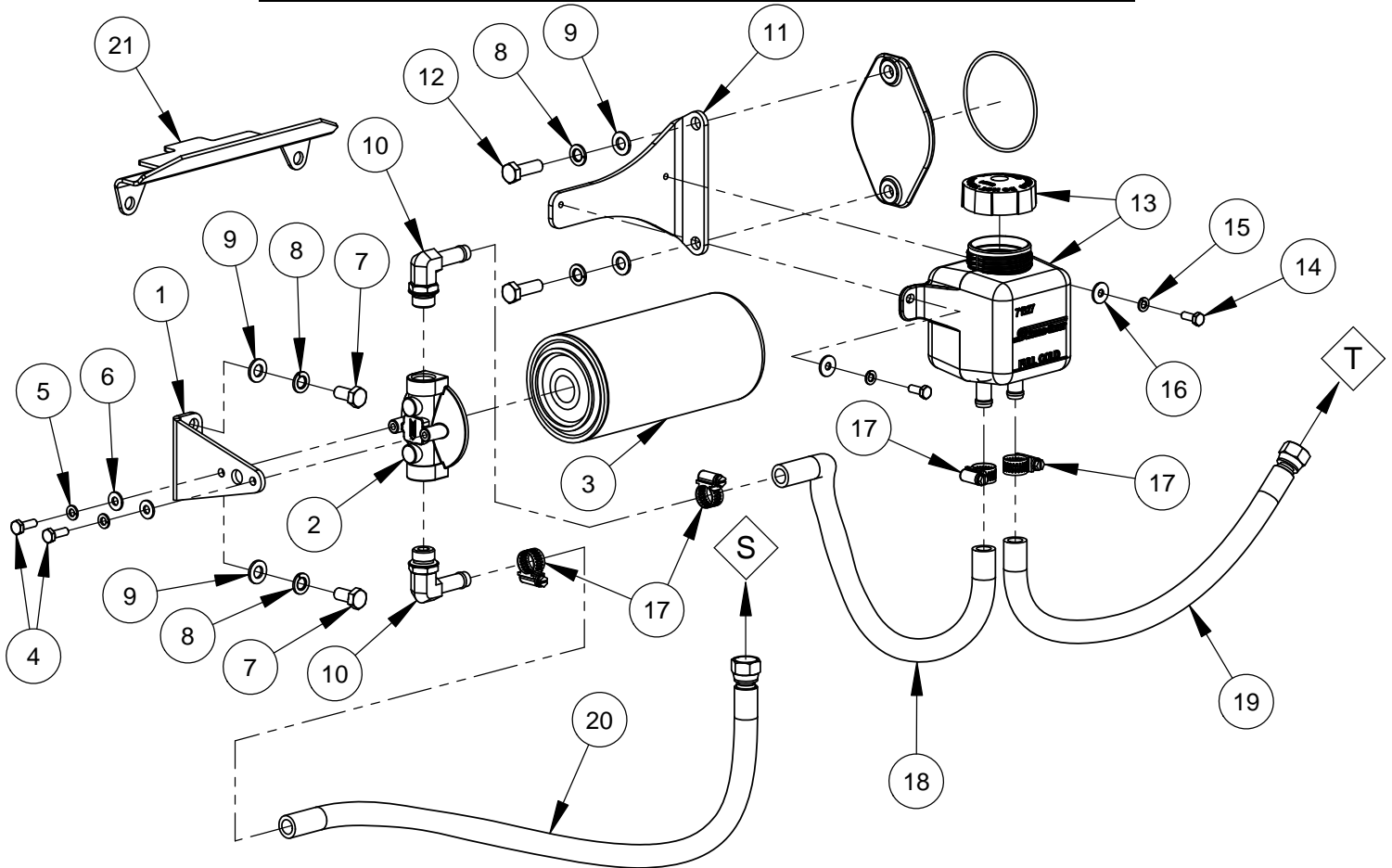
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017037A	10989871	1	Fan Shroud (Left)
2	6017037B	10989872	1	Fan Shroud (Right)
3	6017038	10989873	1	Link
4	2900329	966398	7	Cap Screw, Hex Hd., M8-1.25 x 20mm
5	2900763	10993320	8	Lock Washer, M8 Split
6	2901336	10993335	15	Flat Washer, M8
7	2900303	966374	5	Lock Nut, M8-1.25 Nylon Insert
8	2900313	966383	3	Cap Screw, Hex Hd., M8-1.25 x 30mm
9	2801151	10989671	5	Hose Clamp, 3/4" x 3/4" Wide
10	2503705	10989559	1	Fan Guard
11	2503711	10989563	4	Grommet, 3/8" I.D.
12	2900014	966275	4	Flat Washer, 3/8" SAE
13	2900672	10989722	4	Shoulder Screw, 3/8" x 1/2" (5/16-18)

Hydro Pump Assembly #6017429 (SAP# 10993555)



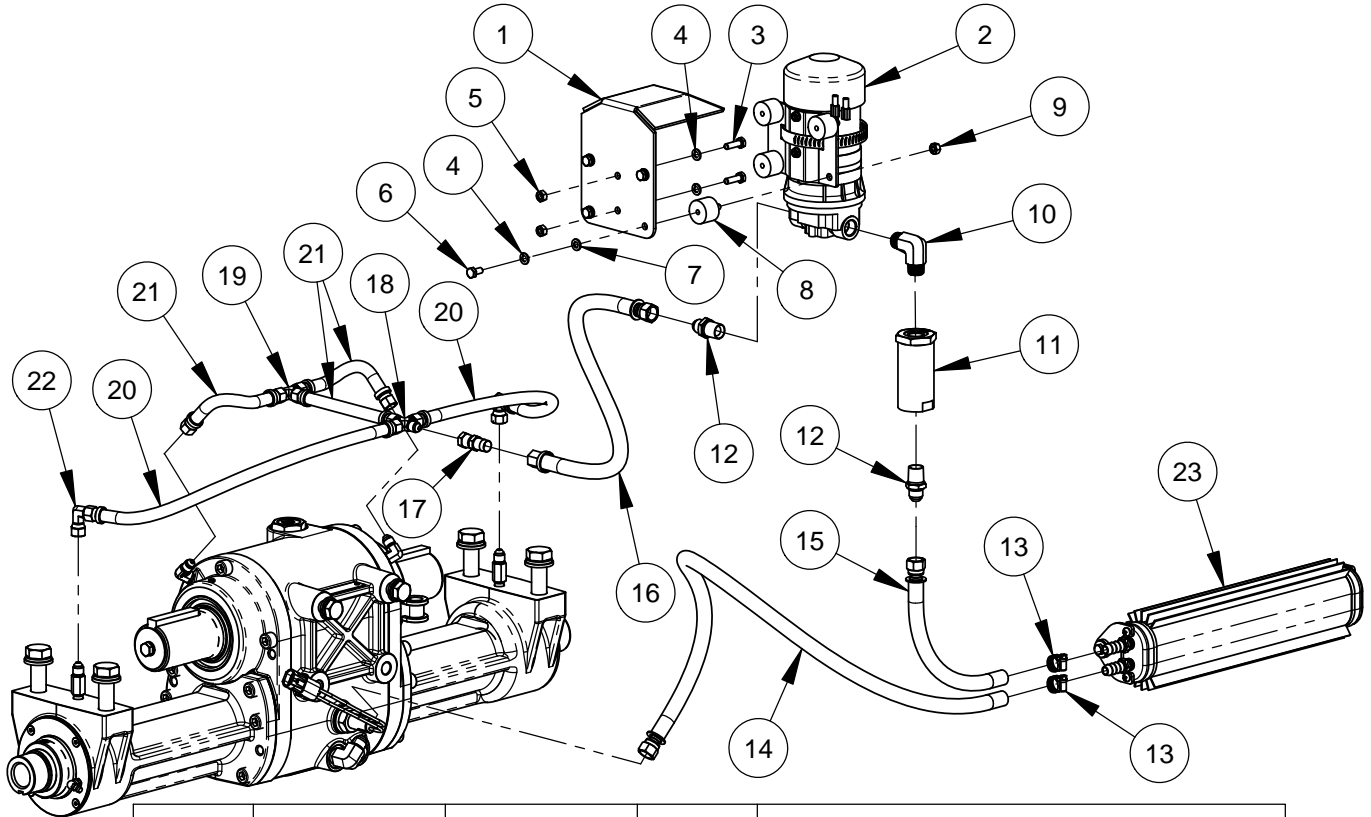
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	2600550	10989623	1	Hydro Pump
2	2503897	10993224	1	O-Ring, AS568A-152 Viton
3	2900870	10989746	2	Cap Screw, Hex Hd., M10-1.25 x 30mm
4	2900321	966391	2	Lock Washer, M10 Split
5	2901356	10993350	2	Flat Washer, M10
6	3201725	10989807	2	Elbow, 1/2" O-Ring to 3/8" M. JIC
7	6017294	10990006	2	Hose Assembly 3/8" x 46"
8	3200266	10989784	1	Adapter, 3/8" O-Ring to 1/2" M. JIC
9	3202086	10993391	1	Elbow, 3/8" O-Ring to 1/2" M. JIC
10	6017137	10989908	1	Control Arm
11	2900429	10989706	1	Set Screw, Soc. Hd., 5/16-24 x 1/2"
12	2500791	965296	1	Rod End, #10-32 Female
13	2900687	10989723	1	Machine Screw, Hex Hd., #10-32 x 1"
14	2900188	965295	2	Hex Nut, #10-32
15	2900688	10989724	1	Lock Nut, #10-32 Nylon
16	6017217	10989966	1	Control Cable Bracket
17	2900746	10989730	2	Cap Screw, Hex Hd., M12-1.25 x 30mm
18	2900699	10989726	2	Lock Washer, M12 Split
19	2901357	10993351	2	Flat Washer, M12
20	2503781	10989592	1	Control Cable 41"

Reservoir Tank Assembly #6017424 (SAP# 10993551)



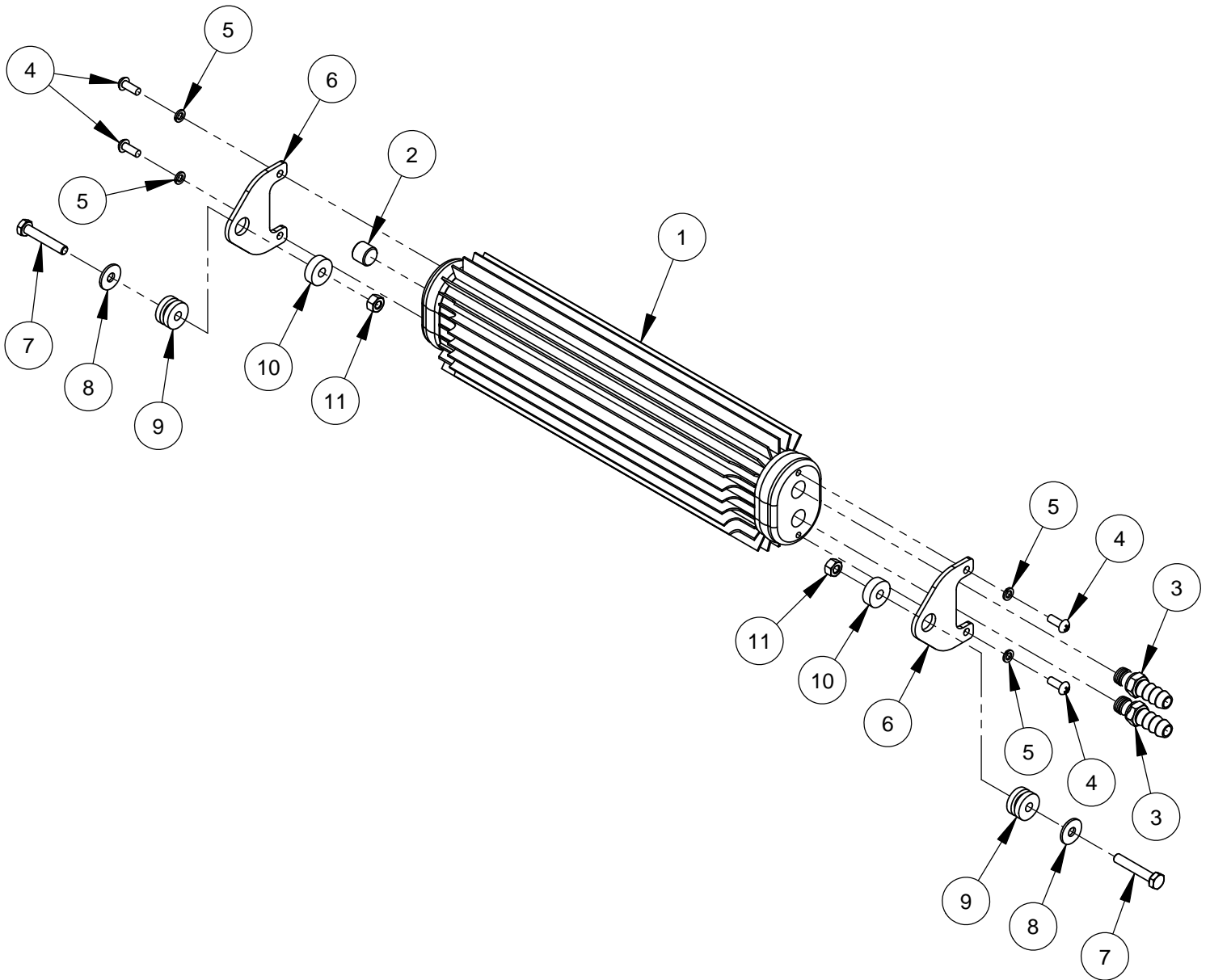
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017356	10993494	1	Oil Filter Mount Bracket
2	3201970	10989819	1	Filter Head
3	3201971	10993389	1	Filter Element
4	2900144	966338	2	Cap Screw, Hex Hd., 1/4-20 x 3/4"
5	2900024	966284	2	Lock Washer, 1/4" Split
6	2900009	966270	2	Flat Washer, 1/4" SAE
7	2901021	10989771	2	Cap Screw, Hex Hd., M10-1.25 x 20mm
8	2900321	966391	4	Lock Washer, M10 Split
9	2901356	10993350	4	Flat Washer, M10
10	3201896	10989815	2	Elbow, 1/2" O-Ring to 1/2" Hose Bead
11	6017355	10993493	1	Tank Mount Bracket
12	2900870	10989746	2	Cap Screw, Hex Hd., M10-1.25 x 30mm
13	2503796	10989602	1	Reservoir Tank & Cap
14	2900341	10990112	2	Cap Screw, Hex Hd., M6-1.0 x 16mm
15	2900765	10993321	2	Lock Washer, M6 Split
16	2901359	10993353	2	Fender Washer, M6
17	3200016	966420	4	Hose Clamp #8
18	6017395	10993523	1	Hose, 1/2" I.D. x 20"
19	6017396	10993524	1	Hose Assembly 1/2" x 16"
20	6017397	10993525	1	Hose Assembly 1/2" x 28"
21	6017469	#N/A	1	Heat Shield

Oil Pump & Cooler Assembly #6017425 (SAP# 10993552)



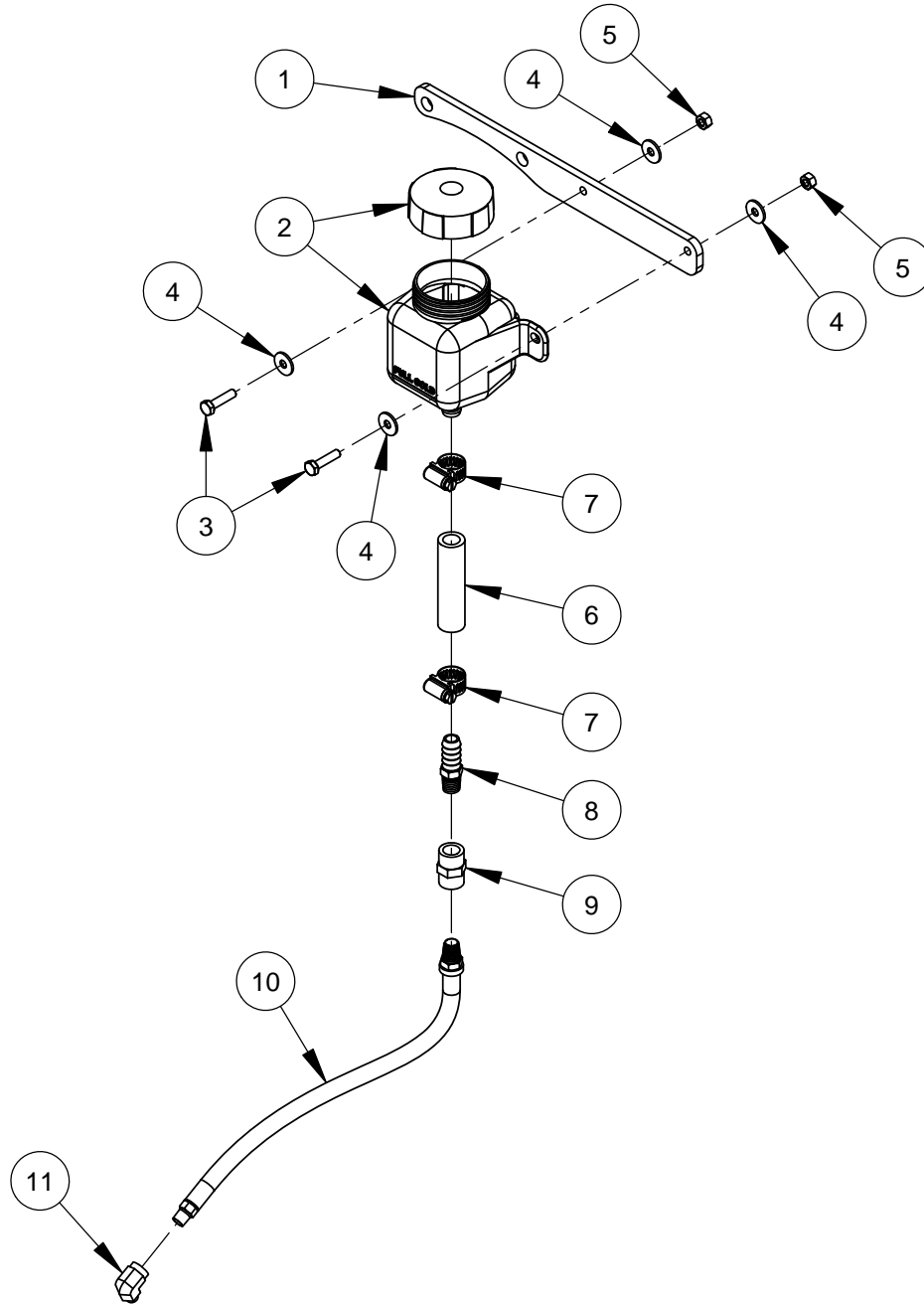
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017312	10990022	1	Pump Mount Bracket
2	6017317	10993489	1	Oil Pump, 12V Diaphragm
3	2900310	966380	2	Cap Screw, Hex Hd., M6-1.0 x 20mm
4	2900765	10993321	6	Lock Washer, M6 Split
5	2900305	10993289	2	Hex Nut, M6-1.0
6	2900544	10993305	4	Cap Screw, Hex Hd., M6-1.0 x 12mm
7	2901494	10993370	4	Flat Washer, M6
8	2503887	10993217	4	Vibration Isolator, M6
9	2900302	966373	4	Lock Nut, M6-1.0 Nylon Insert
10	3201966	10989818	1	Elbow, 3/8" Male Pipe
11	3201940	10989816	1	Mini Inline Filter (90 Micron)
	3201941	10989817	1	Filter Cartridge (90 Micron)
12	3201467	10989798	2	Fitting, 3/8" M. JIC to 3/8" M. Pipe
13	3200390	10989787	2	Hose Clamp #6
14	6017292	10990004	1	Hose Assembly 3/8" x 44"
15	6017293	10990005	1	Hose Assembly 3/8" x 10"
16	6017310	10990020	1	Hose Assembly 3/8" x 30"
17	3200219	10989782	1	Adapter, 1/4" M. Pipe to 1/4" F. JIC
18	3201892	10989812	1	Union Cross, 1/4" Male JIC
19	3200625	10989792	1	Tee, 1/4" Male JIC
20	6017445	10993566	2	Hose Assembly 1/4" x 24"
21	6017278	10989993	3	Hose Assembly 1/4" x 6"
22	3201241	10993386	2	Elbow, 1/4" M. JIC to 1/4" F. JIC
23	6017465	10993583	1	Oil Cooler Assembly

Oil Cooler Assembly #6017465 (SAP# 10993583)



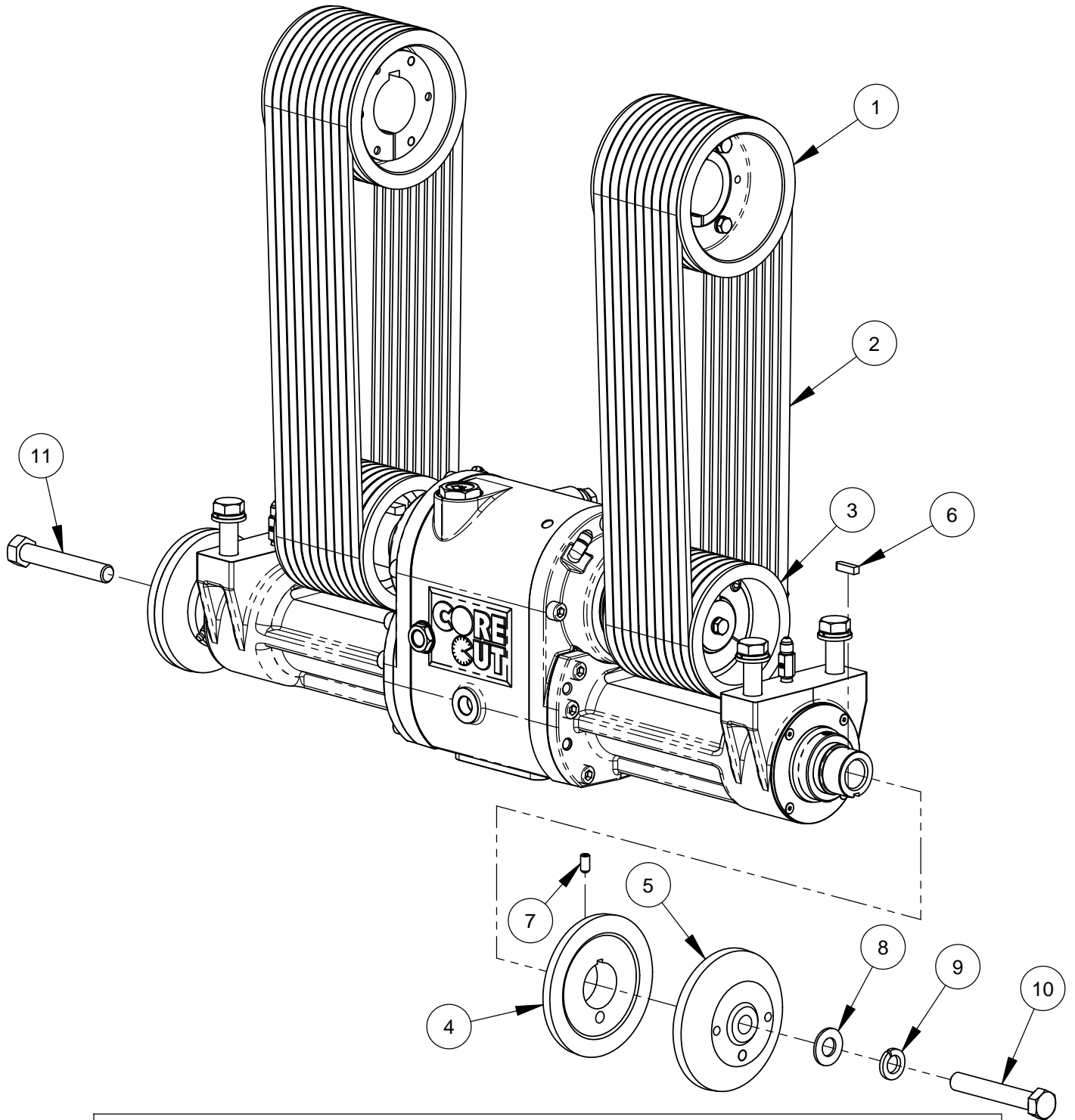
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017466	10993584	1	Oil Cooler (Modified)
2	3200552	10993384	1	Plug, 1/4" NPT
3	3200030	10993377	2	Fitting, 1/4" M. Pipe to 3/8" Hose Barb
4	2900708	10993314	4	Machine Screw, Rd. Hd., #10-32 x 1/2"
5	2900038	966295	4	Lock Washer, #10 Split
6	6017467	10993585	2	Oil Cooler Ear Mount
7	2900312	966382	2	Cap Screw, Hex Hd., M6-1.0 x 35mm
8	2901359	10993353	2	Fender Washer, M6
9	2503986	10993233	2	Grommet
10	2503987	10993234	2	Felt Washer, 1/4"
11	2900302	966373	2	Lock Nut, M6-1.0 Nylon Insert

Expansion Tank Assembly #6017462 (SAP# 10993580)



ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017463	10993581	1	Tank Mount Bar
2	2502039	10993202	1	Expansion Tank & Cap
3	2900311	966381	2	Cap Screw, Hex Hd., M6-1.0 x 25mm
4	2901359	10993353	4	Fender Washer, M6
5	2900302	966373	2	Lock Nut, M6-1.0 Nylon Insert
6	6010435	10989830	1	Hose, 1/2" I.D. x 3"
7	3200016	966420	2	Hose Clamp #8
8	3200463	10993383	1	Fitting, 1/4" M. Pipe to 1/2" Hose Barb
9	3201110	10989795	1	Coupling, 1/4" NPT
10	6017464	10993582	1	Hose Assembly 1/4" x 16"
11	3200156	10989780	1	Street Elbow, 1/8" NPT

Belt Drive Assembly #6017452 (SAP# 10993569) for 3-Speed Saw



(SEE NEXT PAGE FOR ITEMS #1 THRU #5)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
6	6010040	966493	2	Key, 1/4" Sq. x 15/16"
7	2900418	10986391	2	Set Screw, Soc. Hd., 5/16-18 x 5/8"
8	2900002	966263	2	Flat Washer, 5/8" SAE
9	2900113	966326	2	Lock Washer, 5/8" Split
10	2900146	969767	1	Cap Screw, Hex Hd., 5/8-11 x 4"
11	2900130	969765	1	Cap Screw, Hex Hd., 5/8-11 x 4" LH

Belt Drive Assembly #6017452 (SAP# 10993569) for 3-Speed Saw

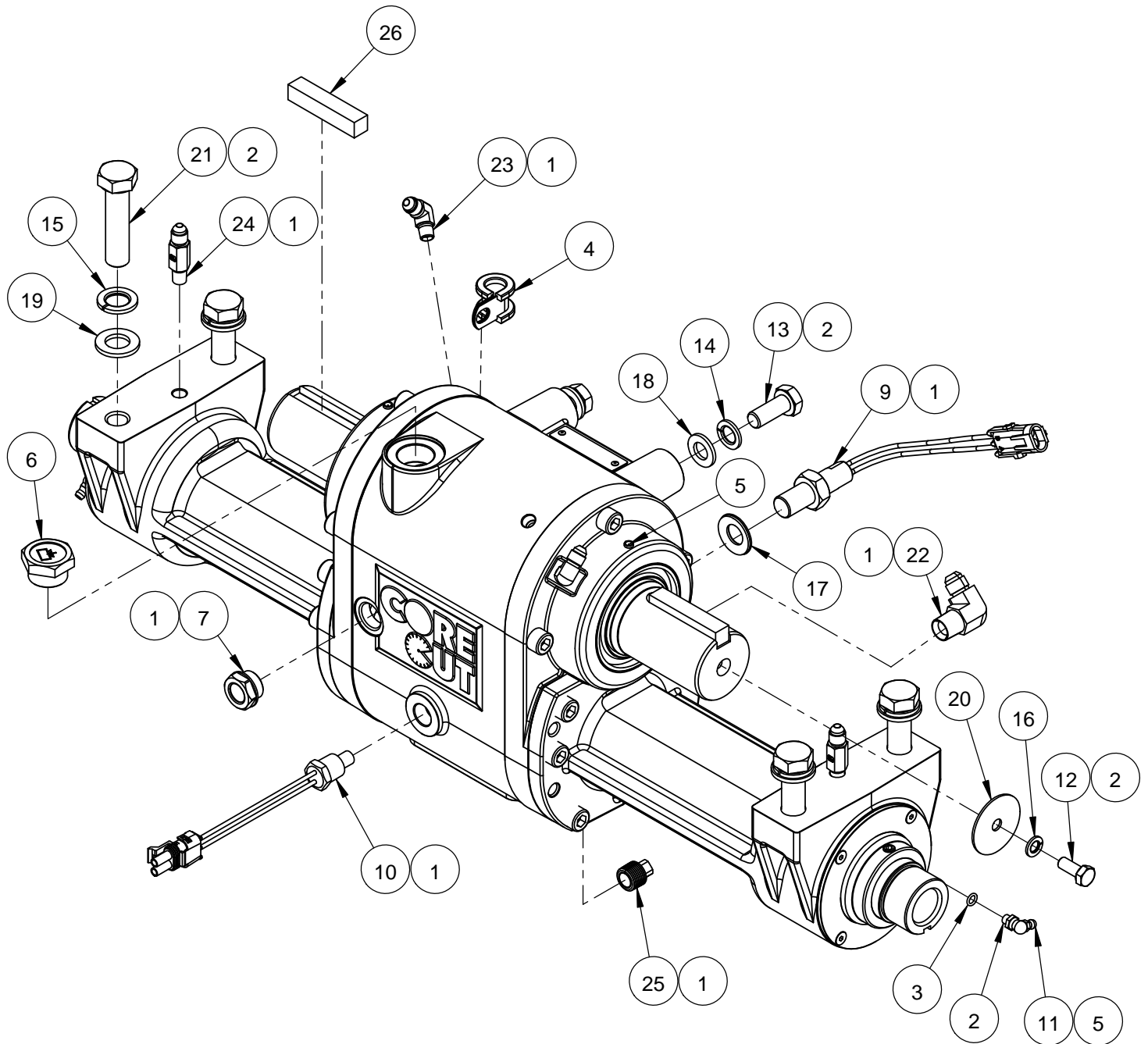
30/26/20 BLADE DRIVE #6017452A (SAP# 10993570)				
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017435	10993560	4	Sheave, 4.75" x 10 Groove w/Bushing
	2503792	10989599	1	Sheave, 4.75" x 10 Groove Taper Style
	2500937	10993180	1	Taper Bushing, 2" w/Setscrews
2	2500794	965305	20	V-Belt, 3VX450
3	6010255	10986395	2	Inner Flange 5"
4	6047907	965291	2	Outer Flange 5" with Pin

36/30/20 BLADE DRIVE #6017452B (SAP# 10993571)				
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017438	10993561	2	Sheave, 6.5" x 10 Groove w/Bushing
	2501902	10989531	1	Sheave, 6.5" x 10 Groove QD Style
	2500153	966148	1	QD Bushing, SK x 2" w/Fasteners
2	2500298	977433	20	V-Belt, 3VX475
3	6017434	10993559	2	Sheave, 4.5" x 10 Groove w/Bushing
	2501381	10989526	1	Sheave, 4.5" x 10 Groove Taper Style
	2501411	10987832	1	Taper Bushing, 2" w/Setscrews & Key
4	6010038	966492	2	Inner Flange 6"
5	6010039	977439	2	Outer Flange 6" with Pin

42/36/26 BLADE DRIVE #6017452C (SAP# 10993572)				
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6013157	10987867	2	Sheave, 5.6" x 10 Groove w/Bushing
	2500209	969749	1	Sheave, 5.6" x 10 Groove QD Style
	2500153	966148	1	QD Bushing, SK x 2" w/Fasteners
2	2500298	977433	20	V-Belt, 3VX475
3	6017435	10993560	2	Sheave, 4.75" x 10 Groove w/Bushing
	2503792	10989599	1	Sheave, 4.75" x 10 Groove Taper Style
	2500937	10993180	1	Taper Bushing, 2" w/Setscrews
4	6017230	10989967	2	Inner Flange 7"
5	6017231	10989968	2	Outer Flange 7" with Pin

48/42/30 BLADE DRIVE #6017452D (SAP# 10993573)				
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6017435	10993560	4	Sheave, 4.75" x 10 Groove w/Bushing
	2503792	10989599	1	Sheave, 4.75" x 10 Groove Taper Style
	2500937	10993180	1	Taper Bushing, 2" w/Setscrews
2	2500794	965305	20	V-Belt, 3VX450
3	6013017	966583	2	Inner Flange 8"
4	6013018	966584	2	Outer Flange 8" with Pin

**Blade Shaft Assembly for 3-Speed Saw
#6018230 (SAP# 10993589) (Option A)
or #6018232 (SAP# 10993590) (Option B)**



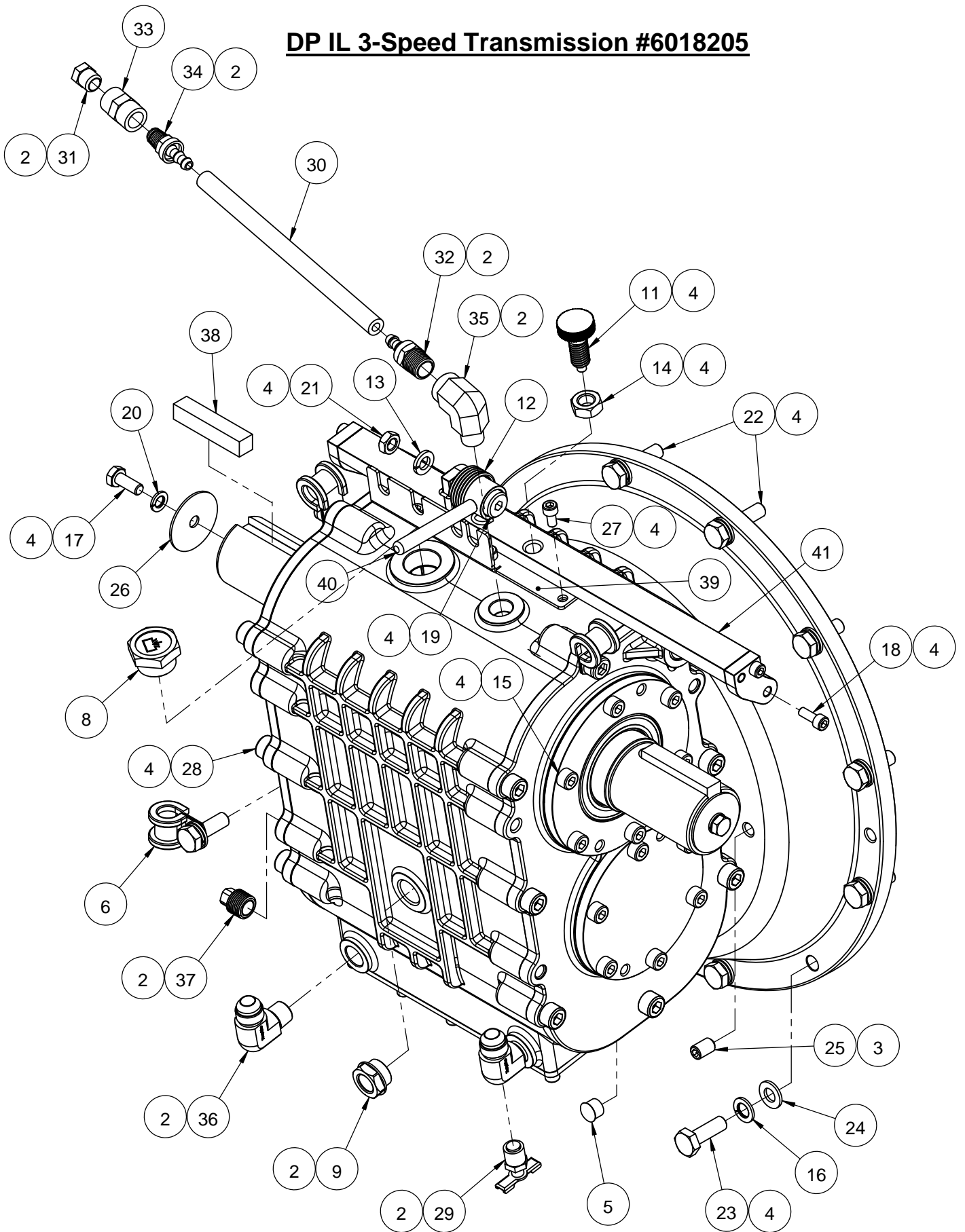
**Blade Shaft Assembly for 3-Speed Saw
#6018230 (SAP# 10993589) (Option A)
or #6018232 (SAP# 10993590) (Option B)**

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2401311	10989508	AR	Loctite #567 Thread Sealant
2	2401316	10989510	AR	Loctite #262 Red
3	2500939	10993181	2	O-Ring, AS568A - 010
4	2501434	10989529	1	Hose Clamp, 5/8" x 3/4" Wide
5	2502046	10989532	AR	Grease, Fuchs Synthetic
6	2503834	10989613	1	Oil Fill Cap
7	2503872	10993209	1	M20 x 1.5 Sight Glass with Reflector
8	2503954	10989620	2qt	Synthetic ATF
9	2800169	969379	1	Magnetic Sensor w/Jam Nut
10	2800892	10993268	1	Temperature Sender 3/8" NPT
11	2900061	966311	2	Grease Fitting, 1/4-28 x 90 Degree
12	2900329	966398	2	Cap Screw, Hex Hd., M8 x 1.25 x 20mm
13	2900330	966399	2	Cap Screw, Hex Hd., M12 x 1.75 x 30mm
14	2900699	10989726	2	Lock Washer, M12 Split
15	2900716	10993315	4	Lock Washer, M16 Split
16	2900763	10993320	2	Lock Washer, M8 Split
17	2900805	10989734	1	Sealing Washer, 5/8"
18	2901357	10993351	2	Flat Washer, M12
19	2901358	10993352	4	Flat Washer, M16
20	2901504	10993372	2	Fender Washer, 5/16 x 1-3/4 x 1/16"
21	2901518	10993373	4	Cap Screw, Hex Hd., M16 x 2 x 65mm
22	3201466	10989797	1	Elbow, 3/8" M. Pipe to 3/8" M. JIC
23	3201668	10989805	2	Elbow, 1/4" M. JIC to 1/8" M. Pipe
24	3201893	10989813	2	Adapter, 1/8" M. Pipe to 1/4" M. JIC
25	3201999	10989823	1	Magnetic Pipe Plug, 3/8" NPT
26	6018187	10993586	2	Key, 1/2" Square x 2-1/2" Long

Service Notes:

1. Change lubricating oil & clean breather vent & pump suction filter every 100 hours.
2. To clear oil lines and check pump flow, disconnect bearing lube lines and place in bucket. Turn ignition switch to ON position & let pump run until clean oil flows from each line.
3. Top off transmission with specified oil (min 50% of sight glass).
4. Relubricate input and bladeshaft seals with 2502046 synthetic grease at least weekly and after power washing.

DP IL 3-Speed Transmission #6018205



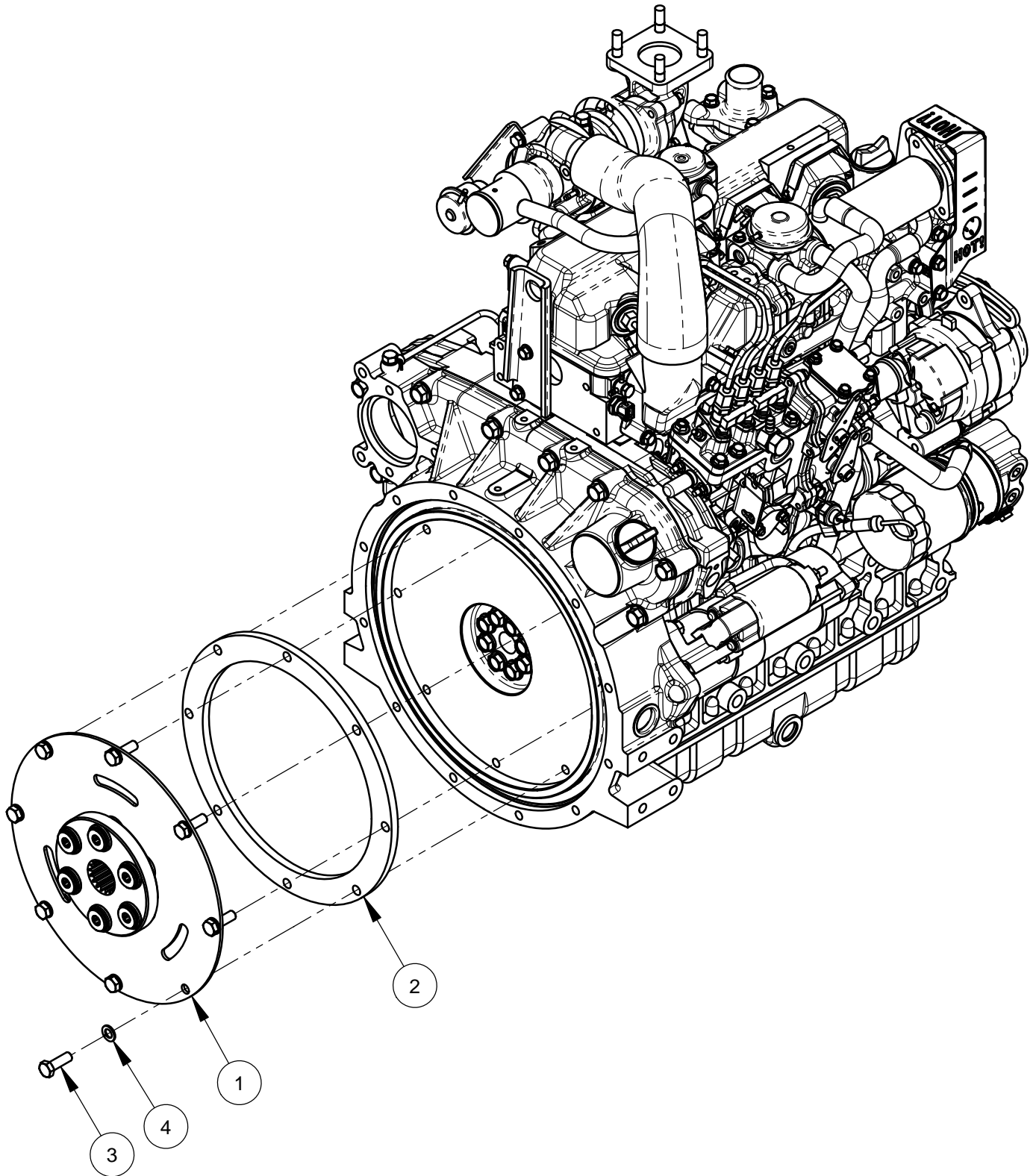
DP IL 3-Speed Transmission #6018205 (SAP# 10993587)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	1801934	10993176	1	3-Speed Shifter Label
2	2401311	10989508	AR	Loctite #567 Thread Sealant
3	2401315	10989509	AR	Loctite #242 Blue
4	2401316	10989510	AR	Loctite #262 Red
5	2500204	966162	1	Plug, 1/2" Hole
6	2501434	10989529	3	Hose Clamp, 5/8" x 3/4" Wide
7	2503829	10990109	AR	Loctite Anti-Seize
8	2503834	10989613	1	Oil Fill Cap
9	2503872	10993209	1	M20 x 1.5 Sight Glass with Reflector
10	2503930	10989618	3qt	Gear Oil, 75W90 Synthetic
11	2503990	10993237	1	Spring Loaded Plunger, 1/2-13
12	2503991	10993238	1	Torsion Spring, .090 x 1.25
13	2900006	966267	1	Lock Washer, 3/8" Split
14	2900129	10986290	1	Jam Nut, 1/2-13
15	2900243	10993286	20	Cap Screw, Soc. Hd., M8 x 1.25 x 20mm
16	2900321	966391	11	Lock Washer, M10 Split
17	2900329	966398	2	Capscrew, Hex Hd., M8 x 1.25 x 20mm
18	2900553	10989717	2	Cap Screw, Soc. Hd., M6 x 1 x 16mm
19	2900587	10993306	1	Shoulder Screw, 1/2" x 1" (3/8-16)
20	2900763	10993320	2	Lock Washer, M8 Split
21	2900782	10989732	1	Jam Nut, 3/8-16
22	2900799	10993325	2	Cap Screw, Hex Hd., M10-1.25 x 40mm
23	2900870	10989746	9	Cap Screw, Hex Hd., M10 x 1.25 x 30mm
24	2901356	10993350	11	Flat Washer, M10
25	2901500	10993371	2	Set Screw, Soc. Hd., M10-1.25 x 16mm
26	2901504	10993372	2	Fender Washer, 5/16 x 1-3/4 x 1/16"
27	2901621	10993374	3	Cap Screw, Soc. Hd., M6 x 1 x 12mm
28	2903166	10993375	24	Cap Screw, Soc. Hd., M10 x 1.5 x 25mm
29	3200035	969769	1	Petcock, 1/4 NPT
30	3200063	10989775	20"	1/4" Pushlok Hose
31	3200067	977427	1	Breather Vent, 1/4" NPT
32	3200070	966442	1	Fitting, 3/8" MNPT to 1/4" Pushlok
33	3201110	10989795	1	Coupling, 1/4" NPT
34	3201270	10989796	1	Fitting, 1/4" MNPT to 1/4" Pushlok
35	3201657	10993387	1	Street Elbow, 3/8" NPT
36	3201886	10993388	2	Elbow, 1/2" MJIC to 3/8" MNPT
37	3201999	10989823	1	Magnetic Pipe Plug, 3/8" NPT
38	6018187	10993586	2	Key, 1/2" Square x 2-1/2" Long
39	6018257	10993591	1	Detent Gate
40	6018258	10993592	1	Shift Lever Assembly
41	6018259	10993593	1	Shift Bracket Assembly

Service Notes:

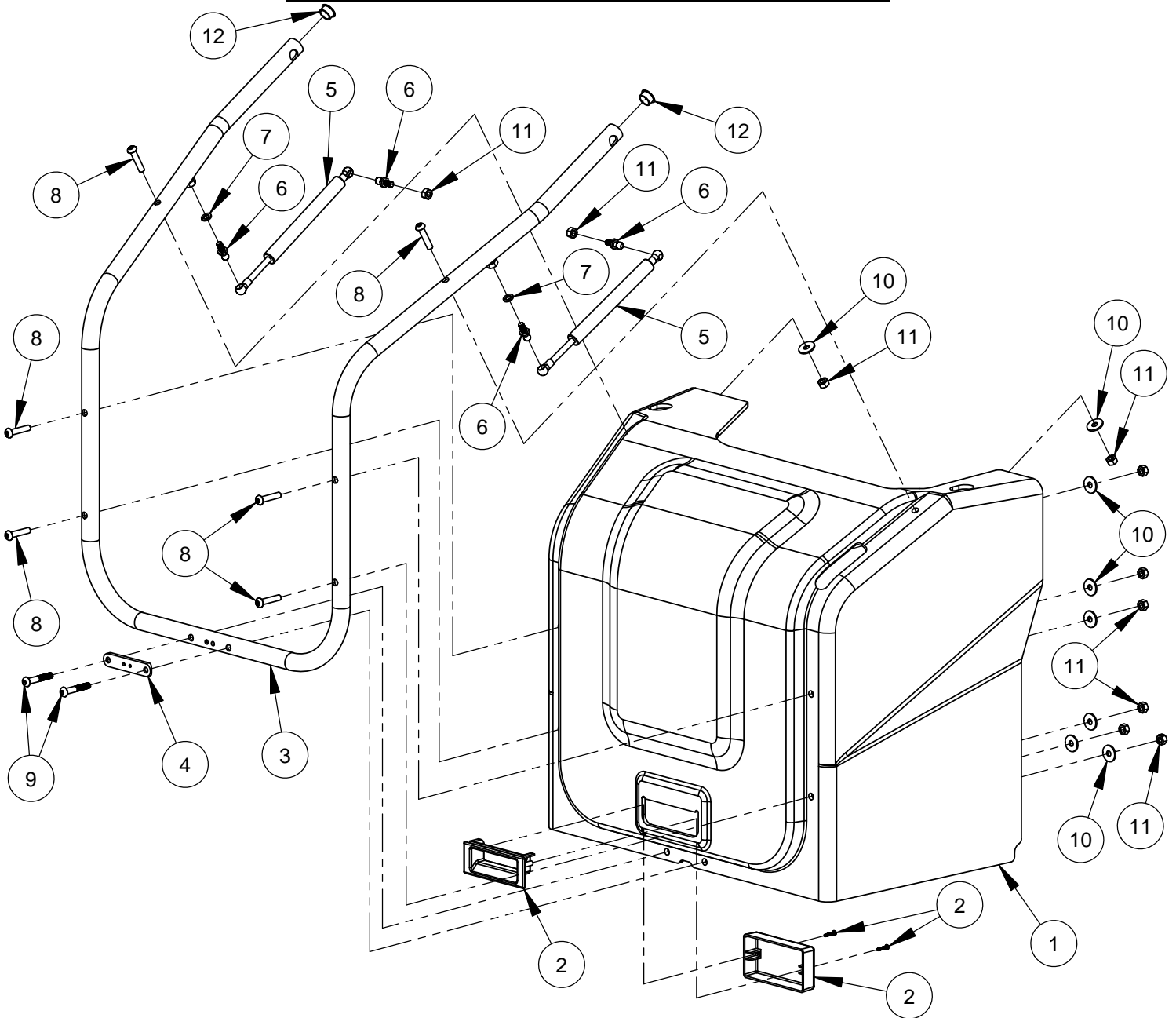
1. Lubricate external splines with 2503829 anti-seize.
2. Change oil & clean breather vent every 100 hours. Refill with specified oil (min 50% of sight glass).
3. Drain water jacket by opening 3200035 petcock and placing saw in lowest cutting position.

Flywheel Coupling Assembly #6017106 (SAP# 10989888)



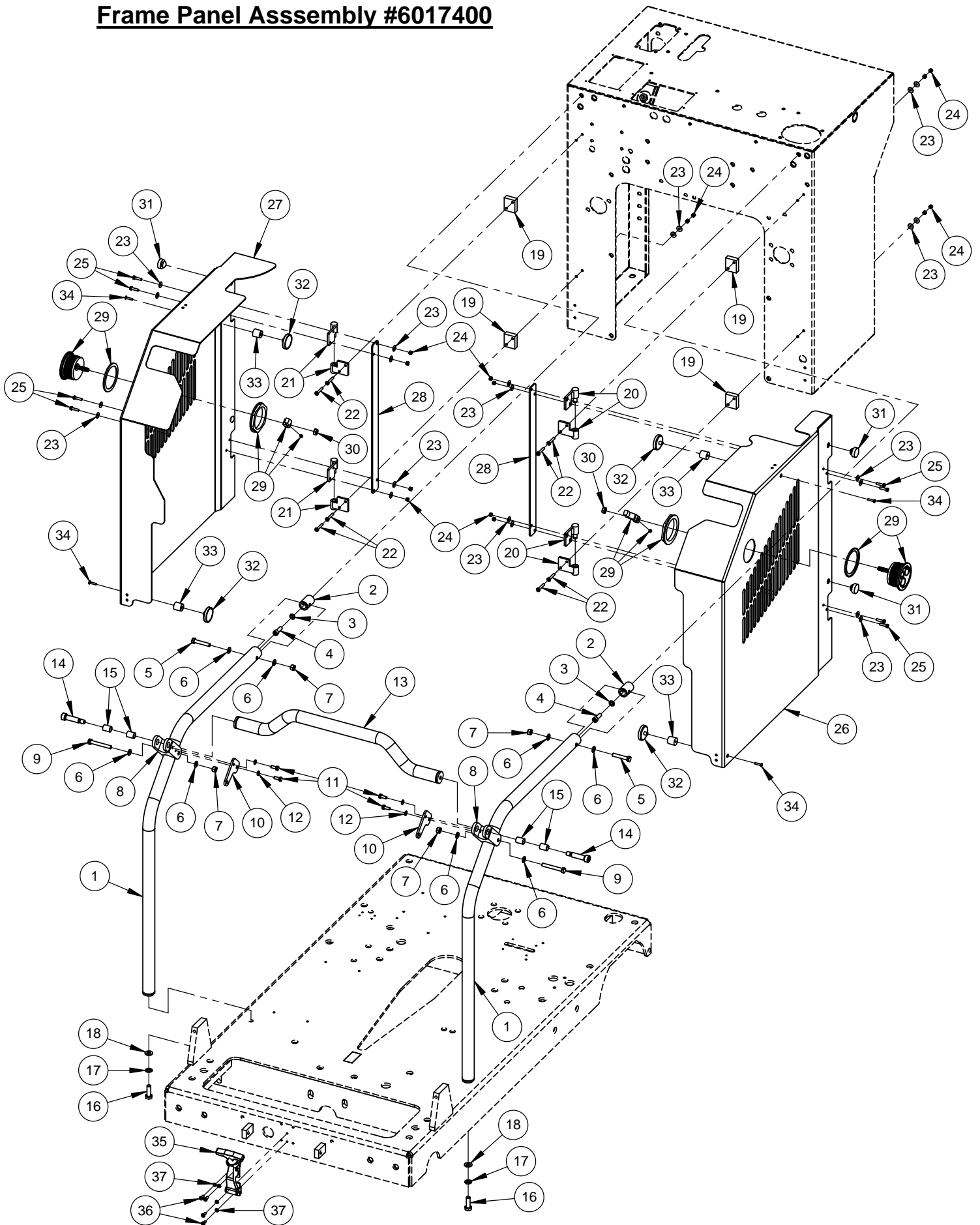
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2502183	10989539	1	Flywheel Coupling
2	6017113	10989889	1	Spacer Ring (SAE #10)
3	2900870	10989746	8	Cap Screw, Hex Hd., M10-1.25 x 30mm
4	2900321	966391	8	Lock Washer, M10 Split

Hood Assembly #6017440 (SAP# 10993602)



ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017362	10993498	1	Hood
2	2503885	10993215	1	Pull Handle, Flush
3	6017365	10993499	1	Hood Tube
4	6017443	10993565	1	Latch Catch
5	2503882	10993212	2	Gas Spring
6	2503883	10993213	4	Ball Stud 10mm (M8-1.25 Thread)
7	2900763	10993320	2	Lock Washer, M8 Split
8	2901381	10993366	6	Cap Screw, Button Hd., M8-1.25 x 40mm
9	2901366	10993358	2	Cap Screw, Button Hd., M8-1.25 x 50mm
10	2900383	10993293	8	Fender Washer, M8
11	2900303	966374	10	Lock Nut, M8-1.25 Nylon Insert
12	2500463	10993177	2	Plug, 3/4" Hole

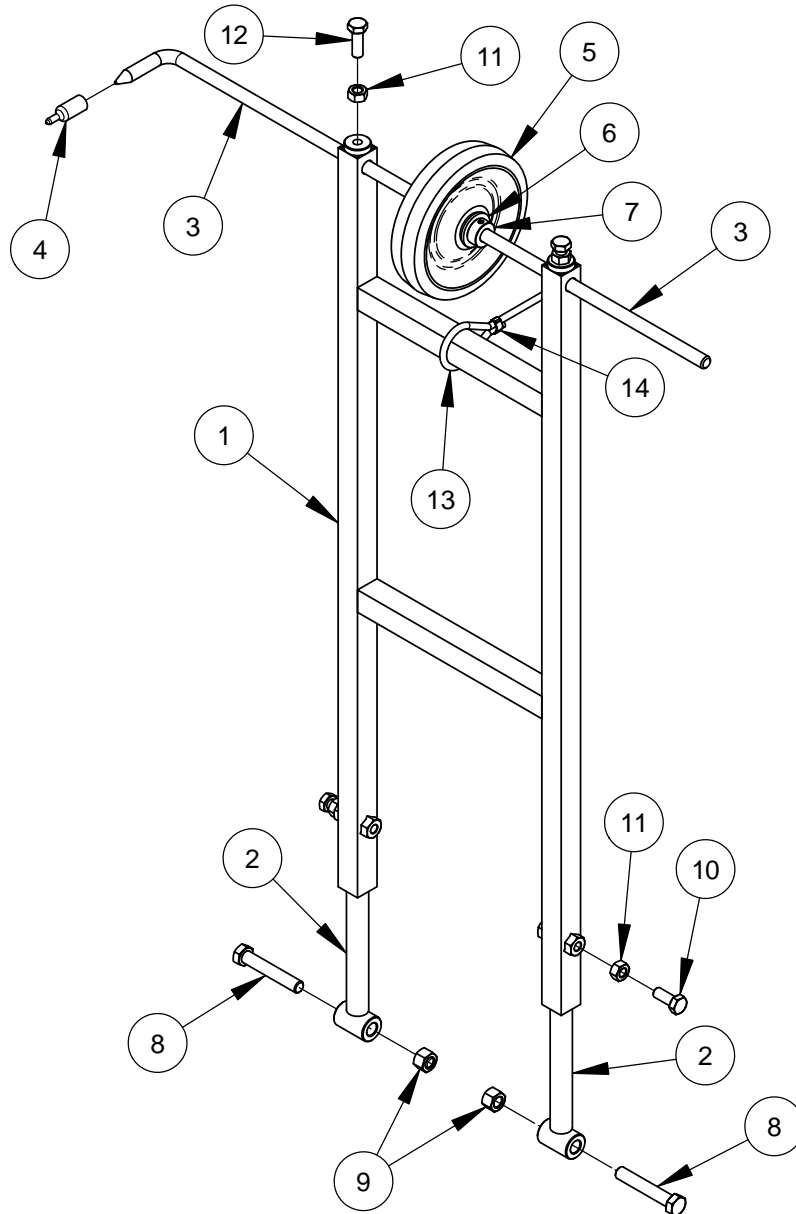
Frame Panel Assembly #6017400



Frame Panel Assembly #6017400 (SAP# 10993527)

ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017368	10993502	2	Panel Tube
2	6017370	10993504	2	Tube Mount Sleeve
3	2900763	10993320	2	Lock Washer, M8 Split
4	2900161	10993281	2	Cap Screw, Soc. Hd., M8-1.25 x 25mm
5	2900336	966405	2	Cap Screw, Hex Hd., M8-1.25 x 45mm
6	2901336	10993335	8	Flat Washer, M8
7	2900303	966374	4	Lock Nut, M8-1.25 Nylon Insert
8	6017366	10993500	2	Tube Link
9	2900747	10993317	2	Cap Screw, Hex Hd., M8-1.25 x 60mm
10	6017367	10993501	2	Gas Spring Mount
11	2900341	10990112	4	Cap Screw, Hex Hd., M6-1.0 x 16mm
12	2900765	10993321	4	Lock Washer, M6 Split
13	6017369	10993503	1	Cross Tube
14	2900931	10993330	2	Shoulder Bolt, 12mm x 40mm (M10-1.5)
15	2503884	10993214	4	Sleeve Bearing, 12mm x 15mm x 20mm
16	2900223	966356	2	Cap Screw, Hex Hd., M10-1.5 x 30mm
17	2900321	966391	2	Lock Washer, M10 Split
18	2901356	10993350	2	Flat Washer, M10
19	6017372	10993505	4	Hinge Spacer
20	2503695	10993203	2	Hinge, Lift-off R.H.
21	2503696	10993204	2	Hinge, Lift-off L.H.
22	2901365	10993357	8	Machine Screw, Pan Hd., M5-0.8 x 30mm
23	2900770	10993323	24	Fender Washer, M5
24	2900301	966372	16	Lock Nut, M5-0.8 Nylon Insert
25	2900309	966379	8	Cap Screw, Hex Hd., M5-0.8 x 20mm
26	6017431	10993556	1	Side Panel, Left
27	6017432	10993557	1	Side Panel, Right
28	6017389	10993520	2	Bridge Bar
29	2503877	10993210	2	Latch Assembly
30	2900782	10989732	2	Jam Nut, 3/8-16
31	2502389	10989554	4	Button Bumper
32	2503988	10993235	4	Magnet Catch, Encased
33	2503989	10993236	4	Bumper, Magnet
34	2901384	10993369	4	Machine Screw, Flat Hd., M4-0.7 x 20mm
35	2501141	10993185	1	Draw Latch
36	2900794	10993324	4	Machine Screw, Pan Hd., M5-0.8 x 12mm
37	2900767	10993322	4	Lock Washer, M5 Split

Front Pointer Assembly #6017426 (SAP# 10993553)



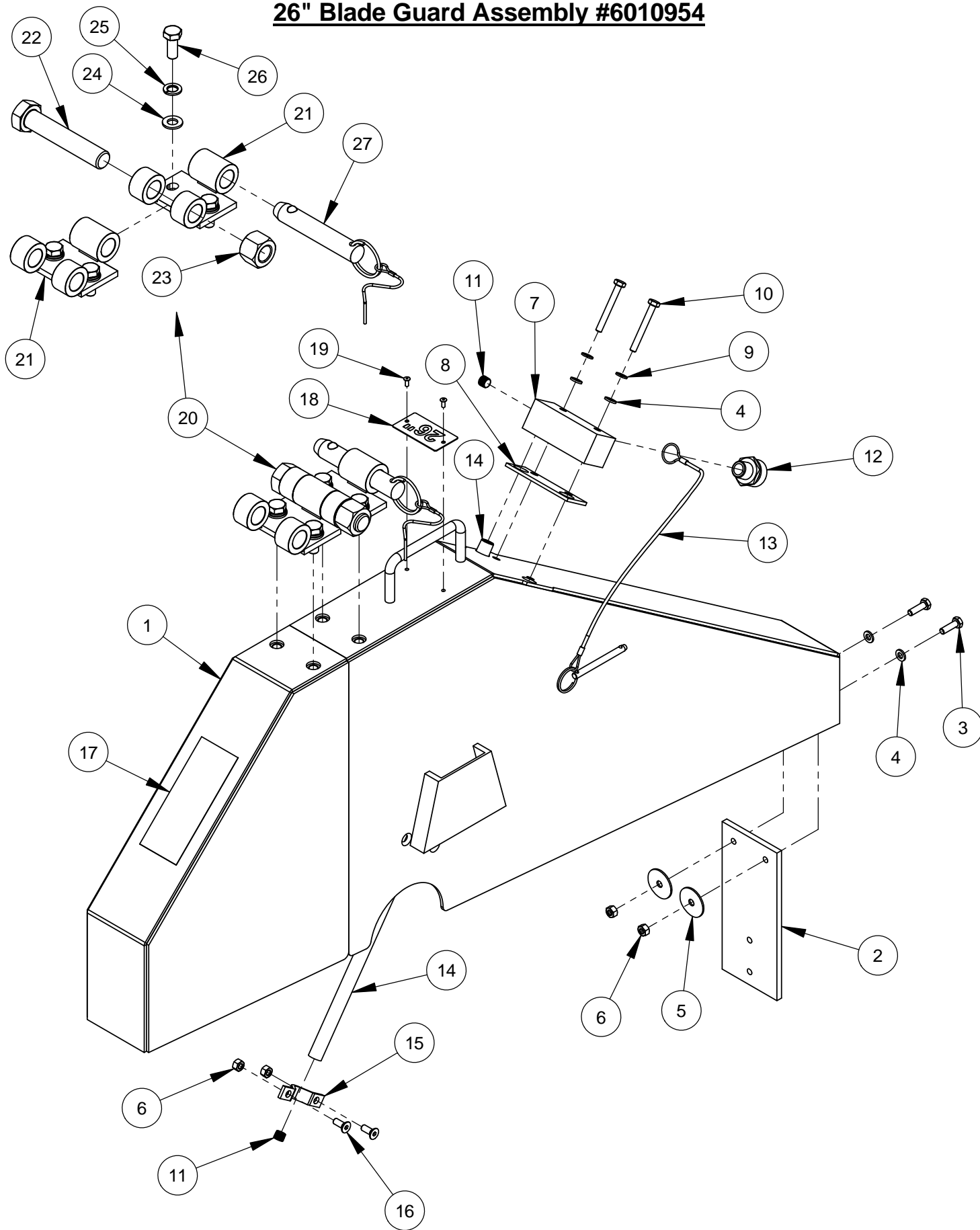
ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6017386	10993518	1	Front Pointer Frame
2	6011152	10989846	2	Front Pointer Arm
3	6013025	966591	1	Front Pointer Rod
4	2500740	10989514	1	Pointer Cap
5	2501409	10988539	1	Wheel, 6"
6	2900127	10989037	2	Flat Washer, 1/2" USS
7	2500007	966119	2	Set Collar, 1/2" with Set Screw
8	2901345	10993341	2	Cap Screw, Hex Hd., M12-1.75 x 70mm
9	2900327	966396	2	Lock Nut, M12-1.75 Nylon Insert
10	2900333	966402	2	Cap Screw, Hex Hd., M10-1.5 x 25mm
11	2900325	966394	4	Hex Nut, M10-1.5
12	2900223	966356	2	Cap Screw, Hex Hd., M10-1.5 x 30mm
13	6017241	10989977	1	Pointer Rope 11 Foot
14	3200221	966467	2	Pinch Clamp, Two Ear

20" Blade Guard Assembly #6010952 (SAP# 10989833)

ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6010603	10989834	1	20" Blade Guard Front & Rear Only
2	6010081	966520	1	Splash Flap
3	2900310	966380	2	Cap Screw, Hex Hd., M6-1.0 x 20mm
4	2901494	10993370	4	Flat Washer, M6
5	2900083	10987846	2	Fender Washer, 1/4" x 1-1/4"
6	2900302	966373	8	Lock Nut, M6-1.0 Nylon Insert
7	6010261	977424	1	Water Manifold
8	2500830	10989515	1	Water Manifold Gasket
9	2901355	10993349	2	Cap Screw, Hex Hd., M6-1.0 x 50mm
10	3200001	966415	3	Plug, 1/8" NPT
11	3200002	962621	1	Fitting, 3/8" M. Pipe to 3/4" M. Garden
12	2900278	10989696	1	Lanyard with Lock Pin
13	6010085	966523	2	Water Tube for 20" Guard
14	6048155	966738	2	Water Tube Clamp
15	2900308	966378	4	Cap Screw, Flat Hd., M6-1.0 x 16mm
16	1800001	10986206	1	Warning Label
17	1801369D	10989499	1	Blade Guard Size Tag
18	2900287	10989699	2	Rivet, 1/8" Dia.
19	6048027	966660	1	Hinge Assembly

ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
20	2500270	966170	1	Blade Guard Hinge
21	2900310	966380	6	Cap Screw, Hex Hd., M6-1.0 x 20mm
22	2901494	10993370	6	Flat Washer, M6
23	2900302	966373	6	Lock Nut, M6-1.0 Nylon Insert

26" Blade Guard Assembly #6010954

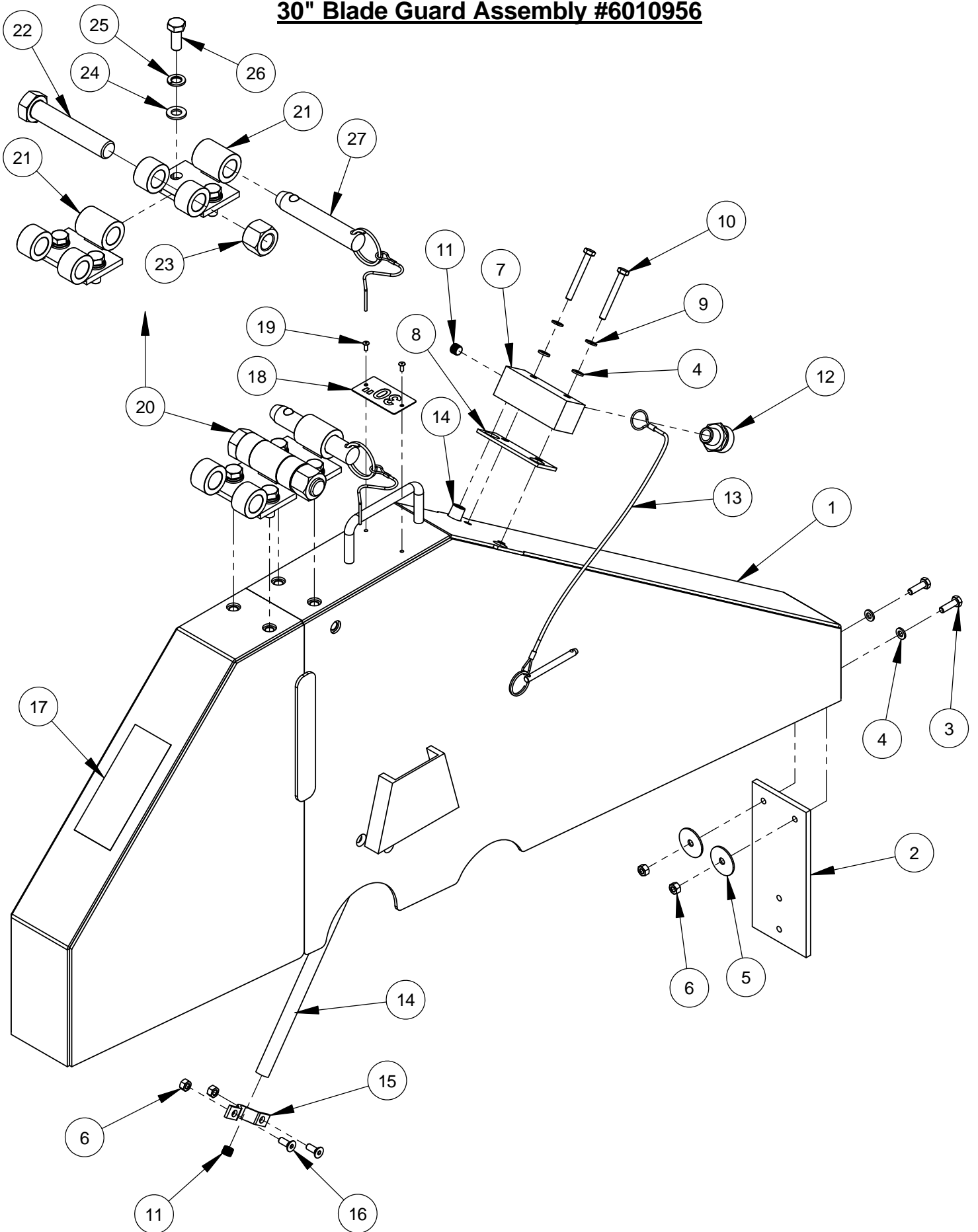


26" Blade Guard Assembly #6010954 (SAP# 10985254)

ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6010955	10993456	1	26" Blade Guard Front & Rear Only
2	6010081	966520	1	Splash Flap
3	2900310	966380	2	Cap Screw, Hex Hd., M6-1.0 x 20mm
4	2901494	10993370	4	Flat Washer, M6
5	2900083	10987846	2	Fender Washer, 1/4" x 1-1/4"
6	2900302	966373	6	Lock Nut, M6-1.0 Nylon Insert
7	6010261	977424	1	Water Manifold
8	2500830	10989515	1	Water Manifold Gasket
9	2900765	10993321	2	Lock Washer, M6 Split
10	2901355	10993349	2	Cap Screw, Hex Hd., M6-1.0 x 50mm
11	3200001	966415	3	Plug, 1/8" NPT
12	3200002	962621	1	Fitting, 3/8" M. Pipe to 3/4" M. Garden
13	2900279	10989697	1	Lanyard with Lock Pin
14	6010086	965309	2	Water Tube for 26" Guard
15	6048155	966738	2	Water Tube Clamp
16	2900308	966378	4	Cap Screw, Flat Hd., M6-1.0 x 16mm
17	1800001	10986206	1	Warning Label
18	1801369F	10989498	1	Blade Guard Size Tag
19	2900287	10989699	2	Rivet, 1/8" Dia.
20	6010873	10993447	1	Universal Hinge Assembly

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
21	6010871	10989844	2	Hinge Weldment, Universal
22	2900479	10988726	1	Cap Screw, Hex Hd., 3/4-10 x 4"
23	2900467	10988727	1	Lock Nut, 3/4-10 Nylon
24	2901356	10993350	4	Flat Washer, M10
25	2900321	966391	4	Lock Washer, M10 Split
26	2900333	966402	4	Cap Screw, Hex Hd., M10-1.5 x 25mm
27	2503824	10989610	1	Detent Pin, 3/4" x 3" Grip

30" Blade Guard Assembly #6010956

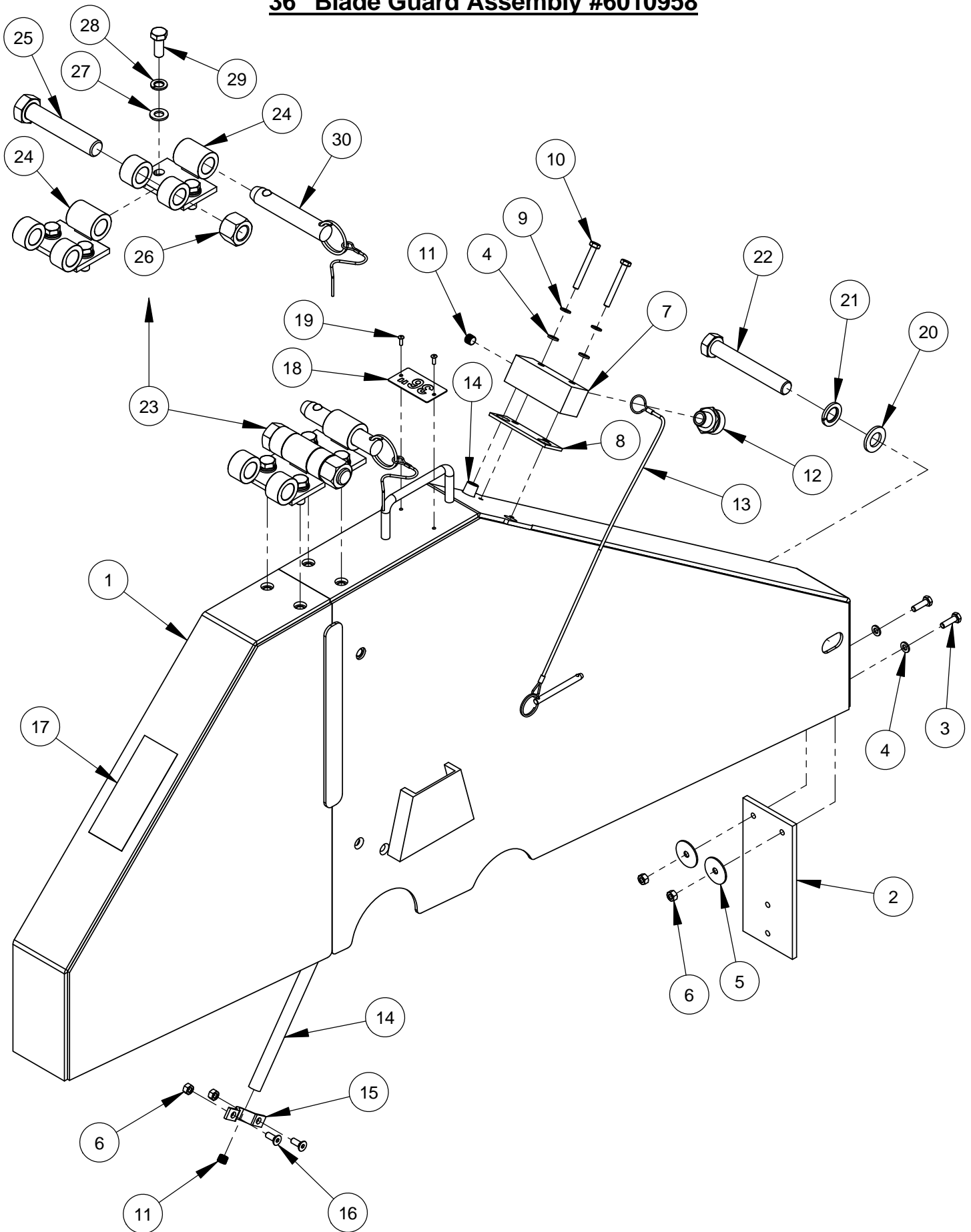


30" Blade Guard Assembly #6010956 (SAP# 10989836)

ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6010957	10993457	1	30" Blade Guard Front & Rear Only
2	6010081	966520	1	Splash Flap
3	2900310	966380	2	Cap Screw, Hex Hd., M6-1.0 x 20mm
4	2901494	10993370	4	Flat Washer, M6
5	2900083	10987846	2	Fender Washer, 1/4" x 1-1/4"
6	2900302	966373	6	Lock Nut, M6-1.0 Nylon Insert
7	6010261	977424	1	Water Manifold
8	2500830	10989515	1	Water Manifold Gasket
9	2900765	10993321	2	Lock Washer, M6 Split
10	2901355	10993349	2	Cap Screw, Hex Hd., M6-1.0 x 50mm
11	3200001	966415	3	Plug, 1/8" NPT
12	3200002	962621	1	Fitting, 3/8" M. Pipe to 3/4" M. Garden
13	2900279	10989697	1	Lanyard with Lock Pin
14	6010087	966525	2	Water Tube for 30" Guard
15	6048155	966738	2	Water Tube Clamp
16	2900308	966378	4	Cap Screw, Flat Hd., M6-1.0 x 16mm
17	1800001	10986206	1	Warning Label
18	1801369G	10990110	1	Blade Guard Size Tag
19	2900287	10989699	2	Rivet, 1/8" Dia.
20	6010873	10993447	1	Universal Hinge Assembly

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
21	6010871	10989844	2	Hinge Weldment, Universal
22	2900479	10988726	1	Cap Screw, Hex Hd., 3/4-10 x 4"
23	2900467	10988727	1	Lock Nut, 3/4-10 Nylon
24	2901356	10993350	4	Flat Washer, M10
25	2900321	966391	4	Lock Washer, M10 Split
26	2900333	966402	4	Cap Screw, Hex Hd., M10-1.5 x 25mm
27	2503824	10989610	1	Detent Pin, 3/4" x 3" Grip

36" Blade Guard Assembly #6010958



36" Blade Guard Assembly #6010958 (SAP# 10989838)

ITEM	PART NO.	SAP NO.	QTY.	DESCRIPTION
1	6010959	10993458	1	36" Blade Guard Front & Rear Only
2	6010081	966520	1	Splash Flap
3	2900310	966380	2	Cap Screw, Hex Hd., M6-1.0 x 20mm
4	2901494	10993370	4	Flat Washer, M6
5	2900083	10987846	2	Fender Washer, 1/4" x 1-1/4"
6	2900302	966373	6	Lock Nut, M6-1.0 Nylon Insert
7	6010261	977424	1	Water Manifold
8	2500830	10989515	1	Water Manifold Gasket
9	2900765	10993321	2	Lock Washer, M6 Split
10	2901355	10993349	2	Cap Screw, Hex Hd., M6-1.0 x 50mm
11	3200001	966415	3	Plug, 1/8" NPT
12	3200002	962621	1	Fitting, 3/8" M. Pipe to 3/4" M. Garden
13	2900280	10989184	1	Lanyard with Lock Pin
14	6010088	966526	2	Water Tube for 36" Guard
15	6048155	966738	2	Water Tube Clamp
16	2900308	966378	4	Cap Screw, Flat Hd., M6-1.0 x 16mm
17	1800001	10986206	1	Warning Label
18	1801369H	10989501	1	Blade Guard Size Tag
19	2900639	10989721	2	Rivet, 1/8" Dia.
20	2901358	10993352	1	Flat Washer, M16
21	2900716	10993315	1	Lock Washer, M16 Split
22	2901349	10993343	1	Cap Screw, Hex Hd., M16-2.0 x 110mm
23	6010873	10993447	1	Universal Hinge Assembly

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
24	6010871	10989844	2	Hinge Weldment, Universal
25	2900479	10988726	1	Cap Screw, Hex Hd., 3/4-10 x 4"
26	2900467	10988727	1	Lock Nut, 3/4-10 Nylon
27	2901356	10993350	4	Flat Washer, M10
28	2900321	966391	4	Lock Washer, M10 Split
29	2900333	966402	4	Cap Screw, Hex Hd., M10-1.5 x 25mm
30	2503824	10989610	1	Detent Pin, 3/4" x 3" Grip

42" Blade Guard Assembly #6010960 (SAP# 10985287)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6010961	10993459	1	42" Blade Guard Front & Rear Only
2	6010081	966520	1	Splash Flap
3	2900310	966380	2	Cap Screw, Hex Hd., M6-1.0 x 20mm
4	2901494	10993370	4	Flat Washer, M6
5	2900083	10987846	2	Fender Washer, 1/4" x 1-1/4"
6	2900302	966373	6	Lock Nut, M6-1.0 Nylon Insert
7	6048123	969159	1	Water Manifold
8	2500829	10987222	1	Water Manifold Gasket
9	2900765	10993321	2	Lock Washer, M6 Split
10	2901355	10993349	2	Cap Screw, Hex Hd., M6-1.0 x 50mm
11	3200001	966415	3	Plug, 1/8" NPT
12	3200002	962621	1	Fitting, 3/8" M. Pipe to 3/4" M. Garden
13	2900280	10989184	1	Lanyard with Lock Pin
14	6010114	966545	2	Water Tube for 42" Guard
15	6048155	966738	2	Water Tube Clamp
16	2900308	966378	4	Cap Screw, Flat Hd., M6-1.0 x 16mm
17	1800001	10986206	1	Warning Label
18	1801369I	10989502	1	Blade Guard Size Tag
19	2900639	10989721	2	Rivet, 1/8" Dia.
20	2901358	10993352	1	Flat Washer, M16
21	2900716	10993315	1	Lock Washer, M16 Split
22	2901349	10993343	1	Cap Screw, Hex Hd., M16-2.0 x 110mm
23	6010873	10993447	1	Universal Hinge Assembly

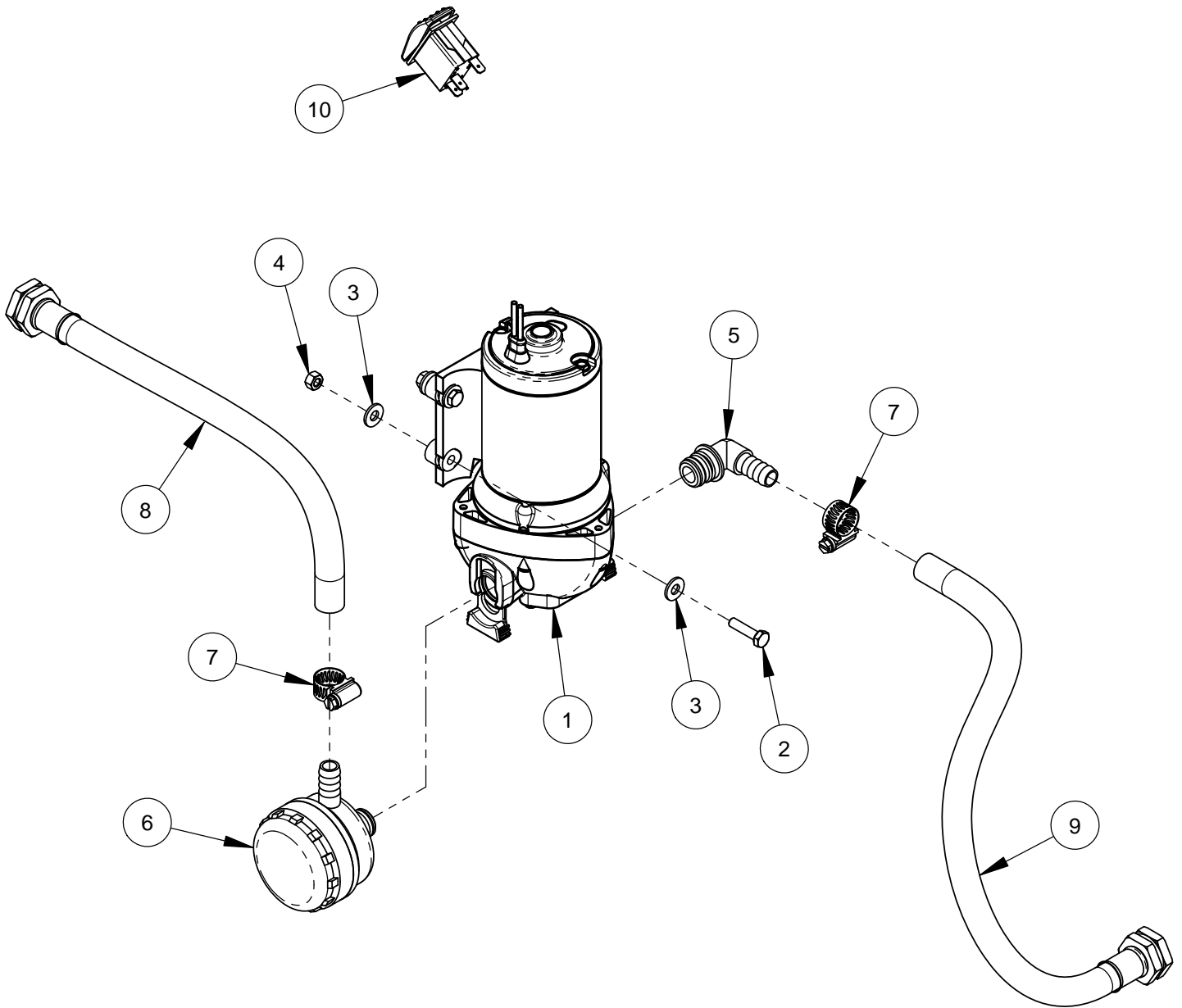
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
24	6010871	10989844	2	Hinge Weldment, Universal
25	2900479	10988726	1	Cap Screw, Hex Hd., 3/4-10 x 4"
26	2900467	10988727	1	Lock Nut, 3/4-10 Nylon
27	2901356	10993350	4	Flat Washer, M10
28	2900321	966391	4	Lock Washer, M10 Split
29	2900333	966402	4	Cap Screw, Hex Hd., M10-1.5 x 25mm
30	2503824	10989610	1	Detent Pin, 3/4" x 3" Grip

48" Blade Guard Assembly #6010962 (SAP# 10988744)

ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	6010963	10993460	1	48" Blade Guard Front & Rear Only
2	6010081	966520	1	Splash Flap
3	2900310	966380	2	Cap Screw, Hex Hd., M6-1.0 x 20mm
4	2901494	10993370	4	Flat Washer, M6
5	2900083	10987846	2	Fender Washer, 1/4" x 1-1/4"
6	2900302	966373	6	Lock Nut, M6-1.0 Nylon Insert
7	6048123	969159	1	Water Manifold
8	2500829	10987222	1	Water Manifold Gasket
9	2900765	10993321	2	Lock Washer, M6 Split
10	2901355	10993349	2	Cap Screw, Hex Hd., M6-1.0 x 50mm
11	3200001	966415	3	Plug, 1/8" NPT
12	3200002	962621	1	Fitting, 3/8" M. Pipe to 3/4" M. Garden
13	2900281	10989698	1	Lanyard with Lock Pin
14	6010115	966546	2	Water Tube for 48" Guard
15	6048155	966738	2	Water Tube Clamp
16	2900308	966378	4	Cap Screw, Flat Hd., M6-1.0 x 16mm
17	1800001	10986206	1	Warning Label
18	1801369J	10989503	1	Blade Guard Size Tag
19	2900639	10989721	2	Rivet, 1/8" Dia.
20	2901358	10993352	1	Flat Washer, M16
21	2900716	10993315	1	Lock Washer, M16 Split
22	2901349	10993343	1	Cap Screw, Hex Hd., M16-2.0 x 110mm
23	6010873	10993447	1	Universal Hinge Assembly

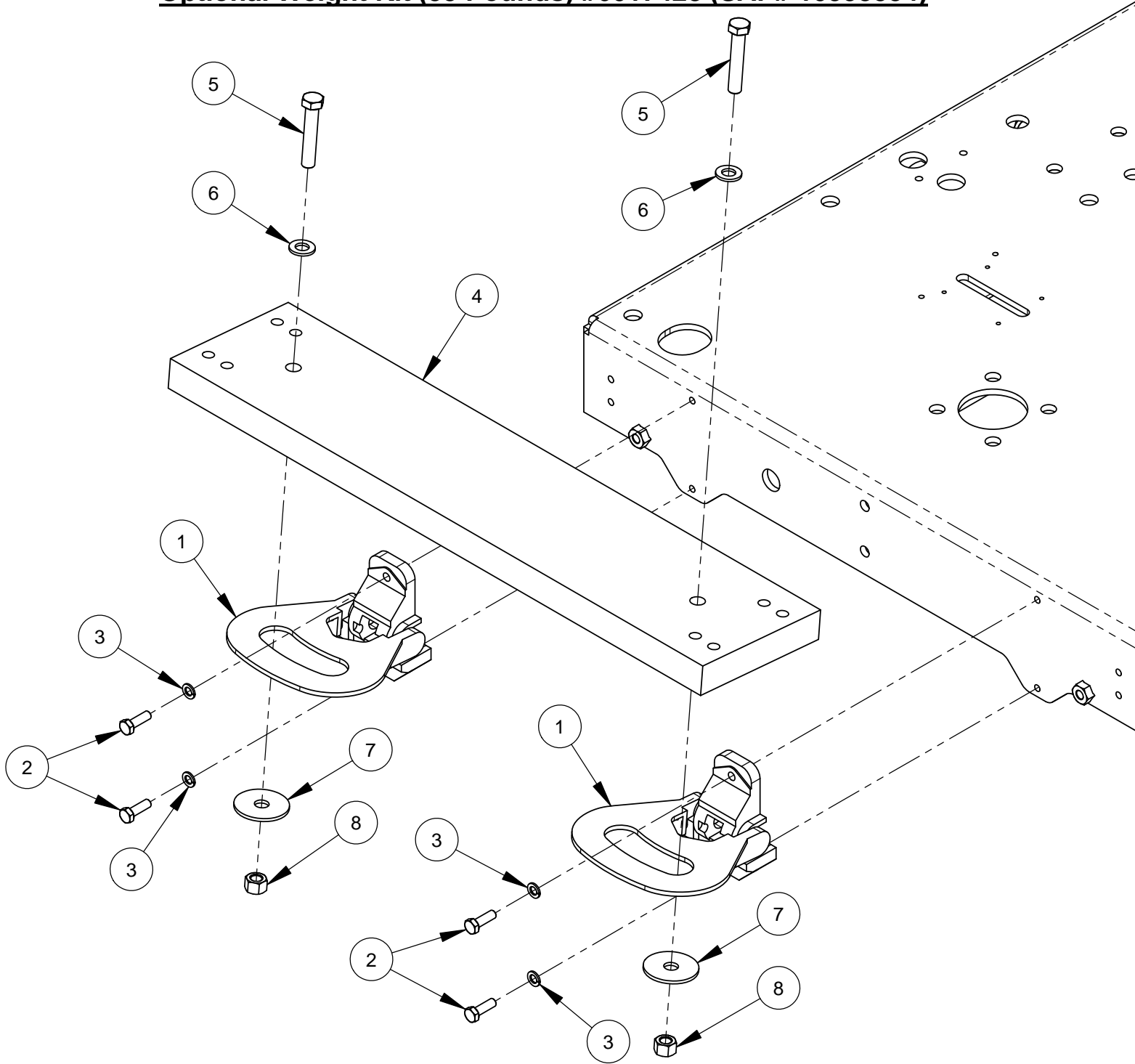
ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
24	6010871	10989844	2	Hinge Weldment, Universal
25	2900479	10988726	1	Cap Screw, Hex Hd., 3/4-10 x 4"
26	2900467	10988727	1	Lock Nut, 3/4-10 Nylon
27	2901356	10993350	4	Flat Washer, M10
28	2900321	966391	4	Lock Washer, M10 Split
29	2900333	966402	4	Cap Screw, Hex Hd., M10-1.5 x 25mm
30	2503824	10989610	1	Detent Pin, 3/4" x 3" Grip

Optional Water Pump Assembly #6017183 (SAP# 10989944)



ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2600655	10993242	1	Water Pump, 12V Diaphragm
2	2900311	966381	4	Cap Screw, Hex Hd., M6-1.0 x 25mm
3	2900009	966270	8	Flat Washer, 1/4" SAE
4	2900302	966373	4	Lock Nut, M6-1.0 Nylon Insert
5	2701694	10989626	1	Port Fitting, 1/2" Barb x 90 Degree
6	2703198	10989628	1	Inlet Strainer
7	3200016	966420	2	Hose Clamp #8
8	6017195	10989960	1	Water Hose Assembly 14"
9	6010303	10989829	1	Water Hose Assembly 60"
10	2800808	10989667	1	Rocker Switch

Optional Weight Kit (55 Pounds) #6017428 (SAP# 10993554)



ITEM	PART NO.	SAP NO.	QTY	DESCRIPTION
1	2503798	10989603	2	Foot Rest, Folding
2	2900360	10993291	4	Cap Screw, Hex Hd., M8-1.25 x 25mm
3	2900763	10993320	4	Lock Washer, M8 Split
4	6013042	966605	1	Saw Weight, 55 Pound
5	2900359	10993290	2	Cap Screw, Hex Hd., M12-1.75 x 65mm
6	2901357	10993351	2	Flat Washer, M12
7	2900854	10989742	2	Fender Washer, 1/2" x 2"
8	2900327	966396	2	Lock Nut, M12-1.75 Nylon Insert