



Parts Manual

Model: 1560

Covers Serial Number Range:

848-S-56TCG9Y2*03848 through _____

Sold & Serviced By:

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Contents

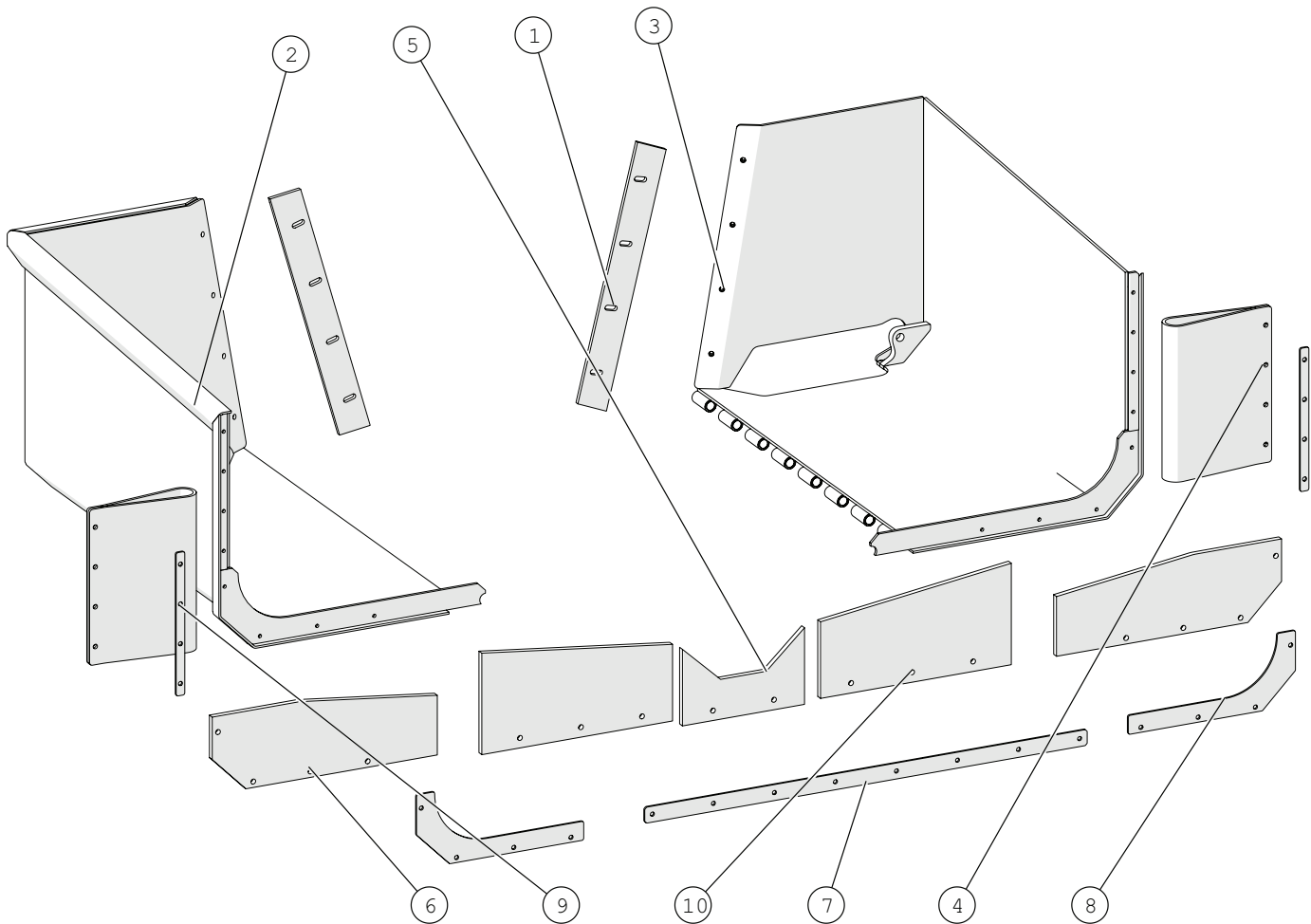
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Quick Order List

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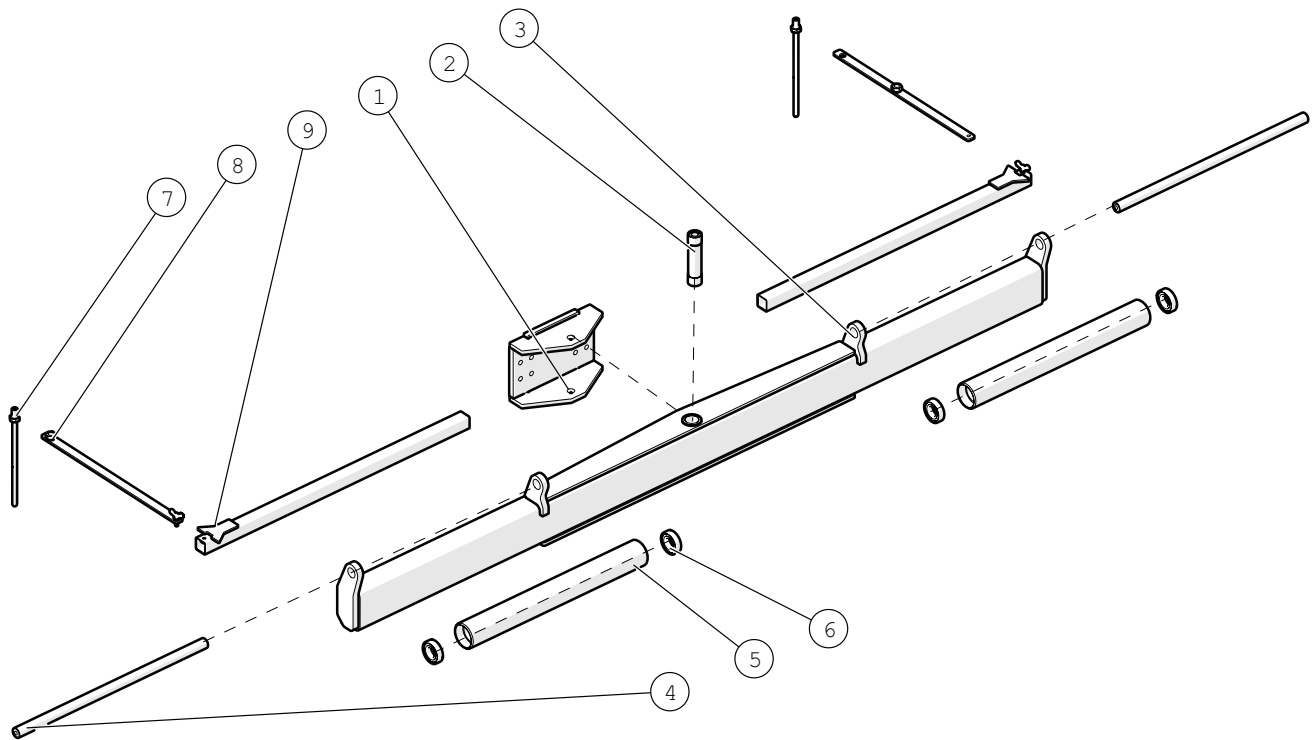
Quick Order List

BOM ID	Part Number	Description	Quantity
1	112-302080	Auger Bearing Support Assembly	4
2	015-0045	Auger Coupling Chain	4
3	015-0154	Auger Coupling Half	4
4	092-0014	Auger, Lower (LH)	1
5	092-0013	Auger, Lower (RH)	1
6	112-200541	Auger, Upper (LH)	1
7	112-200540	Auger, Upper (RH)	1
8	050-0648	Cable, Steering	2
9	050-0522	Cap (Fuel Tank)	1
10	050-0522	Cap (Wash Down Tank)	1
11	093-0406	Conveyor Chain	2
12	015-0258	Conveyor Chain Bar	24
13	015-0259	Conveyor Chain Rivet	48
14	024-0230	Decal Kit	1
15	021-0240	Filter, Air Main	1
16	021-0241	Filter, Air Pre-Cleaner	1
17	021-0242	Filter, Engine Oil	1
18	021-0246	Filter, Fuel	1
19	021-0169	Filter, Hydraulic Oil	2
20	093-408756	Plastic, Hopper Outter	2
21	093-408620	Plastic, Hopper Inner	2
22	093-408622	Plastic, Front Center	1
23	093-408838	Plastic, Hopper Scraper	2
24	091-100776	Push Roller	2
25	020-0213	Screed Heat Strip	2
26	020-0548	Screed Temp Sensor	1
27	112-209308	Screed Plate	1
28	112-209330	Extension Wear Plate	2
29	050-0361	Spray Nozzle	2

Hopper and Plastic

Plastic and Hopper

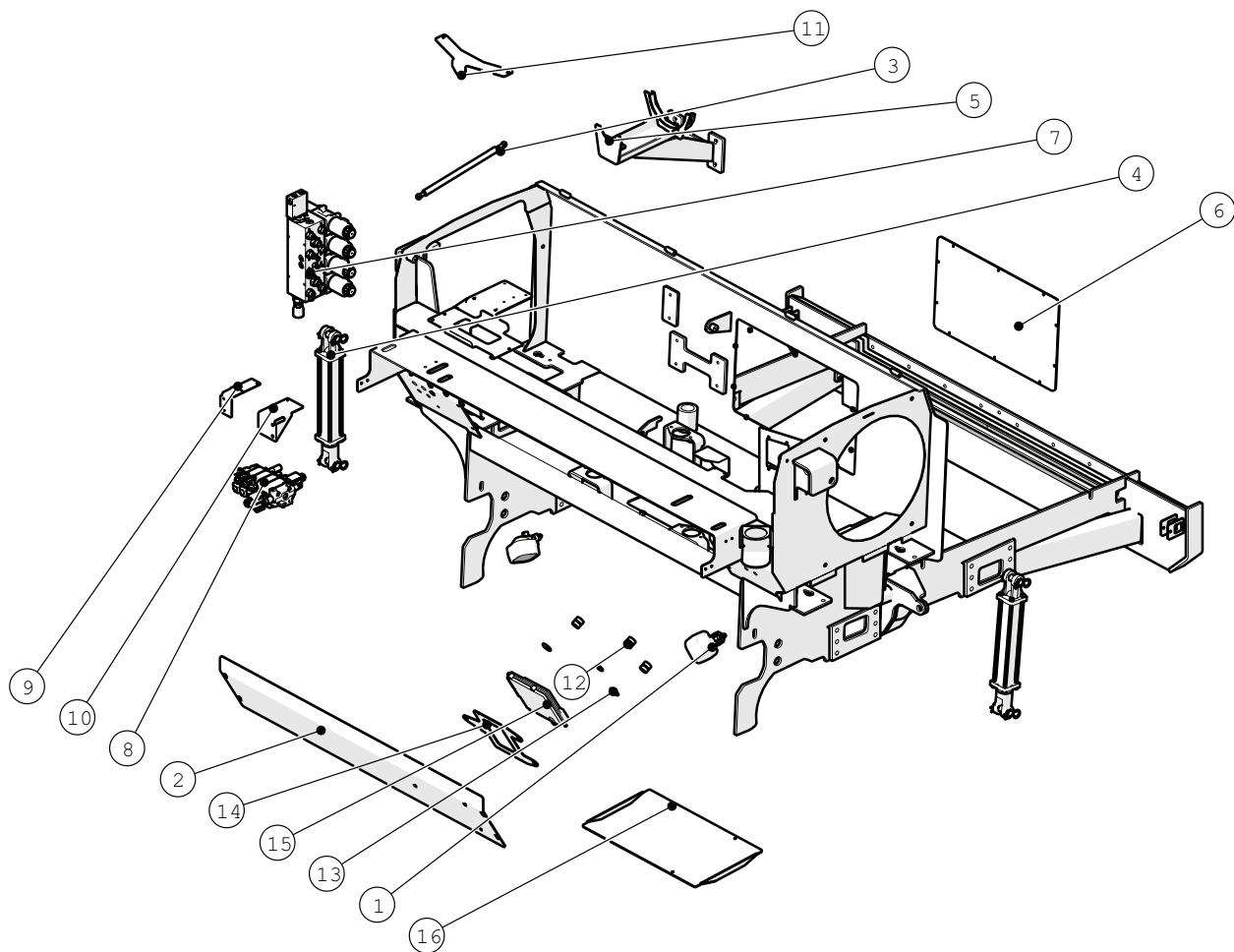
BOM ID	Part Number	Description	Qty
1	093-408838	HOPPER REAR PLASTIC WIPER	2
2	092-204400	HOPPER WELDMENT RH	1
3	092-204401	HOPPER WELDMENT LH	1
4	093-408756	HOPPER SIDE FLAPS	2
5	093-408621	HOPPER PLASTIC	1
6	093-408758	HOPPER FRONT SIDE PLASTIC	2
7	093-100748	HOPPER PLASTIC PANEL MOUNTING STRIP	1
8	093-408832	RETAINER FRONT SIDE LOWER PLASTIC	2
9	093-408830	RETAINER HOPPER SIDE RUBBER FLAP	2
10	093-408620	HOPPER PLASTIC FRONT SIDE	2

Push Beam and Sight Gauge

Push Beam and Sight Gauge

BOM ID	Part Number	DESCRIPTION	Qty
1	092-408574	PUSH BEAM BRACKET	1
2	091-104306	PUSH BEAM PIVOT BUSHING	1
3	092-100512	PUSH BEAM WELDMENT	1
4	093-100778	PUSH ROLLER SHAFT	2
5	093-100776	PUSH ROLLER ASSEMBLY	2
6	018-0010	PUSH ROLLER REPLACEMENT BEARING	4
7	093-204632	SIGHT GAUGE ROD	2
8	093-204628	GUIDE ARM SIGHT GAUGE	2
9	092-204634	SIGHT GAUGE EXT TUBE	2

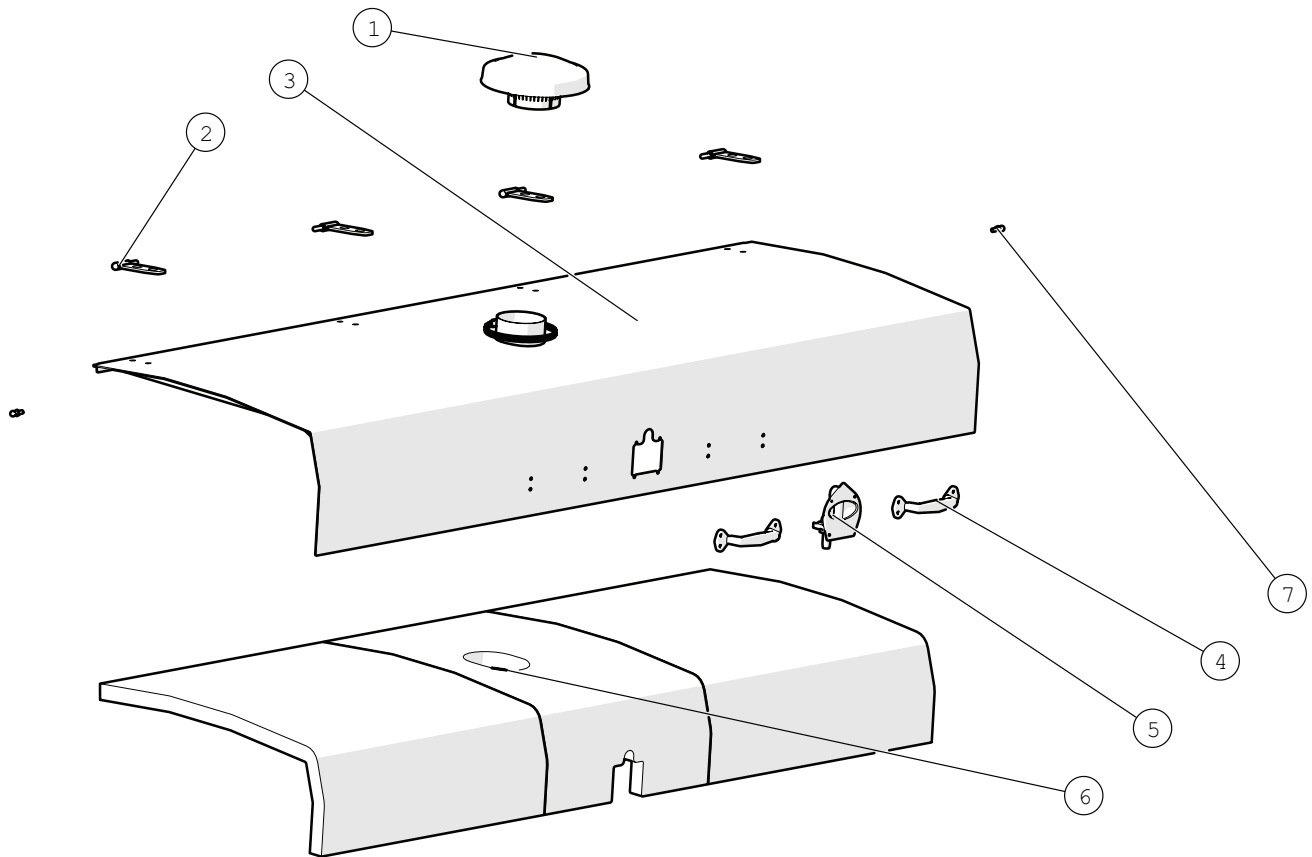
Engine Compartment



Engine Compartment

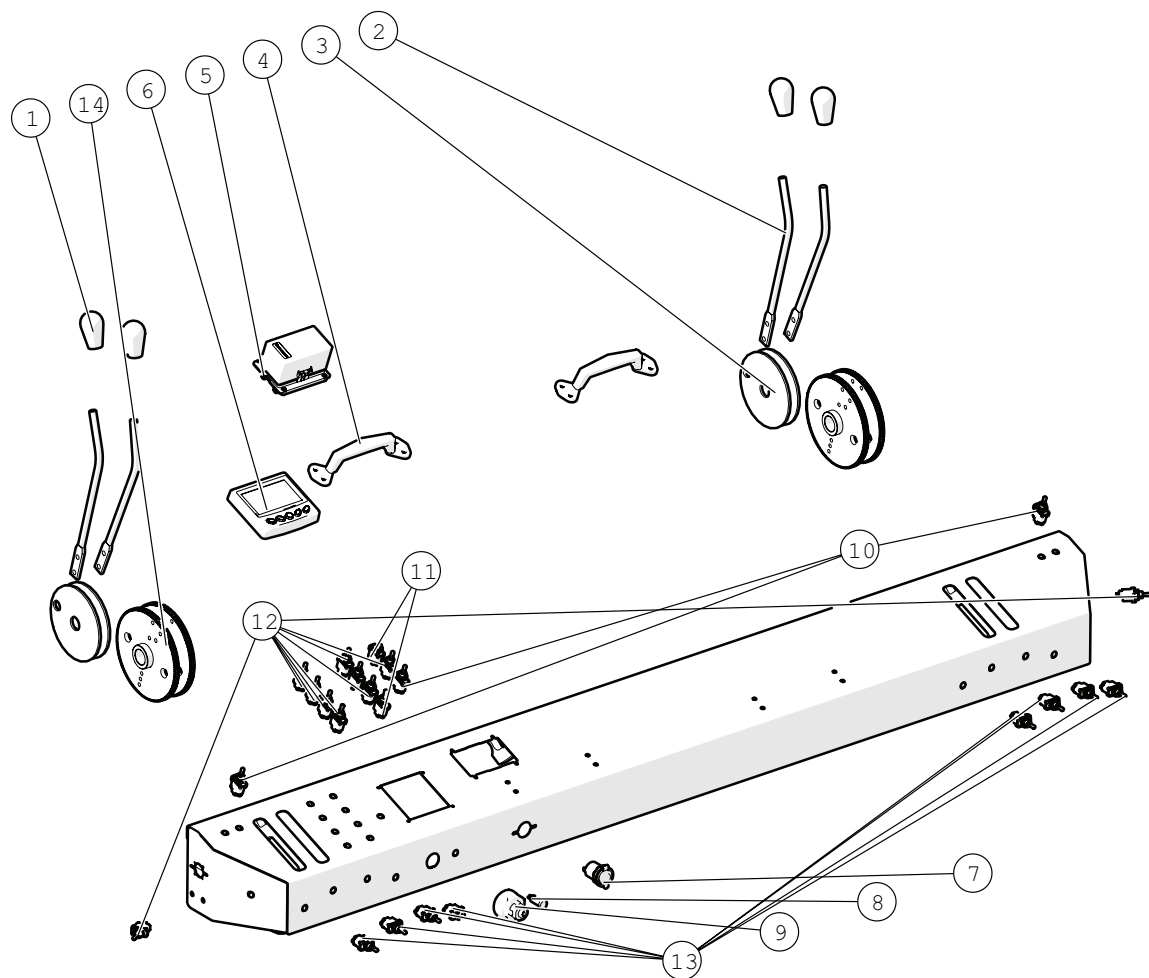
BOM ID	PART NUMBER	DESCRIPTION	Qty
1	020-0491	WORK LIGHT 12V	2
2	093-207054	REAR PANEL	1
3	050-0881	STRUT HOOD	1
4	012-0065	CYLINDER SCREED HEIGHT	2
5	092-207180	CATALYTIC CONVERTOR BRACKET WELDMENT	1
6	093-207094	FRONT COVER PLATE	1
7	017-0155	4 STATION MANIFOLD	1
8	017-0283	VALVE BANK 4 STATION	1
9	093-204442	BRACKET VALVE BANK LH	1
10	093-204440	BRACKET VALVE BANK RH	1
11	093-207378	BATTERY TIE DOWN	1
12	050-0859	RUBBER ISOLATOR	3
13	050-0860	WASHER	3
14	093-207107	BRACKET COMPUTER MOUNT	1
15	010-0810	ENGINE COMPUTER	1
16	092-207096	ENGINE COMPARTMENT BOTTOM AC- CESS WELDEMENT	1

Hood Assembly

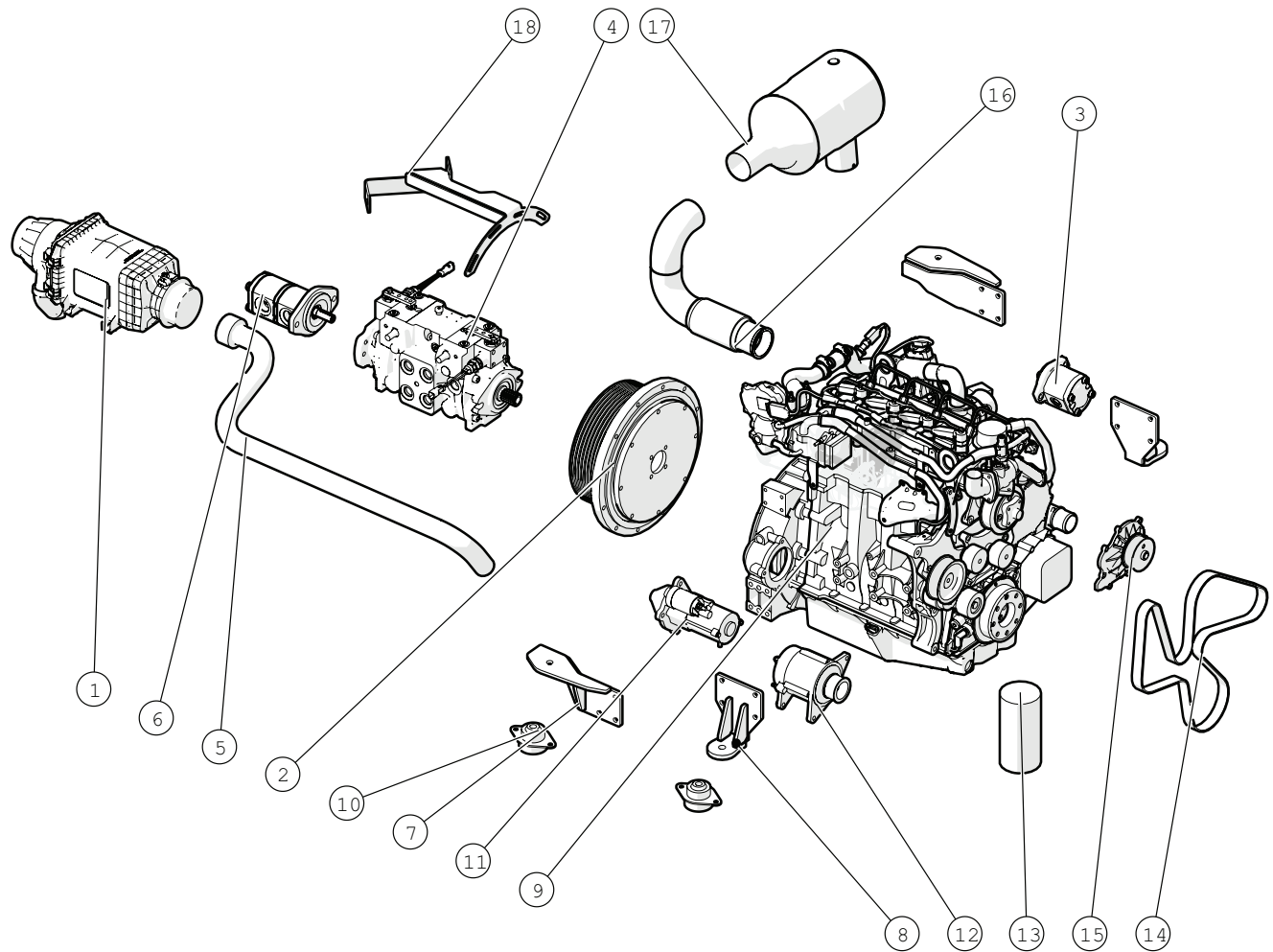


Hood Assembly

BOM ID	Part Number	Description	Qty
1	050-0814	4.5" RAIN CAP	1
2	092-204086	HINGE	4
3	092-204080	WELDMENT HOOD	1
4	050-0205	GRAB HANDLE	2
5	050-0660	LOCKING HANDLE	1
6	027-204081	INSULATION	1
7	050-0659	MOUNTING BALL STUD	2



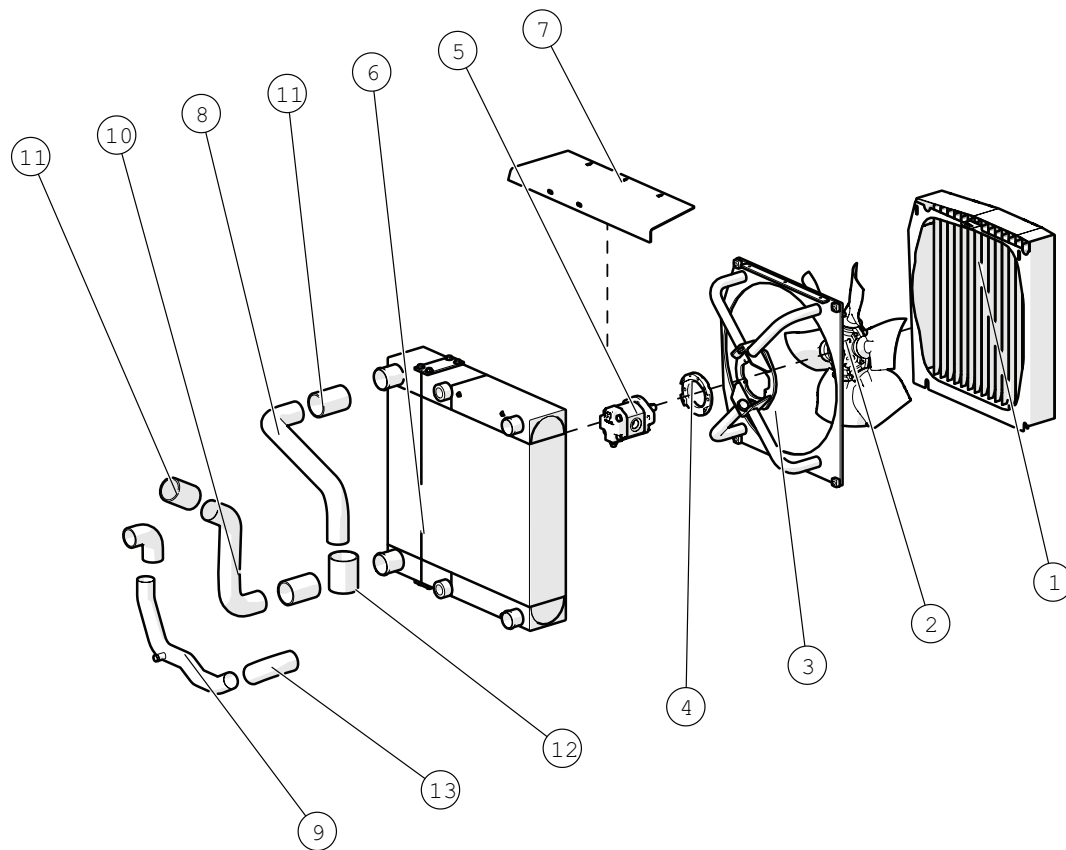
BOM ID	PART NUMBER	DESCRIPTION	Qty
1	050-0388	ROD END PLASTIC HANDLE	4
2	093-0318	LEVER	4
3	015-0229	PLASTIC DISC	4
4	050-0205	CHROME GRAB HANDLE	2
5	020-0476	FUSE CIRCUIT BREAKER BASE	1
6	020-0905	DIGITAL DISPLAY	1
7	020-109474	USB DUAL CHARGER	1
8	020-0140	RED INDICATOR LIGHT	1
9	020-0156	IGNITION KEY ASSEMBLY	1
10	020-0395	SWITCH 3 POS MOMENTARY(HOPPER/ RPM)	3
11	020-0423	SWITCH 2 POS MOMENTARY (HORN/REV CONVEYOR)	2
12	020-0405	SWITCH 2 POS ON/OFF	9
13	020-0083	SWITCH 3POS (AUGER/CONVEYOR)	8
14	093-100074	GEAR ALUMINUM	4
(Not Shown)	050-0648	DRIVE CABLE	2
(Not Shown)	050-0372	CONNECTOR AUTO AUGER	2
(Not Shown)	020-0480	CIRCUIT BREAKER 20A	10
(Not Shown)	020-0481	RELAY 12v	2

Engine Assembly

Engine Assembly

BOM ID	PART NUMBER	DESCRIPTION	Qty
1	010-0803	AIR CLEANER ASSEMBLY	1
2	020-0877	GENERATOR	1
3	011-0152B	GEAR PUMP HYDRAULIC	1
4	011-0268	TANDEM DRIVE PUMP	1
5	093-207006	AIR INTAKE PIPE	1
6	011-0269	PUMP HYDRAULIC TANDEM	1
7	092-207040	ENGINE MOUNT WELDEMENT REAR RIGHT	1
8	092-207030	ENGINE MOUNT WELDEMENT FRONT	2
9	092-207041	ENGINE MOUNT WELDEMENT REAR LEFT	1
10	050-0789	RUBBER ISOLATOR	4
11	010-0804	STARTER	1
12	010-0805	ALTERNATOR	1
13	021-0242	OIL FILTER	1
14	010-0806	BELT ENGINE	1
15	010-0807	WATER PUMP	1
16	093-207005	EXHAUST DOWNPIPE	1
17	010-0808	EXHAUST DOC	1
18	092-207104	MUFFLER MOUNT WELDEMENT	1
19	021-0240	FILTER AIR PRIMARY	1
20	021-0241	FILTER AIR SECONDARY	1
(Not Shown)	020-207100	WIRING HARNESS ENGINE	1

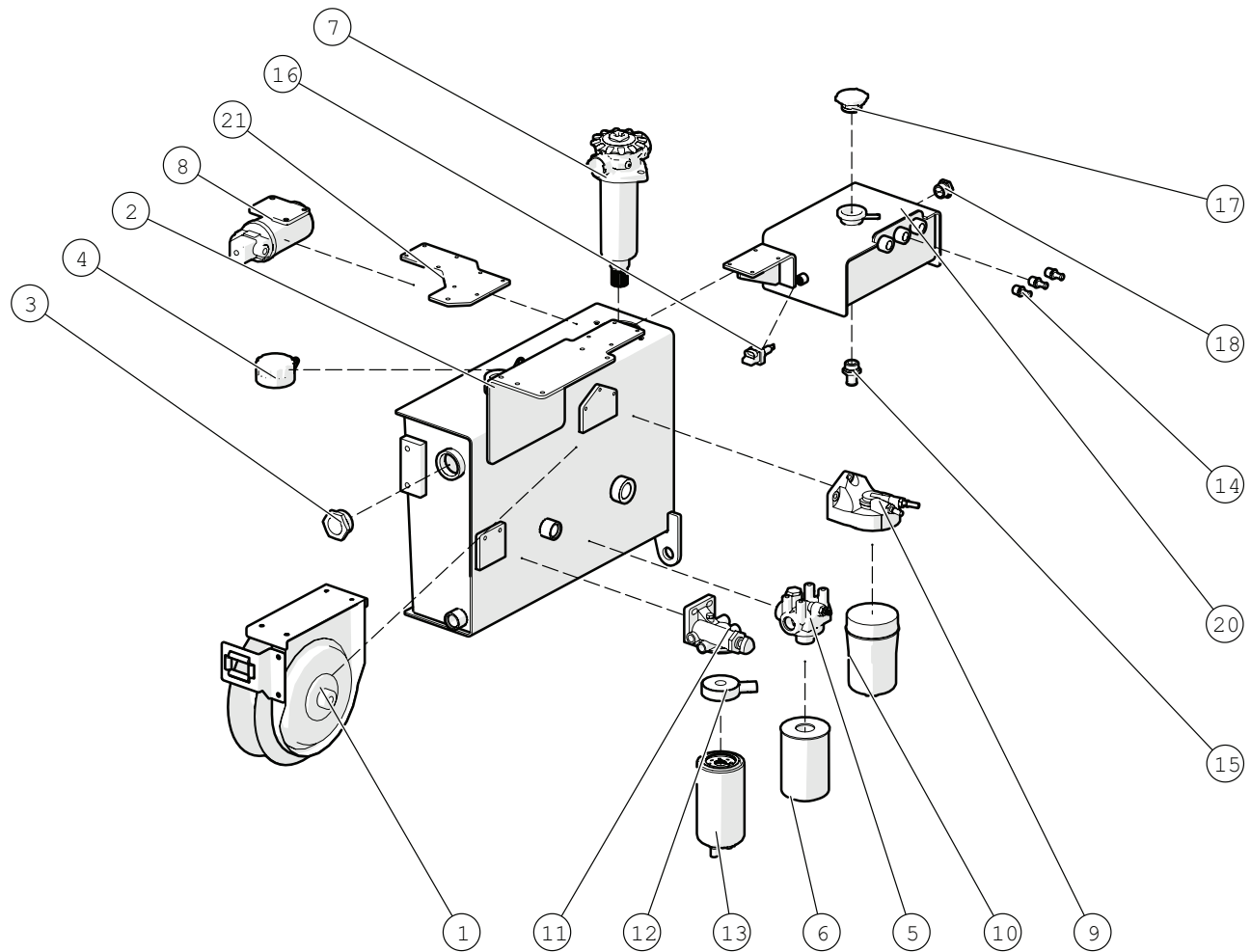
Engine Cooling Assembly



Engine Cooling Assembly

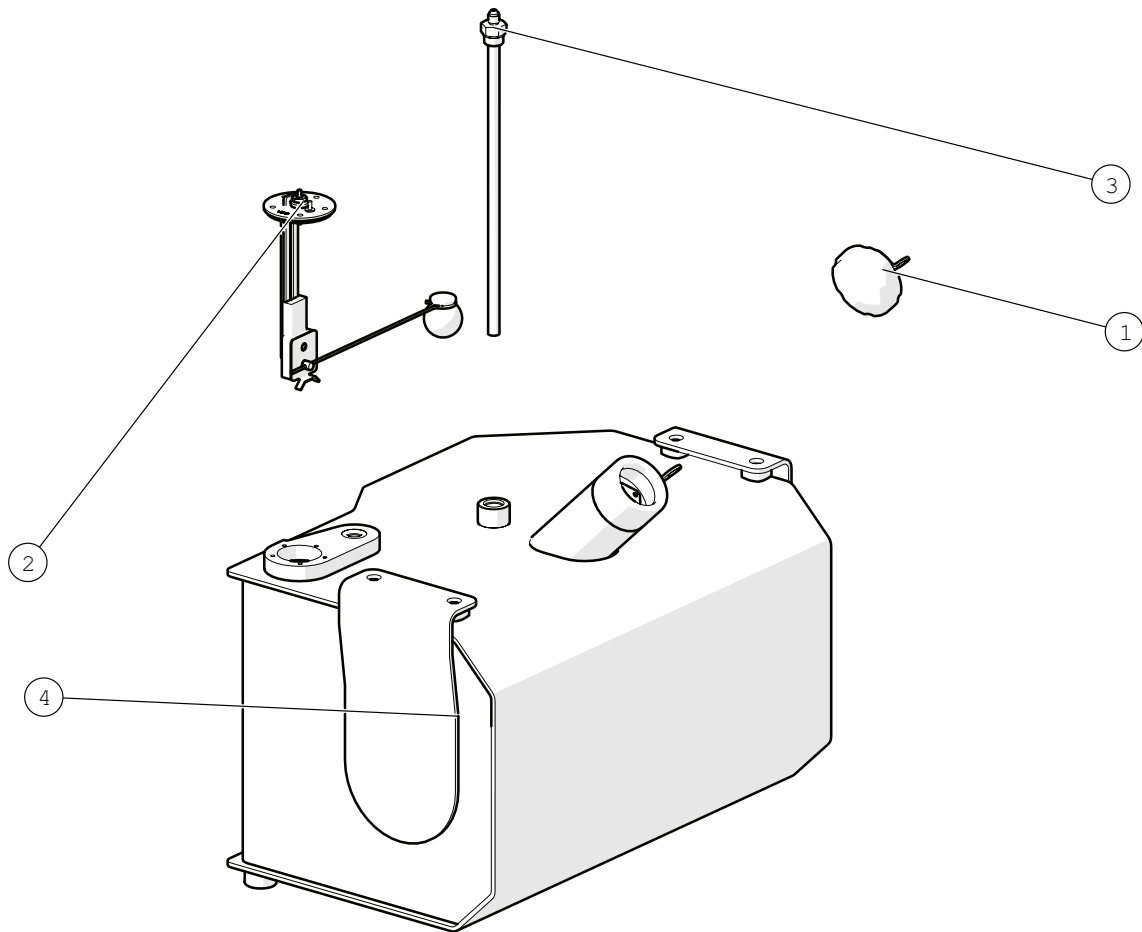
BOM ID	PART NUMBER	DESCRIPTION	Qty
1	092-207110	COOLER FAN LOUVER WELDEMENT	1
2	050-204004	FANY ASSEMBLY	1
3	092-207330	COOLER FAN BRACKET WELDEMENT	1
4	093-408336	MOUNT FAN MOTOR	1
5	013-0103	MOTOR FAN	1
6	050-204000	COOLER ASSEMBLY	1
7	093-207338	FAN SHROUD TOP PANEL	1
8	093-207001	CHARGE PIPE HOT SIDE	1
9	093-207004	COOLANT PIPE LOWER	1
10	093-207002	CHARGE PIPE COLD SIDE	1
11	010-0618	COUPLER SILICONE 2.5in	3
12	010-0619	COUPLER REDUCING 2.5in to 3in	1
13	014-0483	COUPLER 2in 90degree	2

Hydraulic Oil Tank



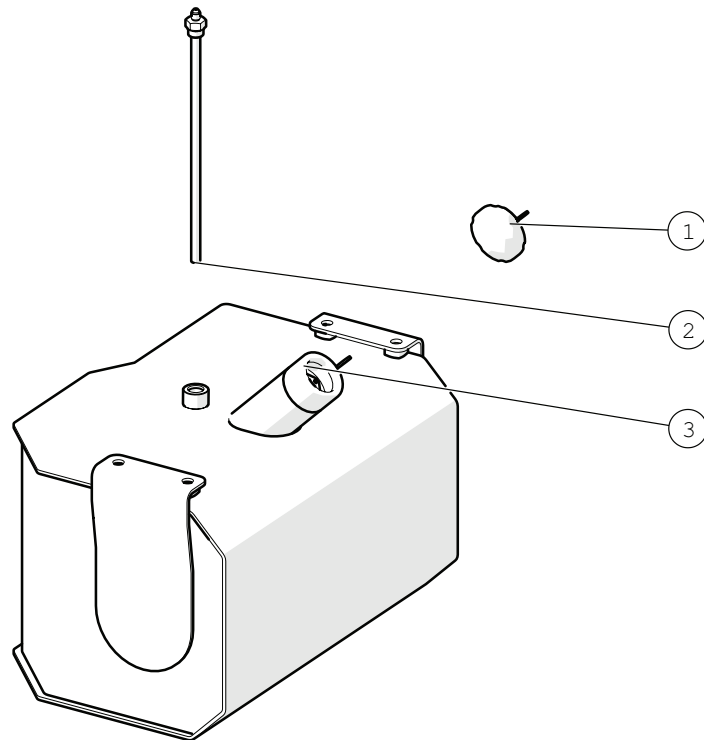
Hydraulic Oil Tank

BOM ID	PART NUMBER	DESCRIPTION	Qty
1	050-0344	SPRAY WAND HOSE REEL	1
2	092-204126	HYDRAULIC TANK WELDMENT	1
3	060-0066	SIGHT GLASS Lenz p/n LSW-A24-R	1
4	060-0069	TANK CAP	1
5	021-0233	FILTER HEAD HYDRAULIC	1
6	021-0169	HYDRAULIC OIL FILTER	1
7	020-0238	FILTER HYDRAULIC IN TANK	1
8	011-0231	WASH DOWN FLUID PUMP	1
9	021-0249	HEAD FILTER FUEL	1
10	021-0246	FILTER FUEL	1
(Not Shown)	021-0246-1	O-RING FUEL FILTER	1
11	021-0250	HEAD FILTER WATER SEP	1
12	021-0250-1	FUEL HEATER	1
13	024-0248	FILTER WATER SEPERATOR	1
14	019-0247	BARB FITTING 3/8 to 3/8	3
15	019-0258	BARB FITTING 3/4 to 3/4	1
16	020-0832	SENSOR COOLANT OVER FLOW	1
17	010-0574	RADIATOR COOLANT TANK CAP	1
18	060-0068	SIGHT GLASS #8 SAE O-RING BOSS FITTING	1
20	092-207360	COOLANT OVERFLOW TANK WELDMENT	1
21	093-204158	WASHDOWN PUMP BRACKET	1

Fuel Tank

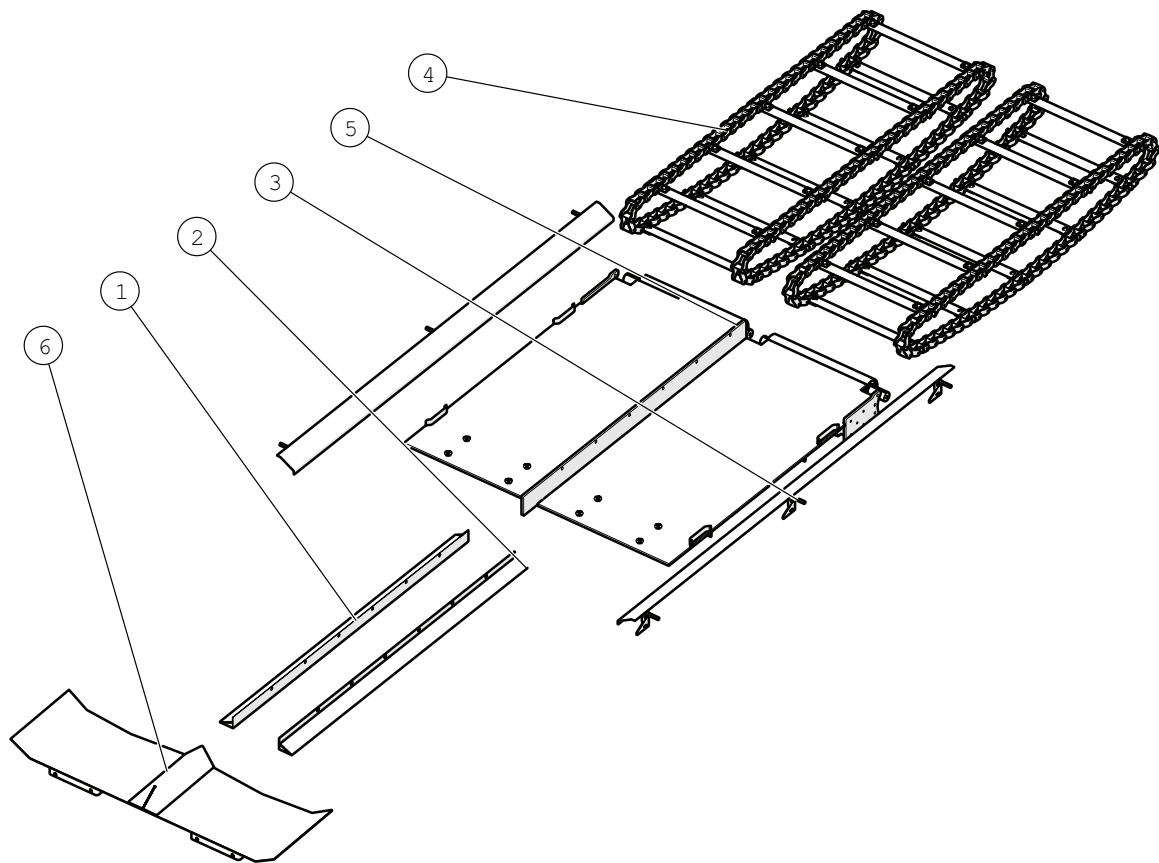
Fuel Tank

BOM ID	Part Number	Description	Qty
1	050-0522	Cap Fuel Locking	1
2	020-0174	Sender Fuel	1
3	092-202300	Fuel Pick up Tube	1
4	092-204116	Fuel Tank Weldment	1

Wash Down Tank

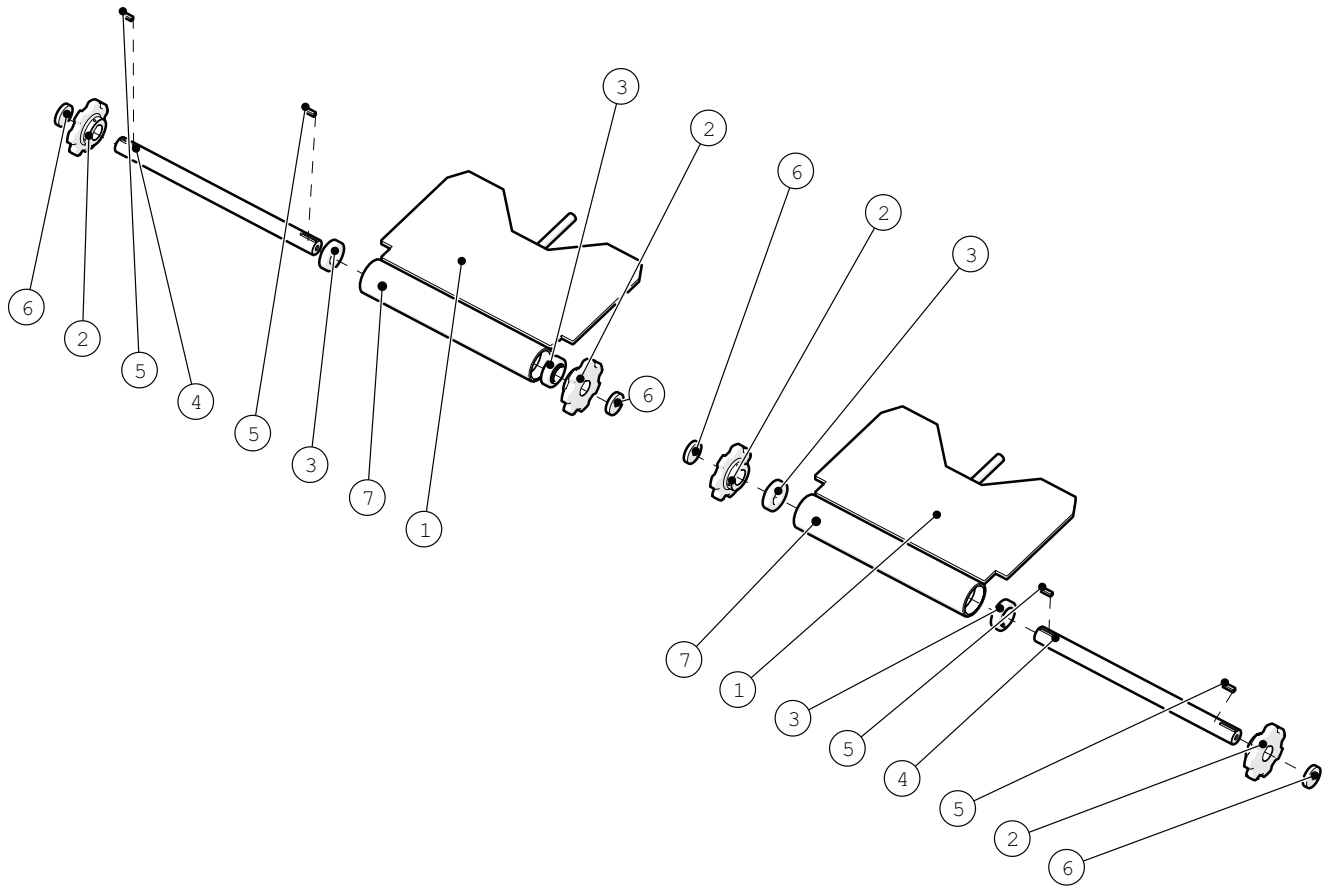
Wash Down Tank

BOM ID	Part Number	Description	Qty
1	050-0522	Cap Wash Down Locking	1
2	092-202300	Wash Down Pick up Tube	1
3	092-204116	Wash Down Tank	1

Flight Chain Deck

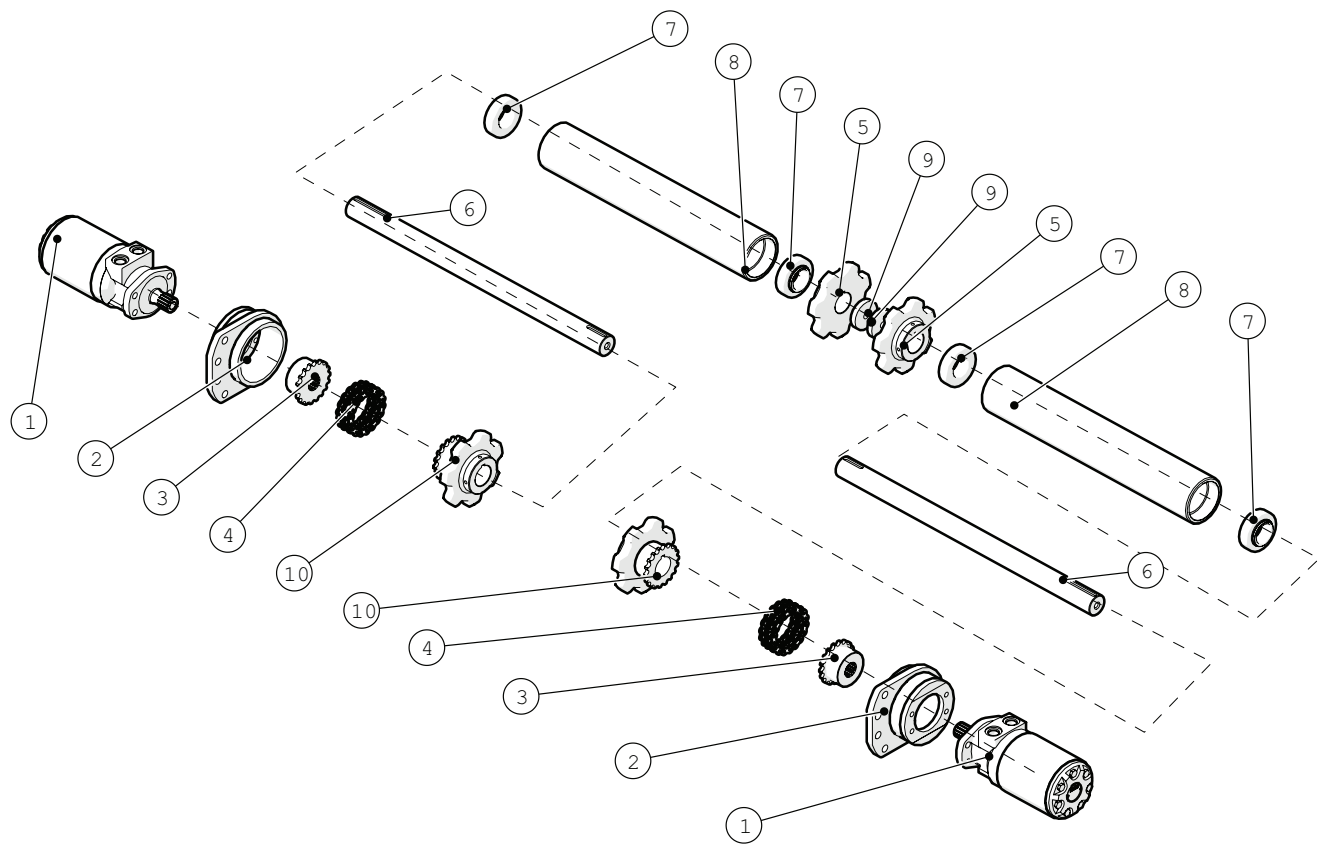
Flight Chain Deck

BOM ID	PART NUMBER	DESCRIPTION	Qty
1	092-109070	WELDEMENT CENTER COVER RIGHT	1
2	092-109071	WELDEMENT CENTER COVER LEFT	1
3	092-100784	WELDEMENT CONVEYOR SIDE COVER	2
4	093-0406	10 SECTION CONVEYOR CHAIN ASSEMBLY	2
5	092-204200	CONVEYOR DECK WELDEMENT	1
6	092-204650	CONVEYOR FRONT COVER WELDEMENT	1

Flight Chain Idler Components

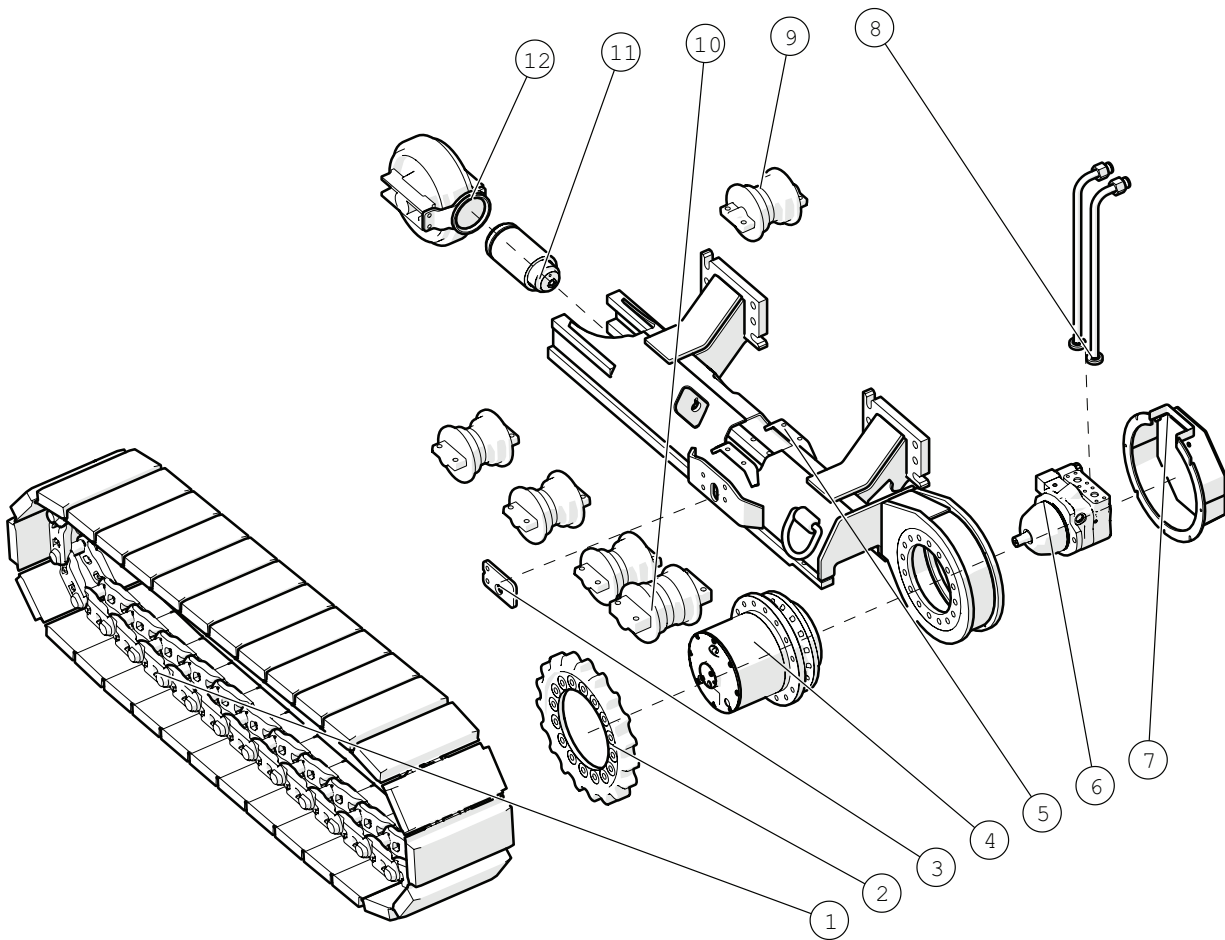
Flight Chain Idler Components

BOM ID	Part Number	Description	Qty
1	092-204220	Weldment Flight Chain Adjusting Plate	2
2	015-0204	Sprocket 7 tooth	4
3	018-0091	Bearing Flight Chain Tube	4
4	093-0332	Shaft Flight Chain Idler	2
5	093-0335	Key way .375in x 1.750in	4
6	093-0339	Cap Spacer Flight Chain	4
7	093-0334	Flight Chain Tube	2

Flight Chain Drive Components

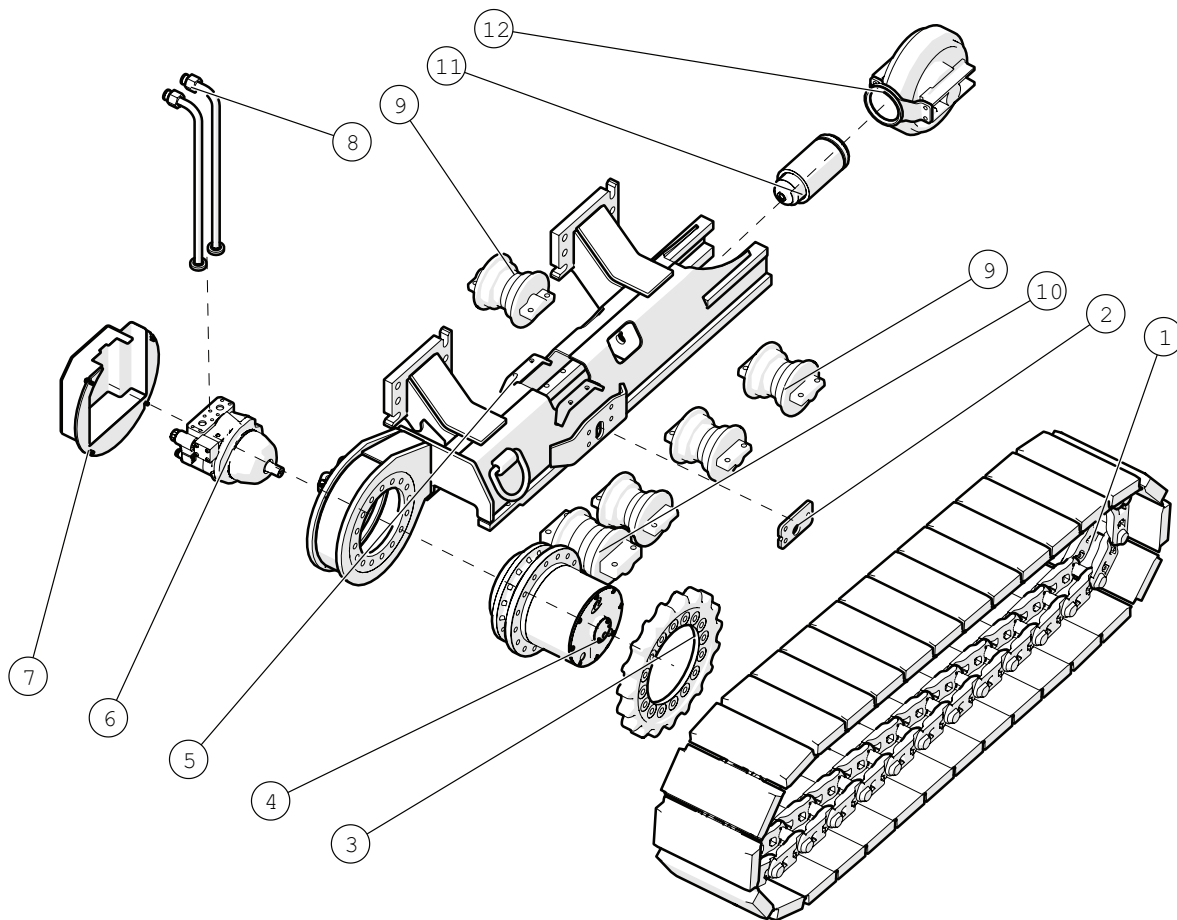
Flight Chain Drive Components

BOM ID	Part Number	Description	Qty
1	013-0068	Flight Chain Hydraulic Motor	2
2	092-204260	Flight Chain Motor Mount	2
3	015-0202	Coupling 5018F 1.75in	2
4	015-0046	Chain Coupling	2
5	015-0204	Sprocket 7 tooth Flight Chain	2
6	093-0332	Flight Chain Drive Shafts	2
7	018-0091	Flight Chain Bearings	4
8	093-0334	Flight Chain Tube	2
9	093-0339	Spacer End Cap	2
10	092-109254	Drive Sprocket	2

Left Drive Track Assembly

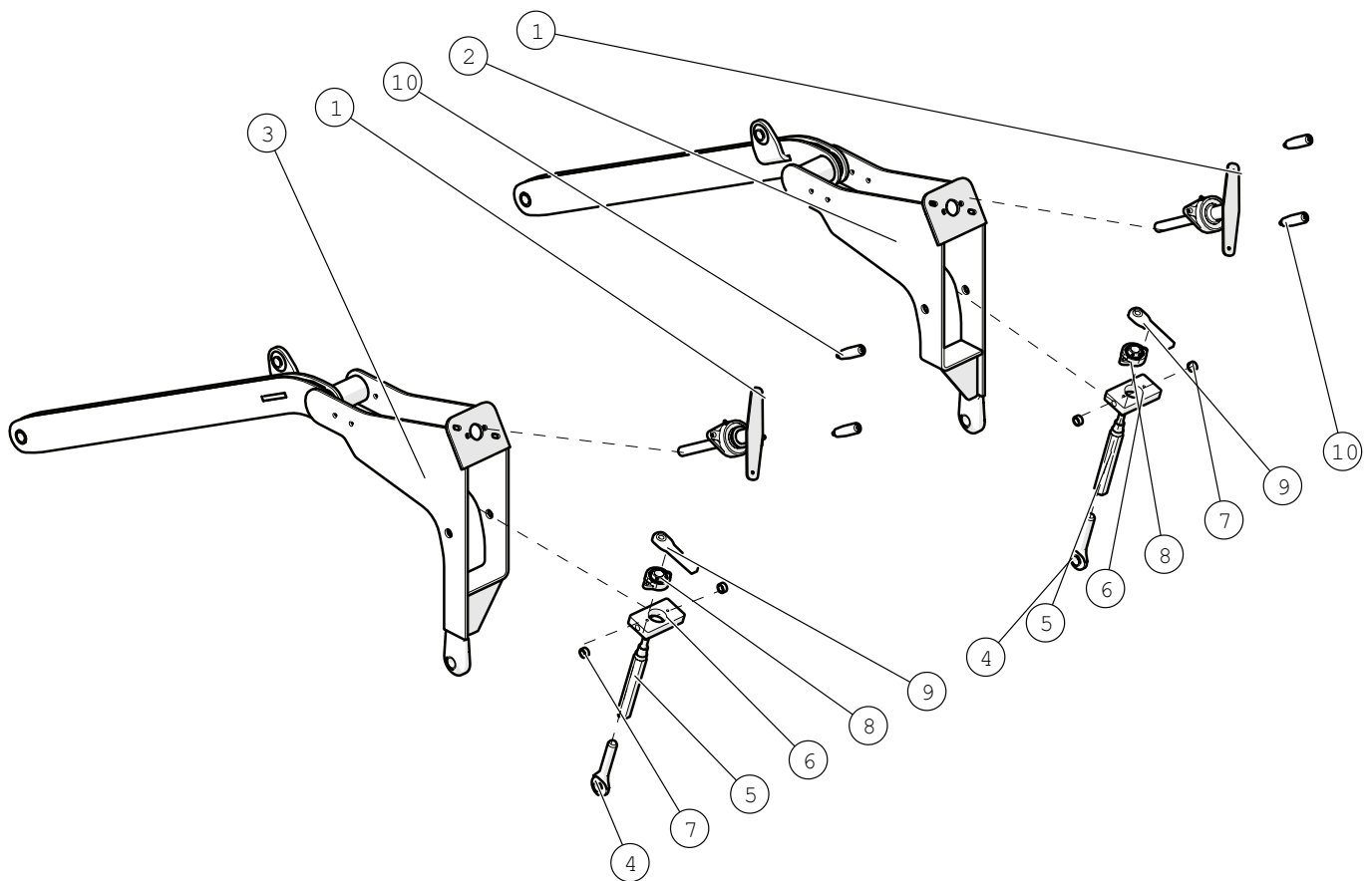
Left Drive Track Assembly

BOM ID	Part Number	Description	Qty
1	050-0626EX	Poly Pad Track Chain Assembly	1
2	015-0275A	Drive Sprocket	1
3	093-204550	Screed Arm Mount Plate	1
4	016-0058	Planetary	1
5	092-204501	Undercarriage Weldment LH	1
6	011-0263	Drive Motor	1
7	092-204570	Drive Motor Cover	1
8	014-0635	Drive Motor Hydraulic Tube	2
9	050-0257	Track Roller Small	4
10	050-0163	Track Roller Large	1
11	012-0060	Track Tension Cylinder	1
12	091-204524	Track Idler	1
(Not Shown)	050-0664EX	Track Pad (Individual)	30
(Not Shown)	015-0276	Track Connecting Pin	1
(Not Shown)	030-0500	Bolt Track Pad	120
(Not Shown)	030-0501	Nut Track Pad	120

Right Drive Track Assembly

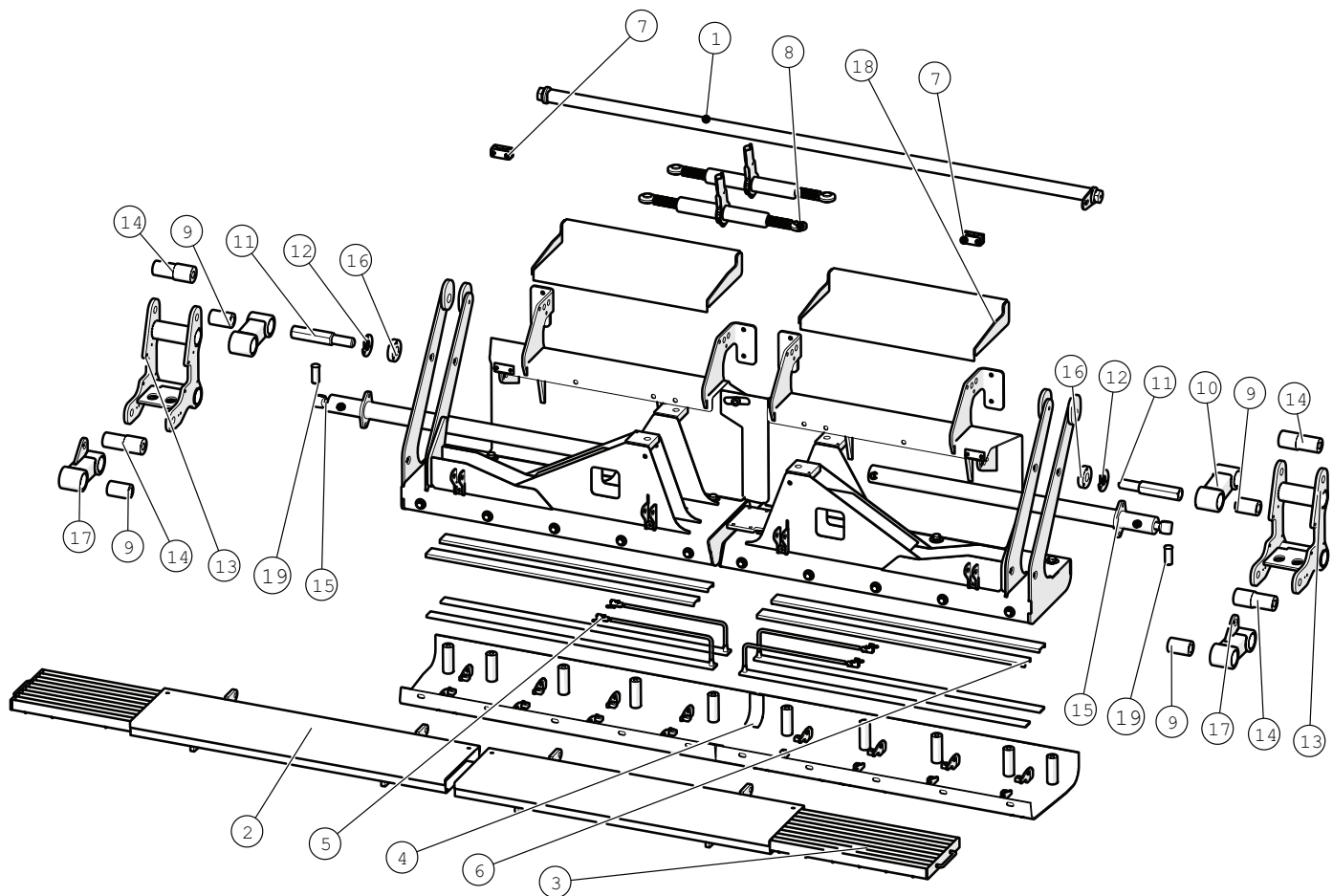
Right Drive Track Assembly

BOM ID	Part Number	Description	Qty
1	050-0626EX	Poly Track Assembly	1
2	093-204550	Tow Arm Mounting Plate	1
3	015-205504	Drive Sprocket	1
4	016-0058	Planetary	1
5	092-204500	Undercarriage Weldment RH	1
6	011-0263	Drive Motor	1
7	092-204176	Drive Motor Cover	1
8	014-0635	Drive Motor Hydraulic Tube	2
9	050-0257	Track Roller Small	4
10	050-0163	Track Roller Large	1
11	012-0060	Track Tension Cylinder	1
12	091-204524	Track Tension Idler	1
(Not Shown)	050-0664EX	Track Pad (Individual)	30
(Not Shown)	015-0276	Track Connecting Pin	1
(Not Shown)	030-0500	Bolt Track Pad	120
(Not Shown)	030-0501	Nut Track Pad	120

Screed Arm Components

Screed Arm Components

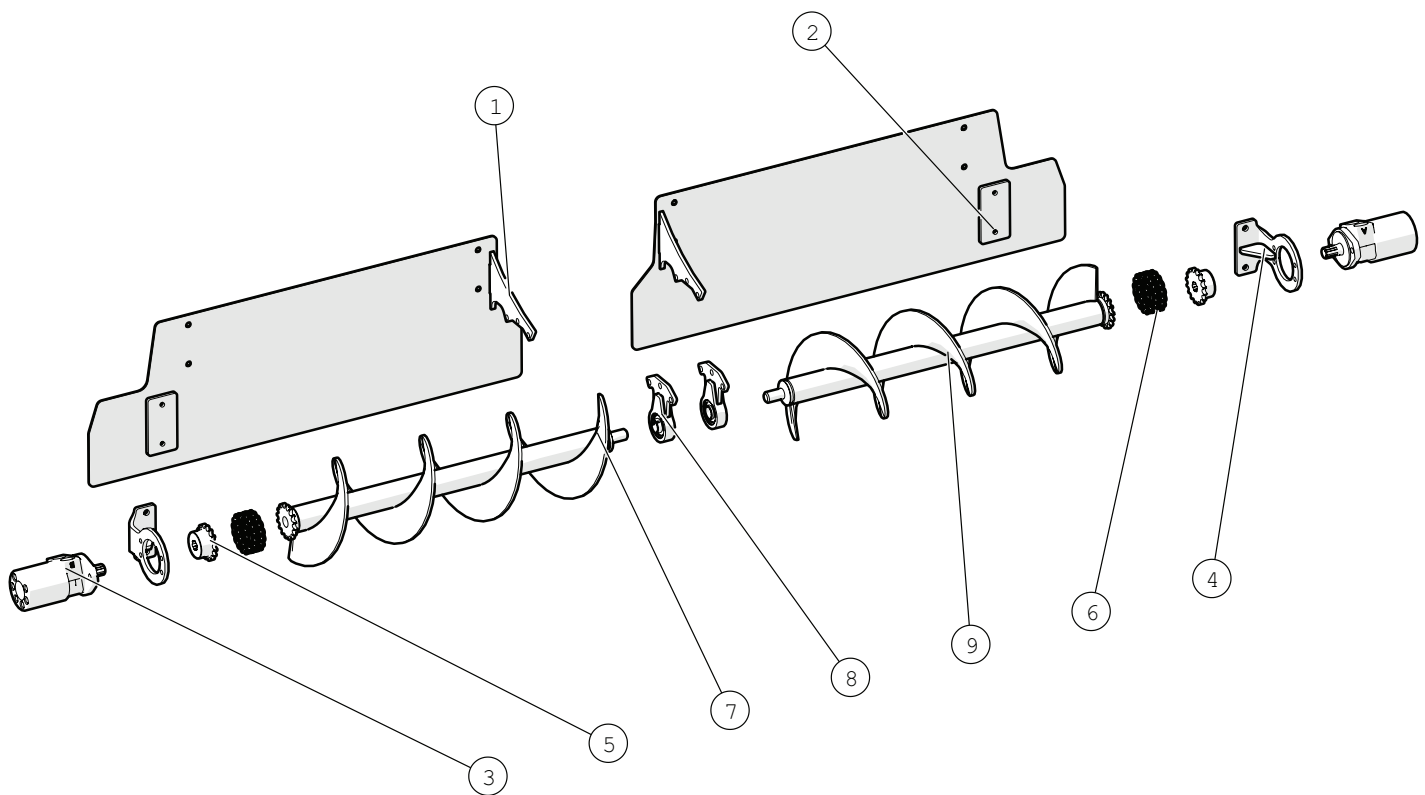
BOM ID	Part Number	Description	Qty
1	111-209070	Screed Depth Handle	2
2	112-209552	Screed Arm RH	1
3	112-209553	Screed Arm LH	1
4	112-209582	Extension Height Adjustment Threaded	2
5	113-209182	Extension Height Hex Rod	2
6	113-209180	Extension Height Block	2
7	113-209184	Spacer	4
8	018-0027	Extension Height Bearing	2
9	111-104170	Handle Ratcheting	2
10	113-100427	113-100427	4
(Not Shown)	012-0065	Screed Lift Hydraulic Cylinder	2

Main Screed Assembly

Main Screed Assembly

BOM ID	PART NUMBER	DESCRIPTION	Qty
1	112-209430	TOW ARM STABILIZER WELDEMENT	1
2	112-209100	WALKBOARD WELDEMENT	2
3	112-100701	WALKBOARD EXTENSION	2
4	112-209308	SCREED BOTTOM WELDEMENT ELEC- TRIC HEAT	1
5	020-0213	HEATING ELEMENT	4
6	113-309290	HEAT STRIP RETAINER	4
7	050-0415	3 HOSE CLAMP ASSEMBLY	2
8	050-0147B	SCREED CROWN RACHETJACK	2
9	113-209150	UPPER LINK PIVOT ROD	4
10	111-209142	EXTENSION PIVOT ASSEMBLY UPPER	2
11	113-209080	SLOPE EXTENSION ADJ ROD	2
12	113-209084	SLOPE ADJ RETAINER	2
13	112-209012	FREEDOM LINK TOWER	2
14	113-209152	FREEDOM LINK PIVOT ROD	4
15	012-0069	CYLINDER EXTENSION	2
16	113-209656	EXTENSION SLOPE ADJ NUT	2
17	111-209140	EXTENSION PIVOT ASSEMBLY LOWER	2
18	112-200520	UPPER WALKBOARD	2
19	113-209528	PIN EXTENSION CYLINDER	2

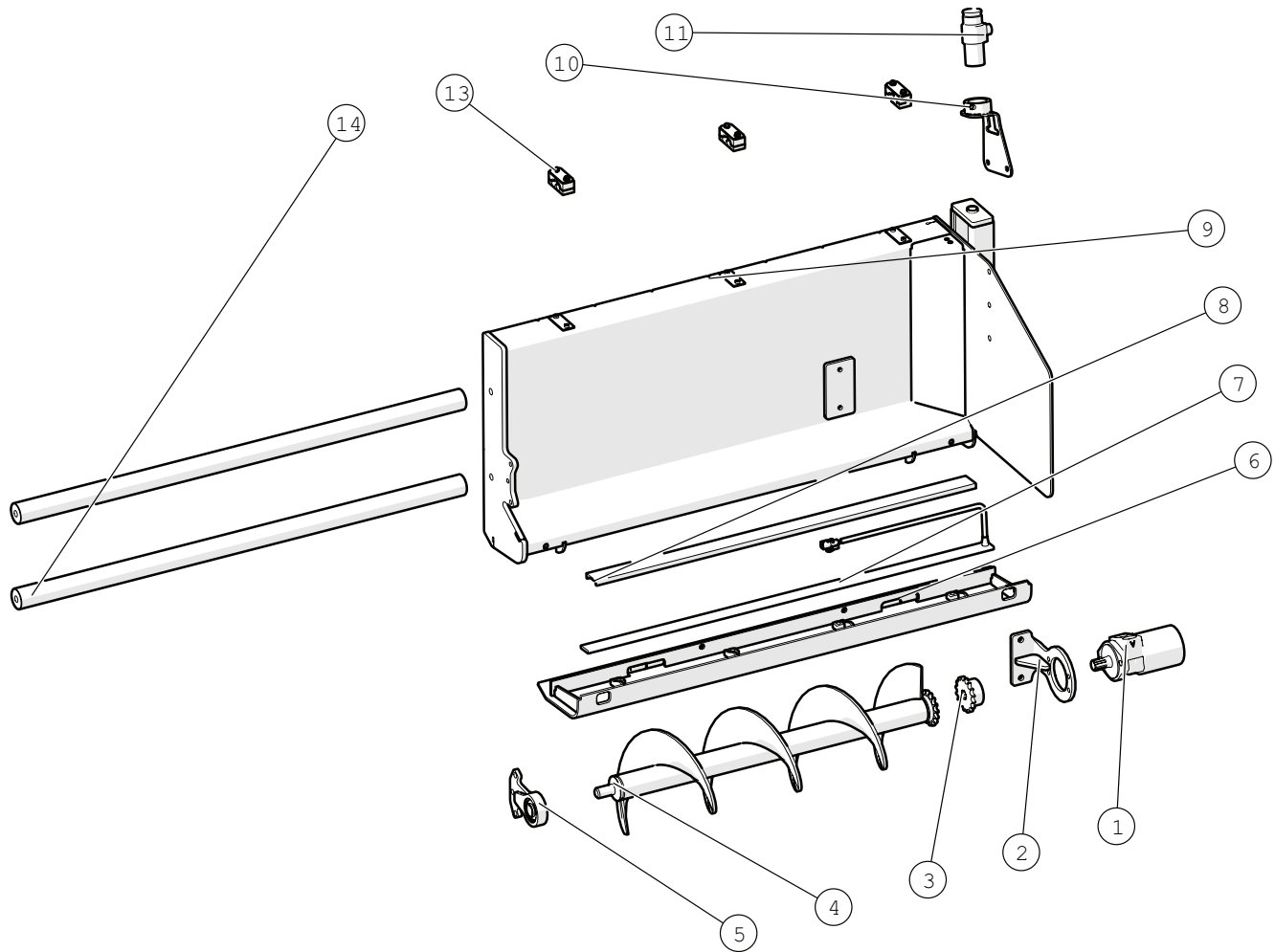
Upper Auger Assembly



Upper Auger Assembly

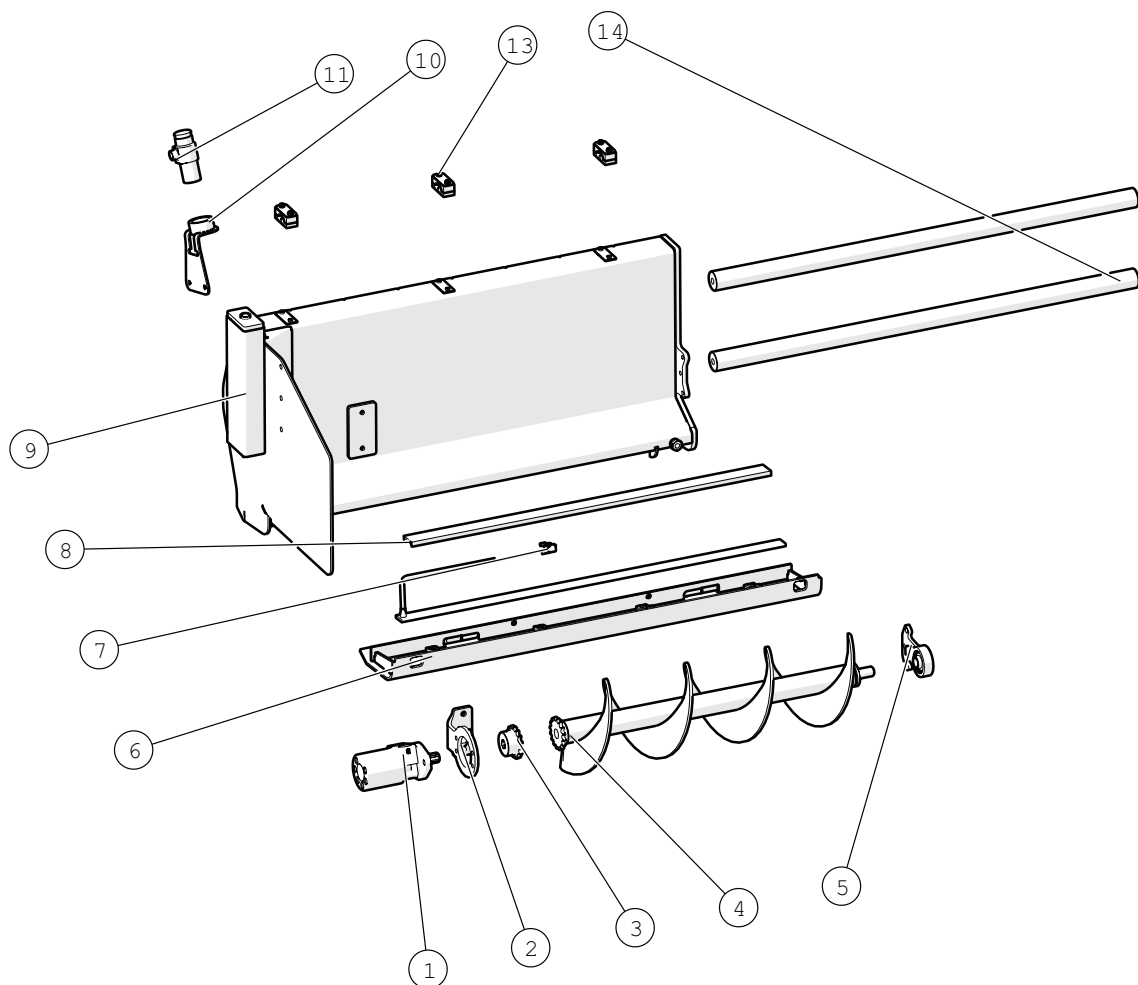
BOM ID	PART NUMBER	DESCRIPTION	Qty
1	112-200502	WELDEMENT UPPER AUGER RH	1
2	112-200503	WELDMENT UPPER AUGER LH	1
3	013-0096	MOTOR AUGER	2
4	112-200072	AUGER MOTOR BRACKET	2
5	015-0154	SPROCKET	2
6	015-0045	COUPLING CHAIN	2
7	112-200540	AUGER UPPER RH	1
8	112-302080	AUGER BEARING SUPPORT	2
9	112-200541	AUGER UPPER LH	1

Left Extension Assembly



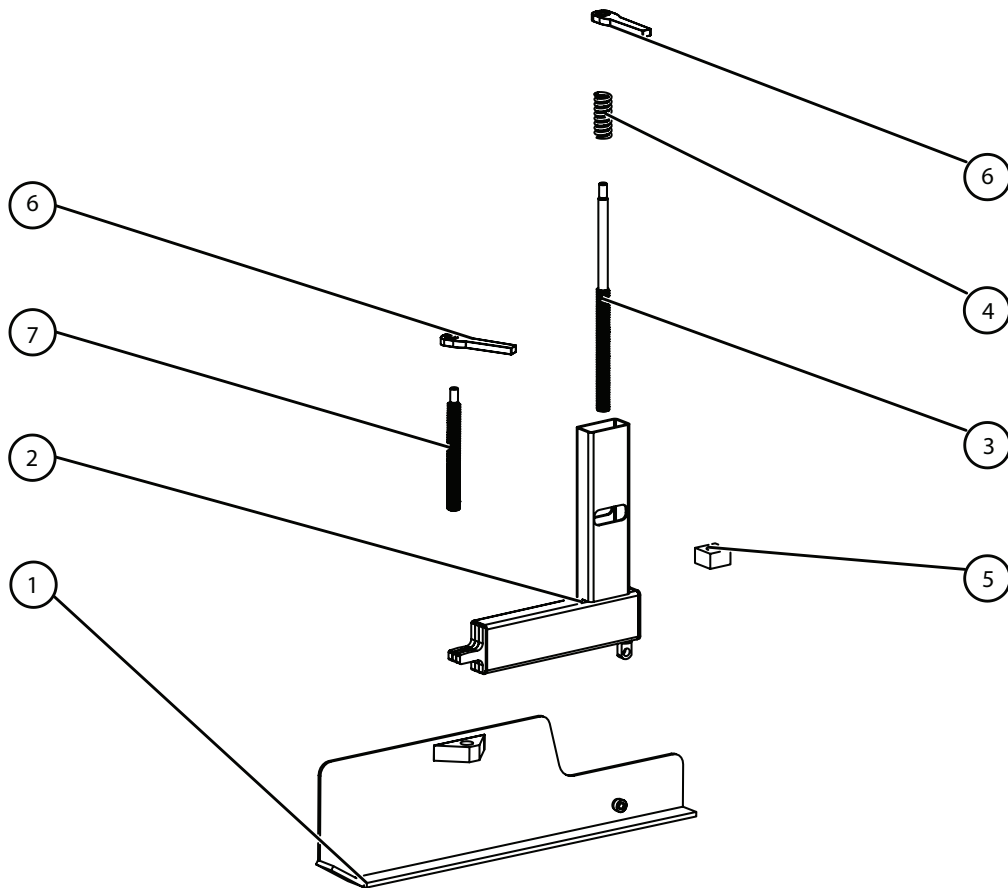
Left Extension Assembly

BOM ID	PART NUMBER	DESCRIPTION	Qty
1	013-0096	MOTOR AUGER	1
2	112-200072	MOUNT AUGER MOTOR	1
3	015-0154	AUGER DRIVE MOTOR CHAIN COUPLING	1
4	092-0014	AUGER WELDEMENT, LEFT	1
5	112-302080	SUPPORT AUGER BEARING	1
6	112-209330	EXTENSION BOTTOM WELDEMENT, ELECTRIC HEAT	1
7	020-0213	ELECTRIC HEAT ELEMENT	1
8	113-309290	HEAT ELEMENT RETAINER	1
9	112-209315	EXTENSION WELDEMENT, ELECTRIC HEAT, LEFT	1
10	112-200090	SONIC SENSOR MOUNT WELDEMENT, RIGHT	1
11	020-109473	AUGER SONIC SENSOR, LEFT	1
13	050-0415	3 HOSE CLAMP ASSEMBLY	3
14	113-209169	EXTENSION GUIDE ROD	2
(Not Shown)	050-0350	CABLE SONIC SENSOR	1

Right Extension Assembly

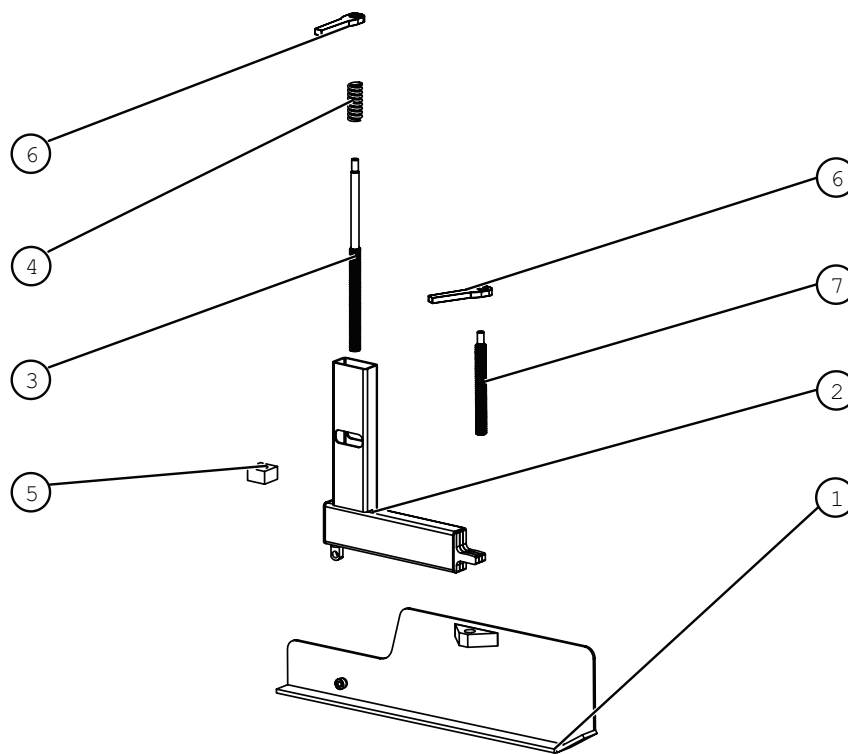
Right Extension Assembly

BOM ID	PART NUMBER	DESCRIPTION	Qty
1	013-0096	MOTOR AUGER	1
2	112-200072	MOUNT AUGER MOTOR	1
3	015-0154	AUGER DRIVE MOTOR CHAIN COUPLING	1
4	092-0013	AUGER WELDEMENT, RIGHT	1
5	112-302080	SUPPORT AUGER BEARING	1
6	112-209330	EXTENSION WEAR PLATE	1
7	020-0213	ELECTRIC HEAT ELEMENT	1
8	113-309290	HEAT STRIP RETAINER	1
9	112-209314	EXTENSION WELDEMENT, ELECTRIC HEAT, RIGHT	1
10	112-200090	SONIC SENSOR MOUNT WELDEMENT, RIGHT	1
11	020-109473	AUGER SONIC SENSOR, LEFT	1
13	050-0415	3 HOSE CLAMP ASSEMBLY	3
14	113-209169	EXTENSION GUIDE ROD	2
(Not Shown)	050-0350	CABLE SONIC SENSOR	1

Left End Gate Assembly

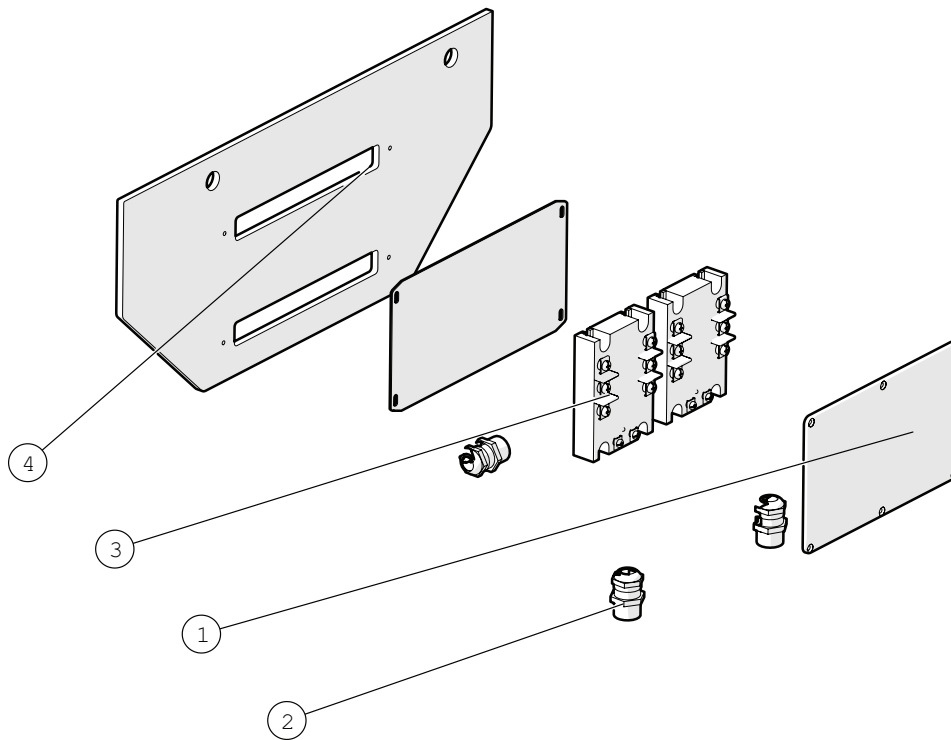
Left End Gate Assembly

BOM ID	Part Number	Description	Quantity
1	112-209461	End Gate Shoe LH	1
2	112-209450	End Gate Lower Weldment	1
3	112-302376	Threaded Rod End Gate Height	1
4	050-0342	Spring	1
5	113-209462	End Gate Adjustment Nut	1
6	111-104170	Handle Ratcheting	2
7	113-209468	Threaded Rod End Gate Pivot	1
8 (Not Shown)	111-209451	Complete Assembly Endgate LH	1

Right End Gate Assembly

Right End Gate Assembly

BOM ID	Part Number	Description	Quantity
1	112-209460	End Gate Shoe RH	1
2	112-209450	End Gate Lower Weldment	1
3	112-302376	Threaded Rod End Gate Height	1
4	050-0342	Spring	1
5	113-209462	End Gate Adjustment Nut	1
6	111-104170	Handle Ratcheting	2
7	113-209468	Threaded Rod End Gate Pivot	1
8 (Not Shown)	111-209450	Complete Assembly Endgate RH	1

Screed Heat Components

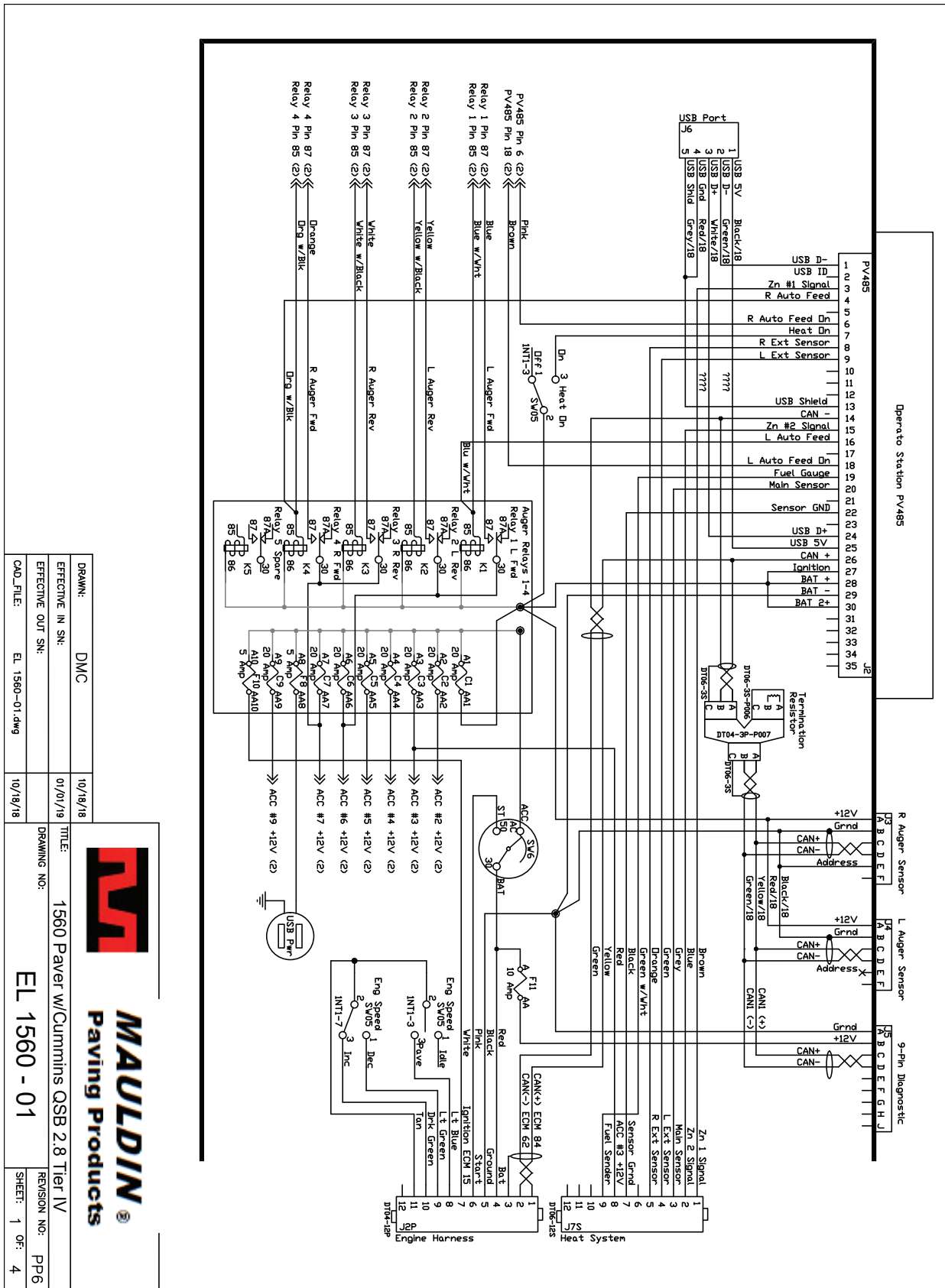
Screed Heat Components

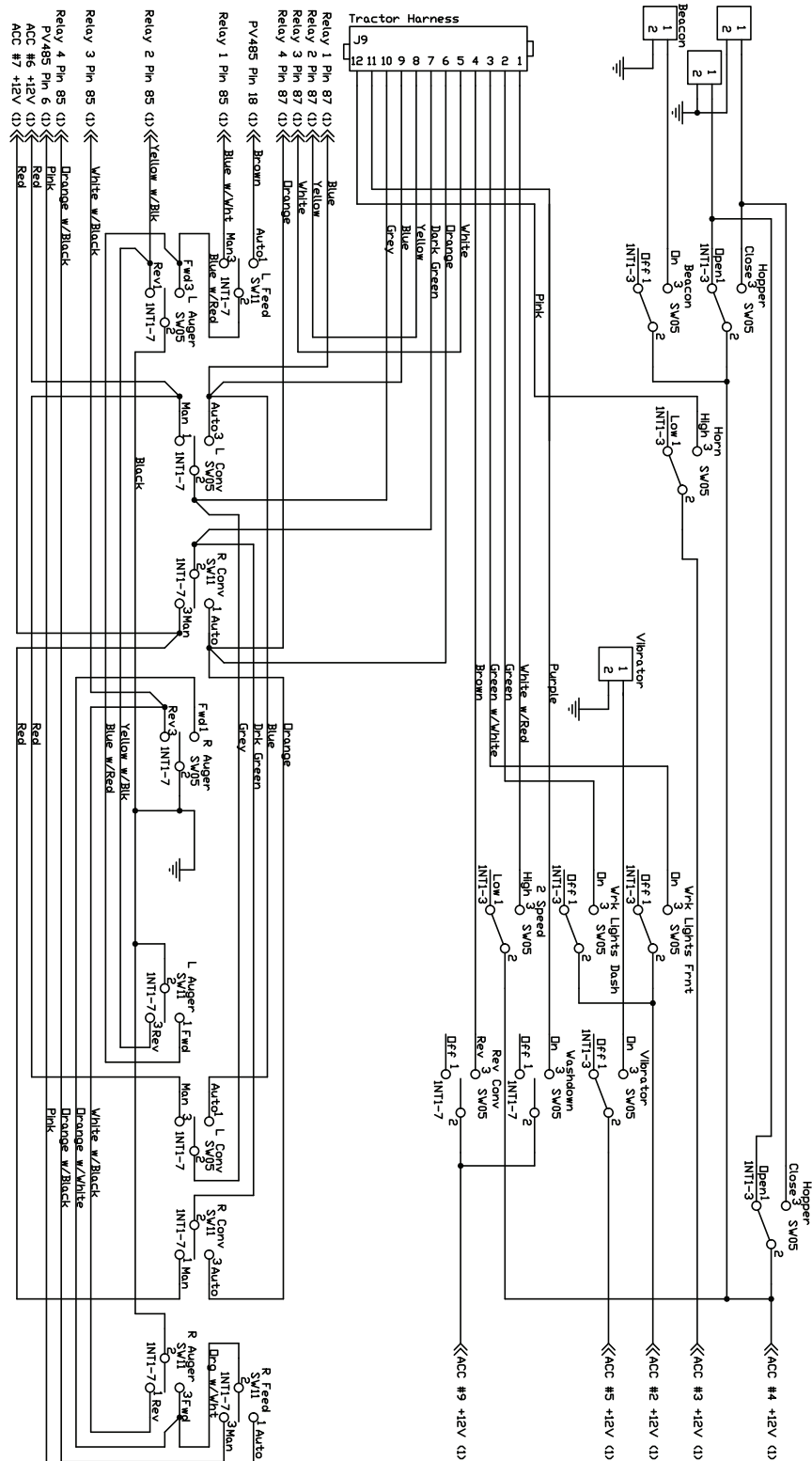
BOM ID	PART NUMBER	DESCRIPTION	Qty
1	020-0930	ENCLOSURE ALUMINUM COMPLETE	1
2	020-0303	STRAIN RELIEF	3
3	020-0593	RELAY 50A	2
4	113-209368	MOUNT ENCLOSURE	1
(Not Shown)	020-209369	WIRE HARNESS, CONTROL BOX TO TRAC-TOR	1
(Not Shown)	020-209370	WIRE HARNESS, CONTROL BOX TO RIGHT MAIN SCREED	1
(Not Shown)	020-209371	WIRE HARNESS, CONTROL BOX TO LEFT MAIN SCREED	1

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Schematics

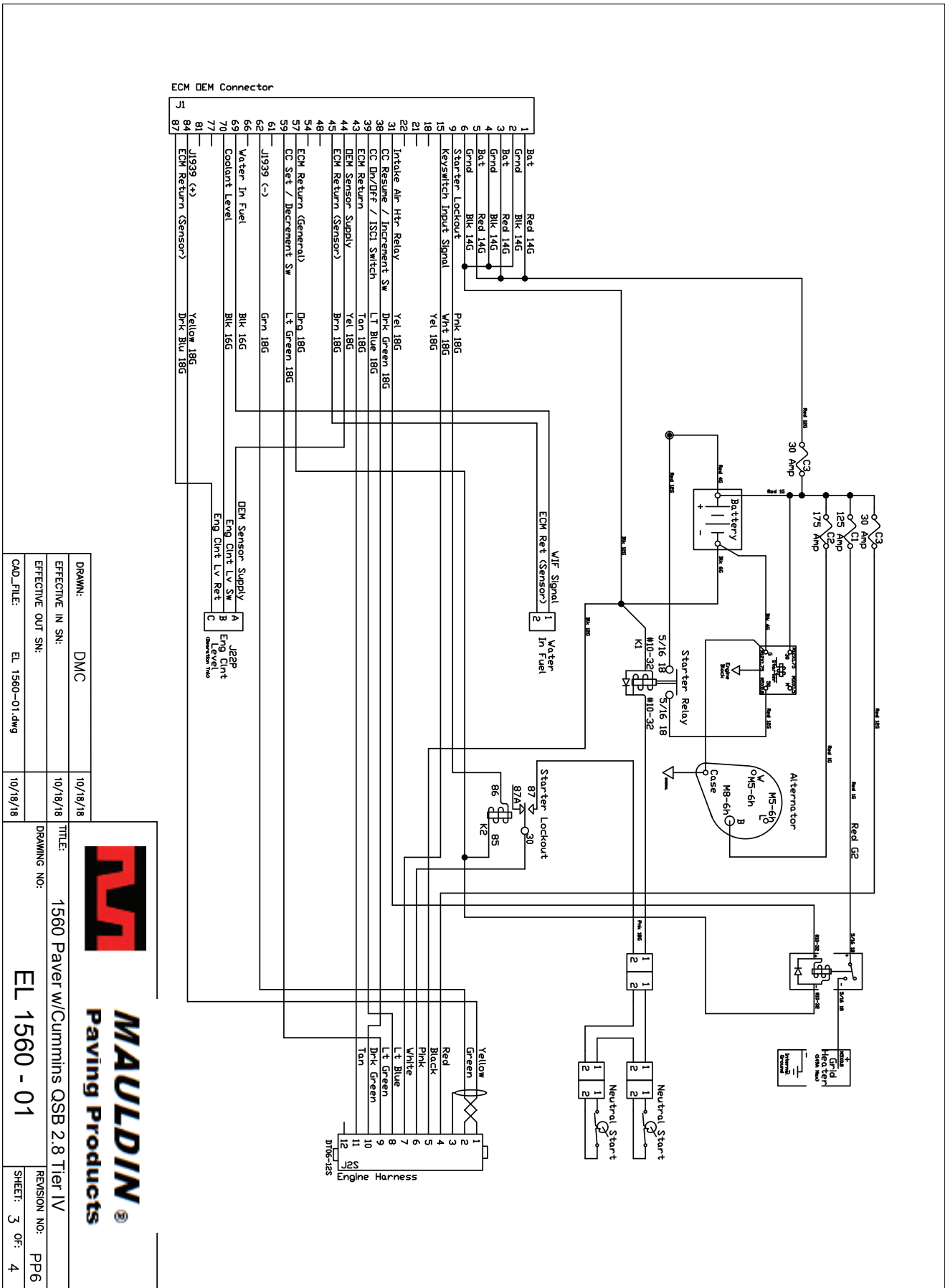
Electrical Schematic

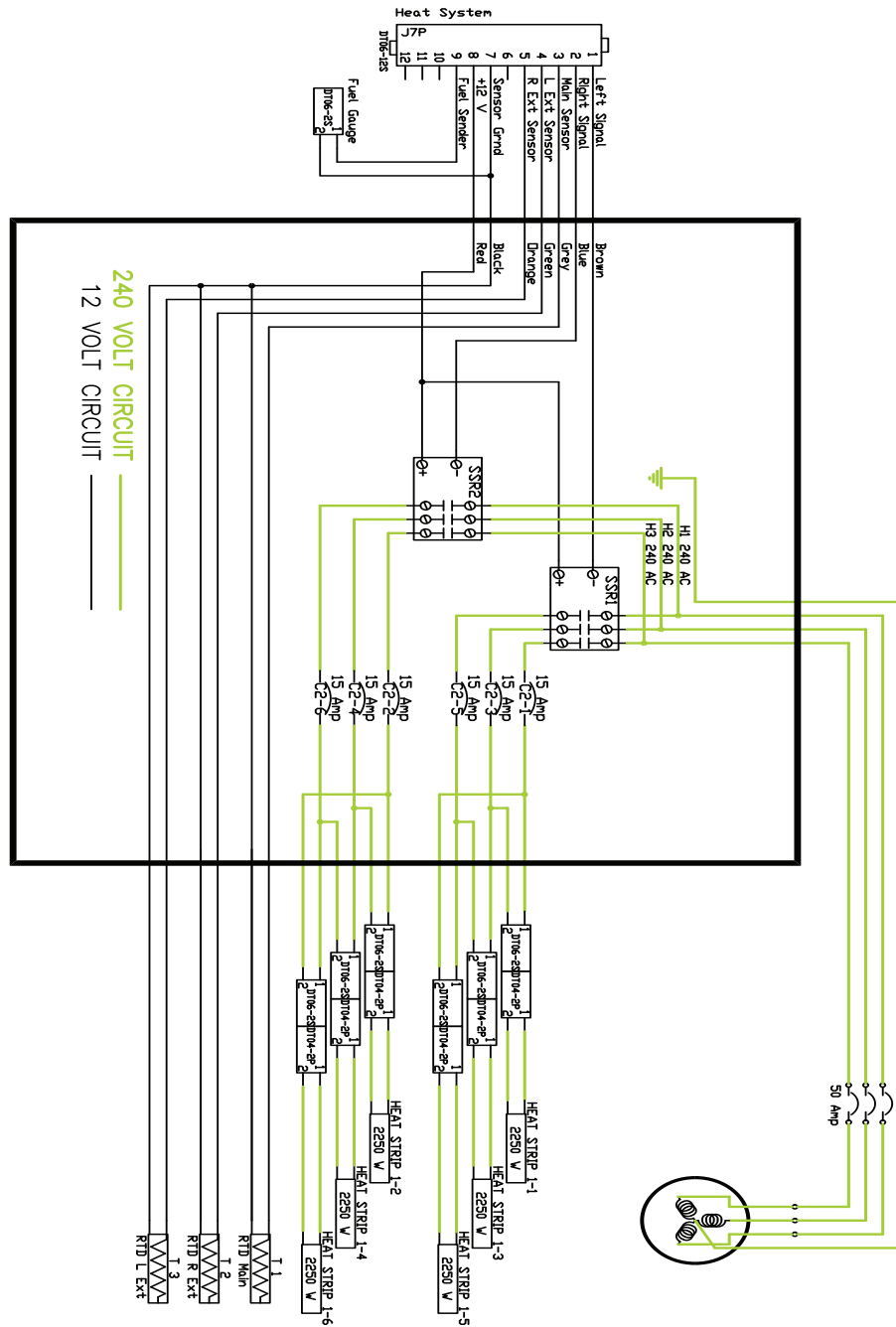




DRAWN:	DMC	10/18/18
EFFECTIVE IN SN:		10/18/18
EFFECTIVE OUT SN:		
CAD FILE:	EL_1560-01.dwg	10/18/18

	
TITLE: 1560 Paver w/Cummins QSB 2.8 Tier IV	
DRAWING NO.: EL 1560 - 01	
REVISION NO.: PP6	SHEET: 2 OF: 4





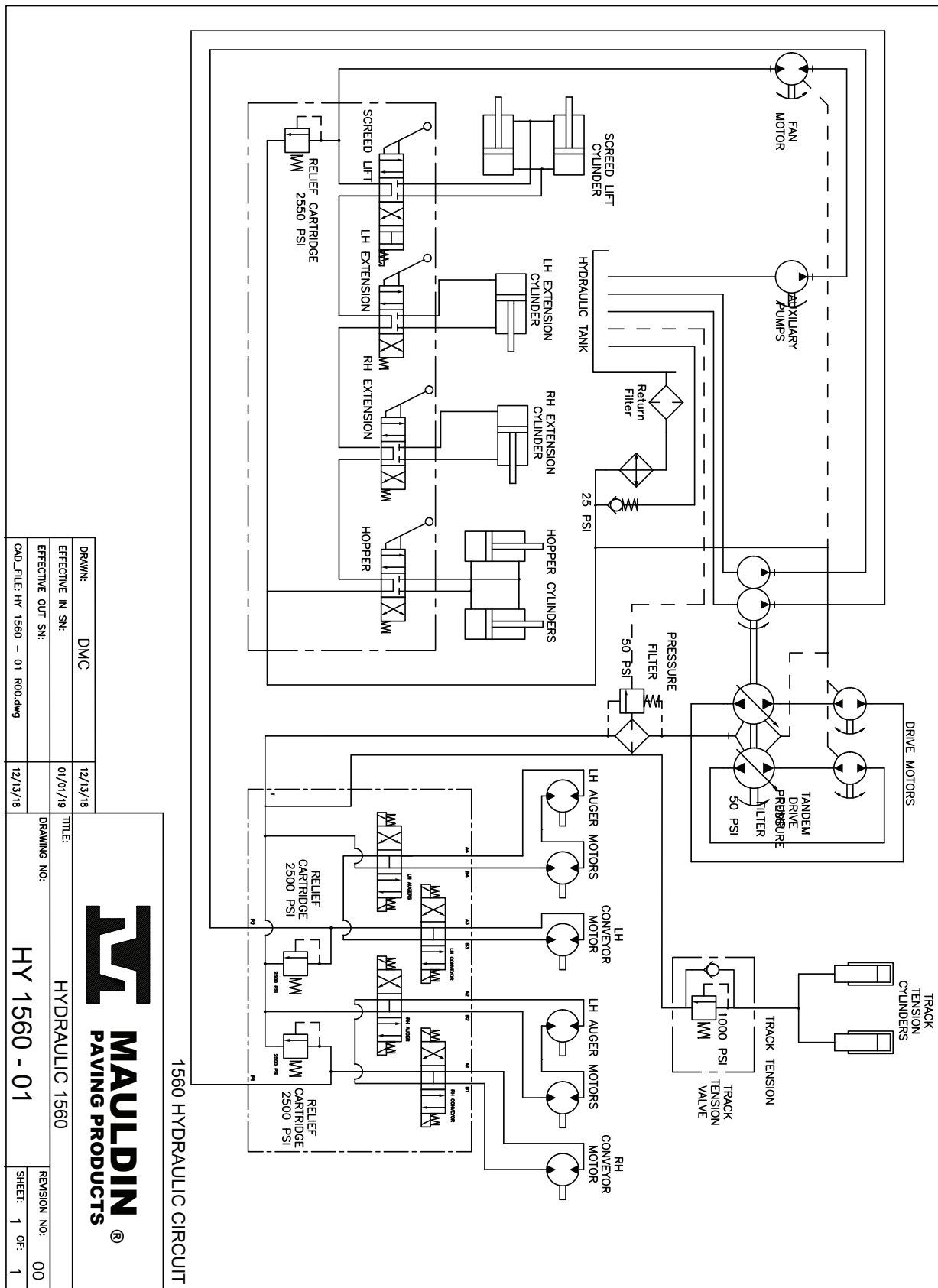
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EFFECTIVE OUT SN:		
CAD FILE:	EL 1560-01.dwg	10/18/18



MAULDIN
Paving Products

TITLE:	1560 Paver w/Cummins QSB 2.8 Tier IV
DRAWING NO:	EL 1560 - 01
REVISION NO:	PP6
SHEET:	4 OF 4

Hydraulic Schematics



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CALDER BROTHERS CORPORATION

(LIMITED) PRODUCT WARRANTY

Calder Brothers Corporation warrants that the Paver, Roller, Tank or Grader under this program will be free from defects in material and workmanship for a period of (12) twelve months from the date of installation. Written notice of any claimed defect must be given to Calder Brothers Corporation within the warranty period and within (30) thirty days after such defect is discovered. Liability under this warranty is limited to replacing or repairing at Calder Brothers Corporation election, any part or parts deemed defective after examination by Calder Brothers Corporation or an Authorized Service Representative via prepaid transportation for which is found to be defective, will be repaired or replaced and returned to the customer via prepaid surface transportation within the United States. Should any part be found not defective, inspection and handling may be charged to the customer by Mauldin or an Authorized Service Representative.

EXCLUSIONS:

This warranty does not apply to routine wearable parts of the Mauldin machine such as seals, points, plugs, hoses or similar items. This warranty does not extend to any machine or part replaced or repaired under this warranty. This warranty does not cover any repair or replacement labor or any part of parts found defective after examination by Mauldin or an Authorized Service Representative. This warranty does not apply to defects caused by casualty or unreasonable use, including faulty repairs by others and failure to provide reasonable and necessary maintenance.

THIS WARRANTY SET FORTH HEREIN IS IN LIEU OF AND EXCLUDES ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND CUSTOMER WAIVES ANY OBLIGATION OF LIABILITY OF MAULDIN ARISING IN TORT OR STRICT LIABILITY IN TORT, OR FOR LOSS OR USE, REVENUE OR PROFIT WITH RESPECT TO MAULDIN MACHINE AND/OR PARTS FOR ANY LIABILITY OF CUSTOMER TO ANY THIRD PARTY, OR FOR OTHER DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

I have read and fully understand the warranty policy above.

Customer

CALDER BROTHERS CORPORATION

Witness

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