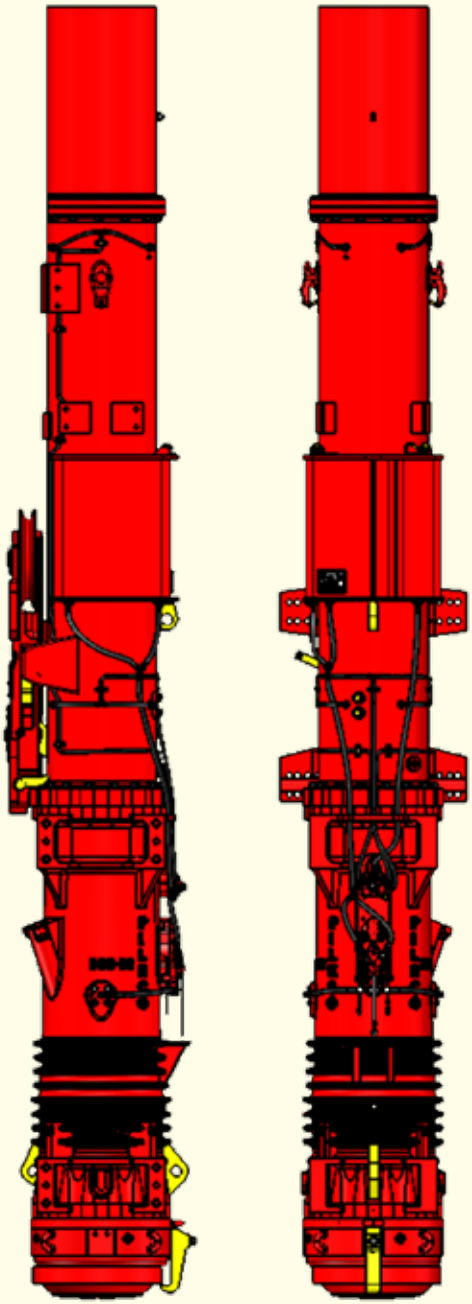
Parts Manual

PILECO INC.

Diesel Pile Hammer **D50-32**

Parts Manual



07/1/2026

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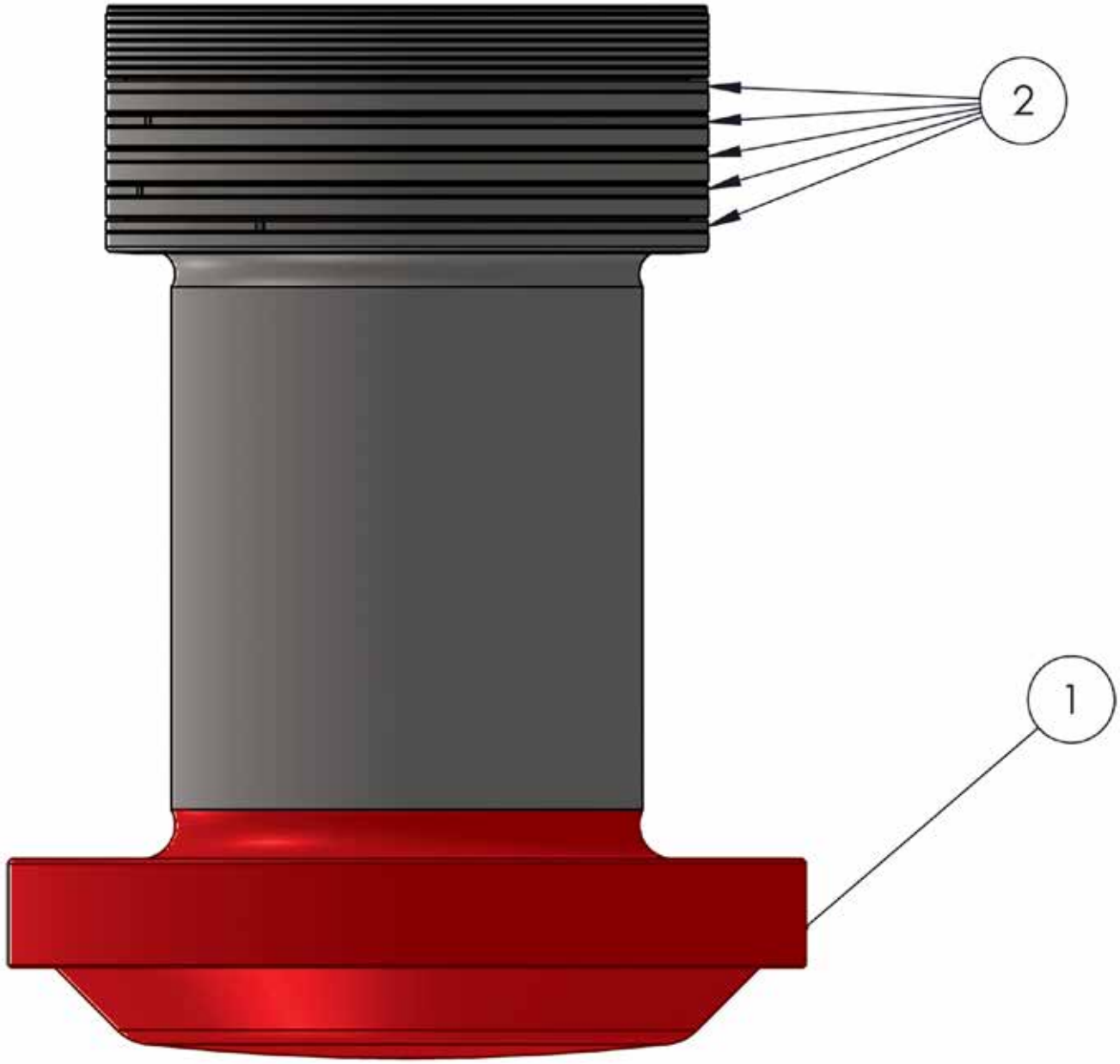
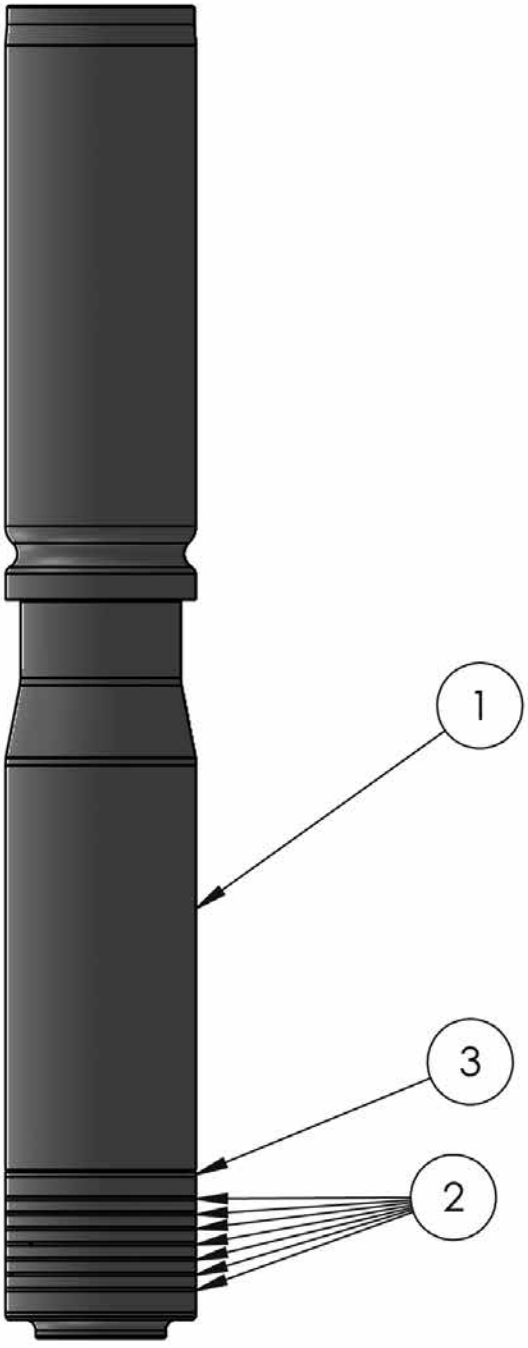
Impact Block
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	109809	IMPACT BLOCK	1
2	20221	PISTON RING	5

Striking Weight Piston
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205037	STRIKING WEIGHT (PISTON)	1
2	20221	PISTON RING	7
3	20220	CATCH RING	1

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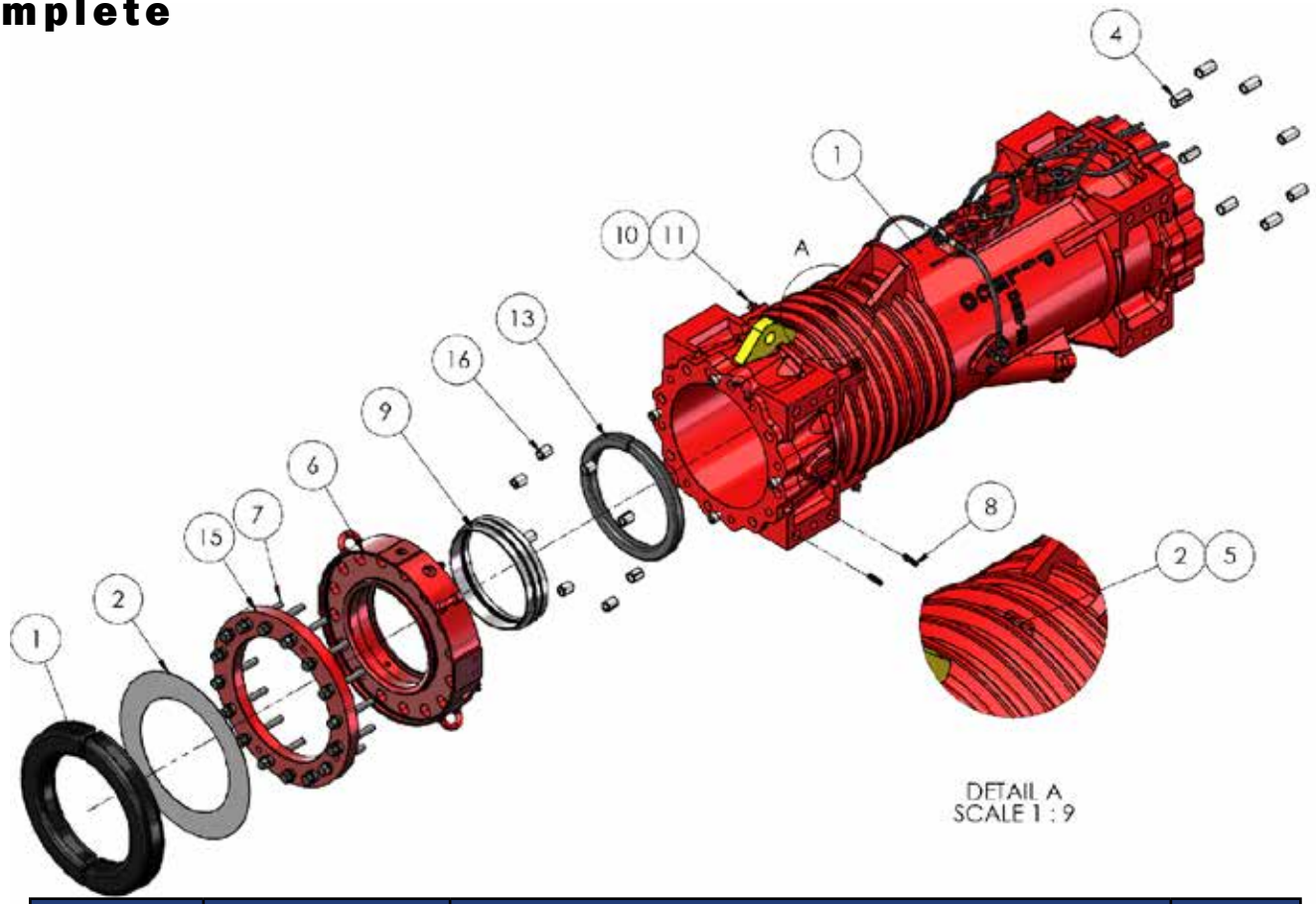
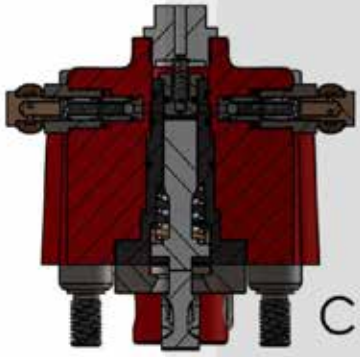
Lower Cylinder Complete

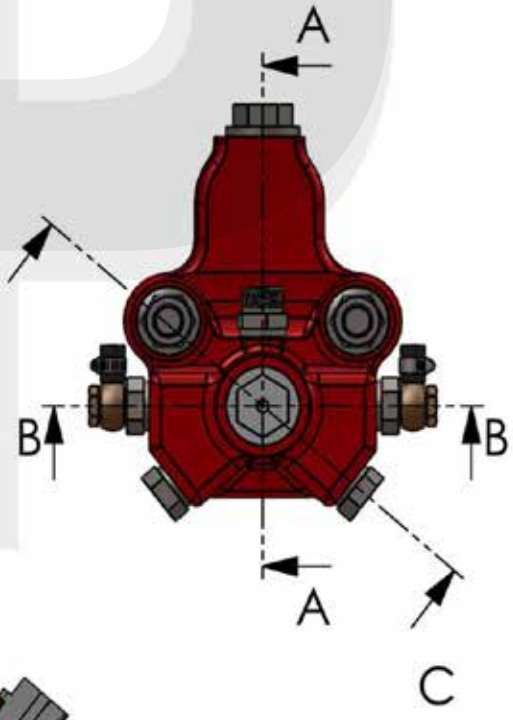


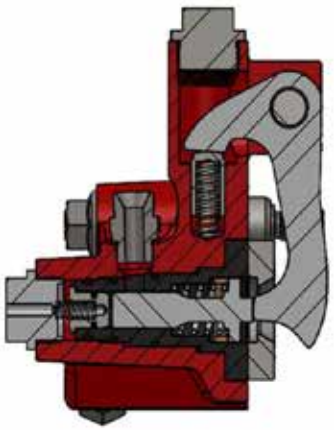
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205034	LOWER CYLINDER PART D50	1
2	90002	SEALING RING 18 X 22	1
3	22122	RUBBER RINGS (2 PCS)	1
4	95195	40 X 75 DOWEL PIN	16
5	91460	PLUG SCREW M18 X 1.5	1
6	43366	LOWER OUTER END RING (2PCS)	1
7	205036	M24 X 205 HEX BOLT	16
8	95582	THREADED INSERT M24	16
9	41348	INNER END RING	1
10	22592	REDUCER	8
11	90791	GREASE NIPPLE M10 X 1	8
12	205006	SPACER (2PCS)	1
13	60152	INNER DAMP RING	1
14	203133	24MM-3.0 X 50 SOCKET HEAD CAP SCREW 12.9	4
15	205050	TRICK RING	1
16	205051	DOWEL PIN 40X50	8
17	92016	PLUG SCREW M20 X 1.5	4
18	92031	SEALING RING 20X24	4

Lube Pump



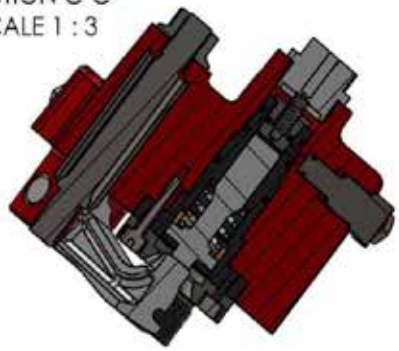
SECTION B-B
SCALE 1 : 3



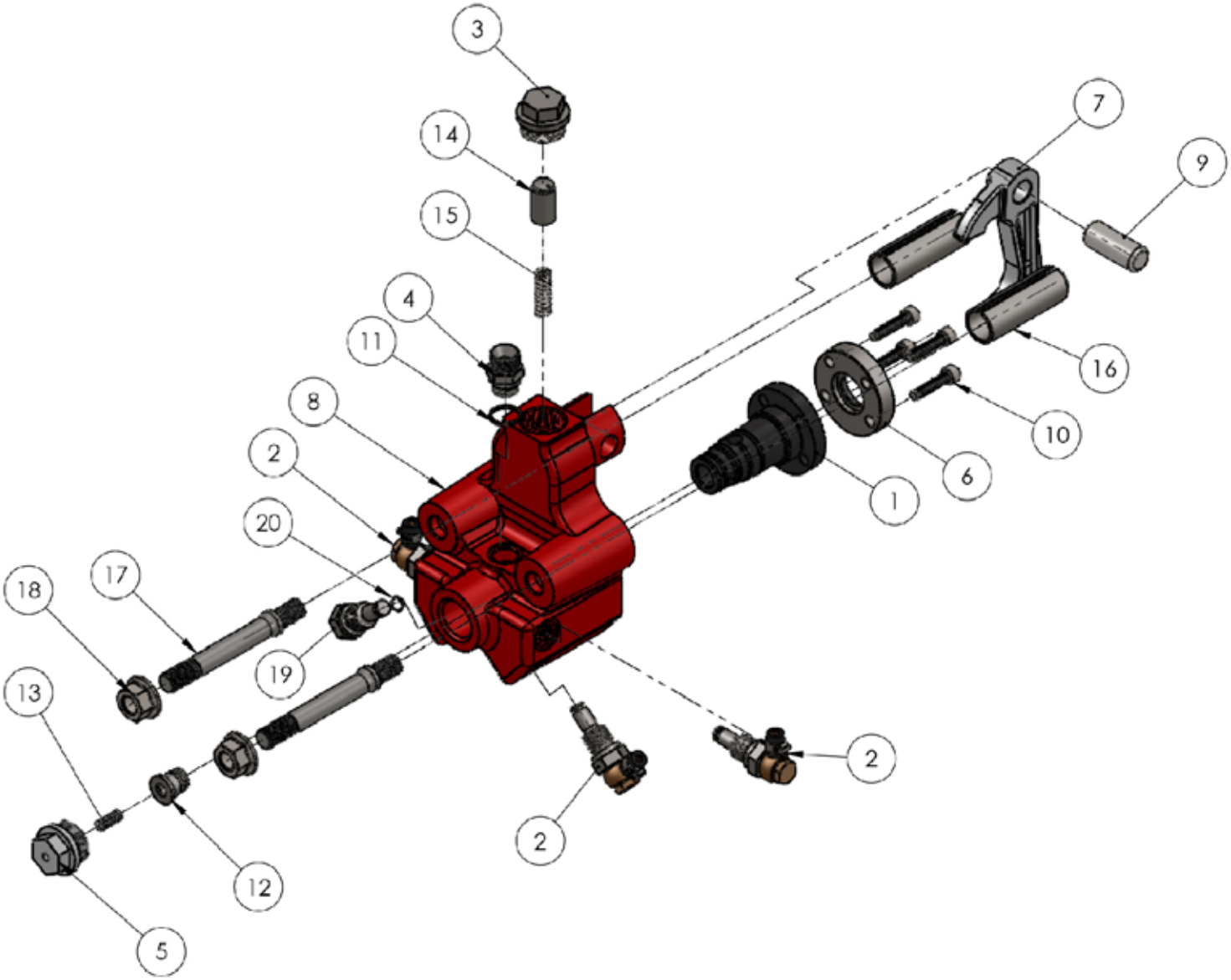


SECTION A-A
SCALE 1 : 3

SECTION C-C
SCALE 1 : 3



Lube Pump
Complete



Continued.....

Lube Pump
Complete

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	67279	CYLINDER COMPLETE	1
2	108317	PRESSURE VALVE COMPLETE	3
3	91976	PLUG SCREW	1
4	67290	ADAPTER	1
5	108307	PLUG SCREW	1
6	67282	WASHER	1
7	22081	LUBE PUMP LEVER	1
8	108315	LUBE PUMP BODY	1
9	22082	PUMP LEVER PIN	1
10	90937	M8 x 35 DIN 912 8.8	4
11	92031	SEALING RING A20 X 24	1
12	67284	PISTON COMPLETE	1
13	190479	PRESSURE SPRING 7.3 X 29.4 X 1.2	1
14	22090	SLEEVE	1
15	22089	PRESSURE SPRING 10 X 43 X 2	1
16	94315	DOWEL PIN 28 X 80 DIN 7346	2
17	20189	PUMP STUD M16	2
18	94722	M16 WASHER NUT	2
19	108316	PLUG SCREW	1
20	97855	O RING 8 X 2	1

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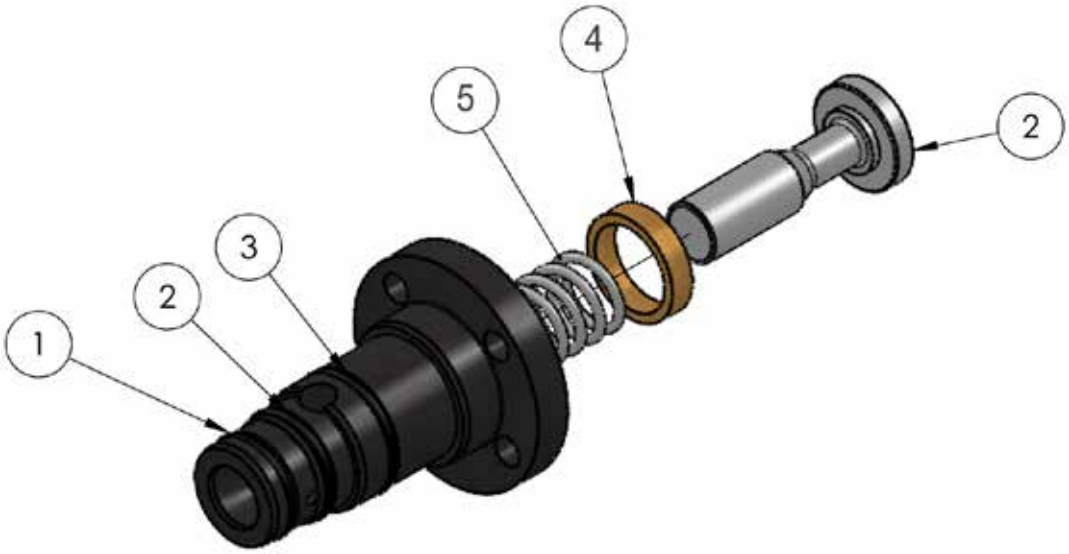
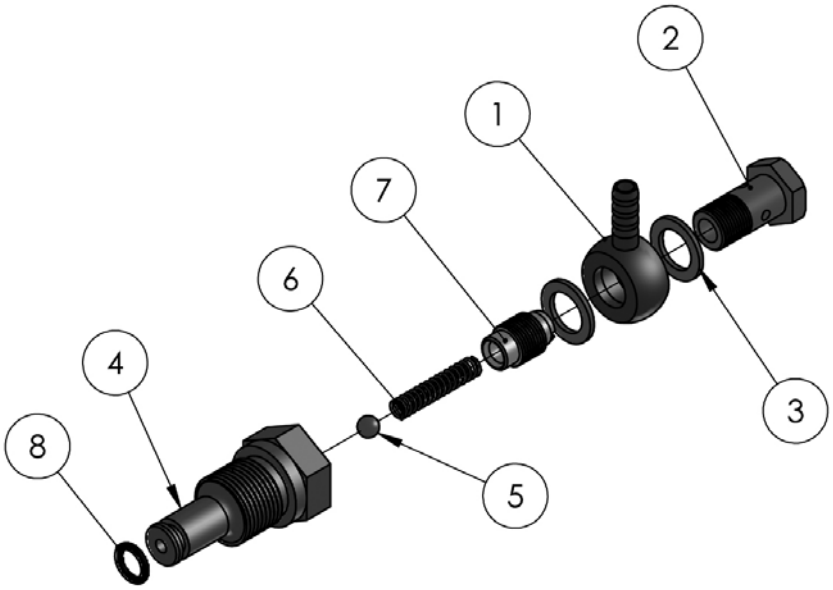
Cylinder Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205020	O RING 24 X 3	1
2	91357	O RING 26 X 3	1
3	92952	O RING 30 X 3	1
4	67283	RING	1
5	97325	PRESSURE SPRING 22 X 52 X 2, 8	1

Pressure Valve
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	97949	RING NIPPLE	1
2	97948	HOLLOW SCREW A6 DIN 7623-6.8	1
3	91417	SEALING RING A12 X 15.5 DIN 7603-CU	2
4	108319	ADAPTER	1
5	90307	BALL 6MM DIN 5401	1
6	190005	PRESSURE SPRING 5 X 36 X 0.8	1
7	104679	PLUG SCREW	1
8	97855	8 X 2 O-RING	1

SOLD TOGETHER

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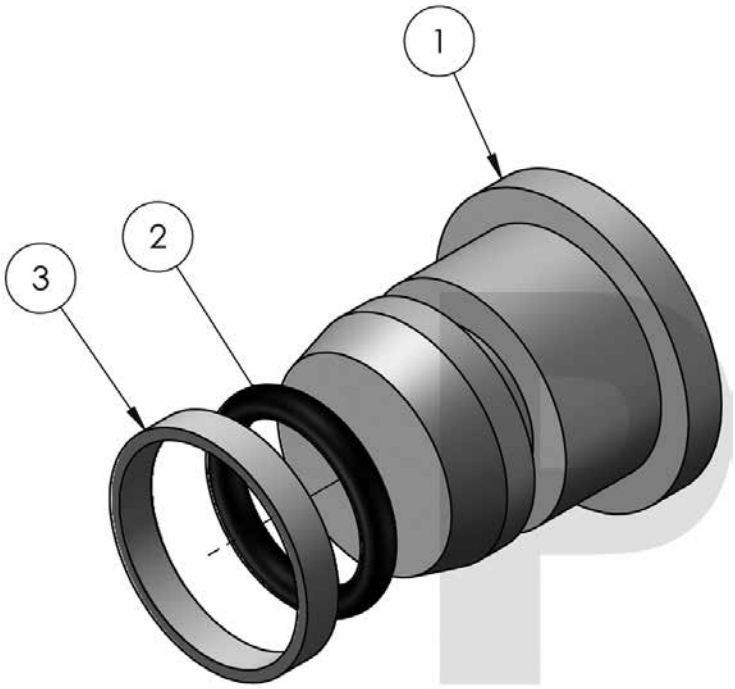
Piston Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	67285	PISTON	1
2	97326	O RING	1
3	97326	SLIP RING	1

Lube Pump Rebuilt Kit

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	67279	CYLINDER COMPLETE	1
2	108317	PRESSURE VALVE COMPLETE	3
3	91976	PLUG SCREW	1
4	67290	ADAPTER	1
5	108307	PLUG SCREW	1
6	22081	LUBE PUMP LEVER	1
7	97325	PRESSURE SPRING 22 X 52 X 2, 8	1
8	22082	PUMP LEVER PIN	1
9	90937	8MM-1.25 X 35 SOCKET HEAD CAP SCREW	4
10	92031	SEALING RING A20 X 24	1
11	67284	PISTON COMPLETE	1
12	190479	PRESSURE SPRING 7, 3 X 29, 4 X 1, 2	1
13	22090	SLEEVE	1
14	22089	PRESSURE SPRING 10 X 43 X 2	1
15	67283	RING	1
16	108316	PLUG SCREW	1
17	97855	O RING 8 X 2	4
18	97949	RING NIPPLE	3
19	97948	HOLLOW SCREW A6 DIN 7623-6.8	3
20	91417	SEALING RING A12 X 15.5 DIN 7603-CU	6
21	67282	WASHER	1

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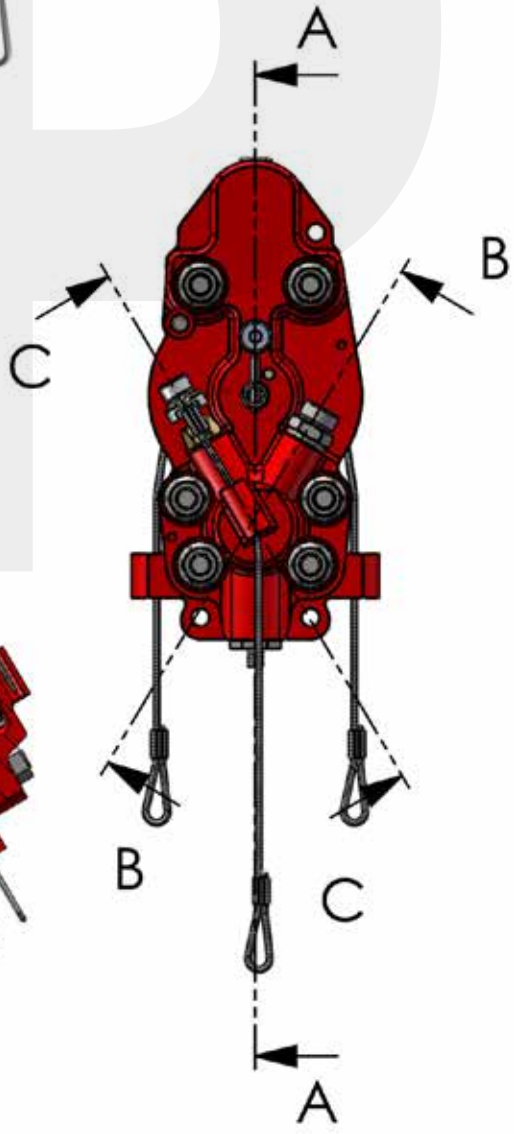
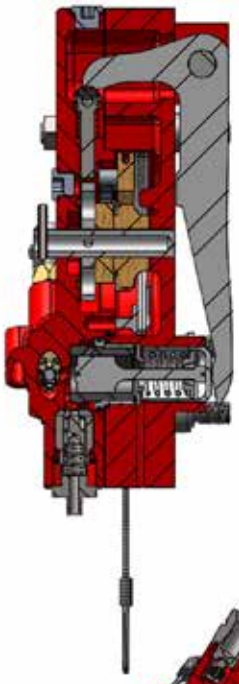
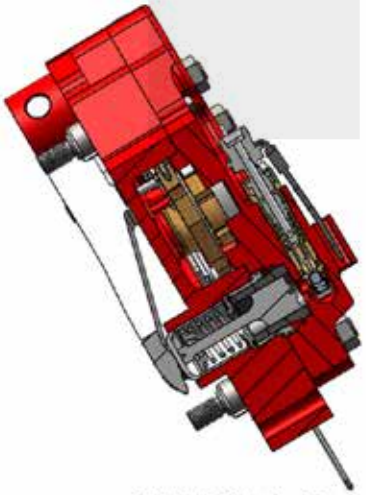
Manual Delivery Fuel Pump

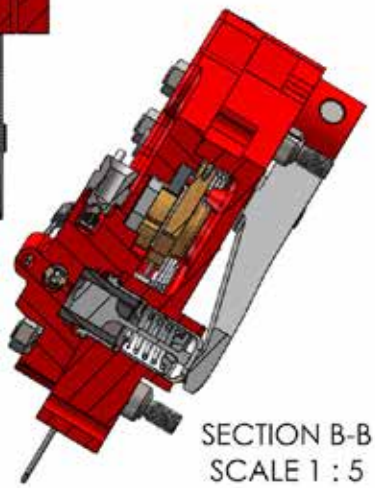


SECTION A-A
SCALE 1 : 5





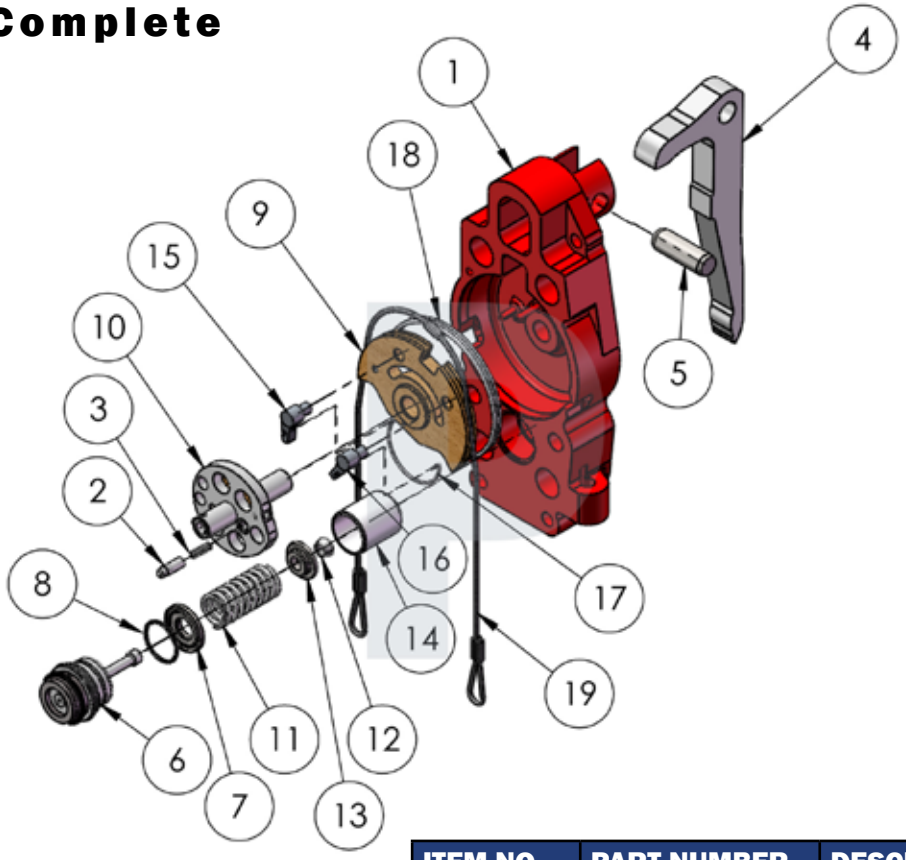
SECTION C-C
SCALE 1 : 5



SECTION B-B
SCALE 1 : 5

Manual Variable Delivery Fuel Pump

Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	43289	PUMP BODY	1
2	22049	SCREEN PIN	1
3	22044	PRESSURE SPRING 5.5 X 20 X 1.2	1
4	41869	PUMP LEVER	1
5	22043	PUMP LEVER PIN	1
6	205039	D50 PUMP ELEMENT 28MM	1
7	43994	HOLDER RING	1
8	92996	ROUND SEALING RING 35 X 2.5	1
9	22040	ROPE DISC	1
10	43308	SWITCH SHAFT	1
11	22060	PRESSURE SPRING 28 X 67.2 X 3.5	1
12	22059	CONICAL RING 2 PCS	1
13	22058	SPRING RETAINING COLLAR	1
14	43287	GUIDE SLEEVE	1
15	22051	CAM	1
16	22052	CAM	1
17	22245	SPRING	1
18	22062	SWIVEL SPRING	1
19	17546	REGULATION ROPE	1

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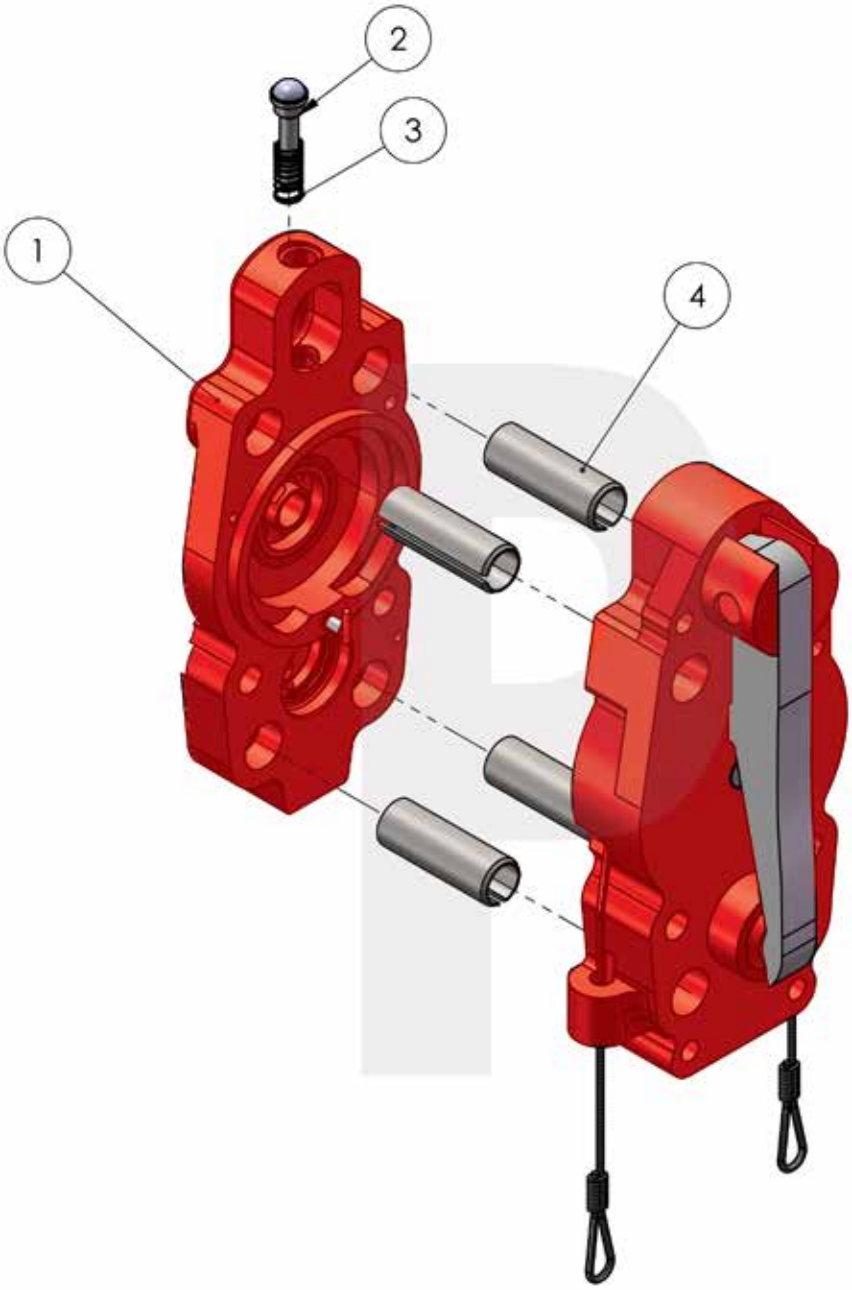
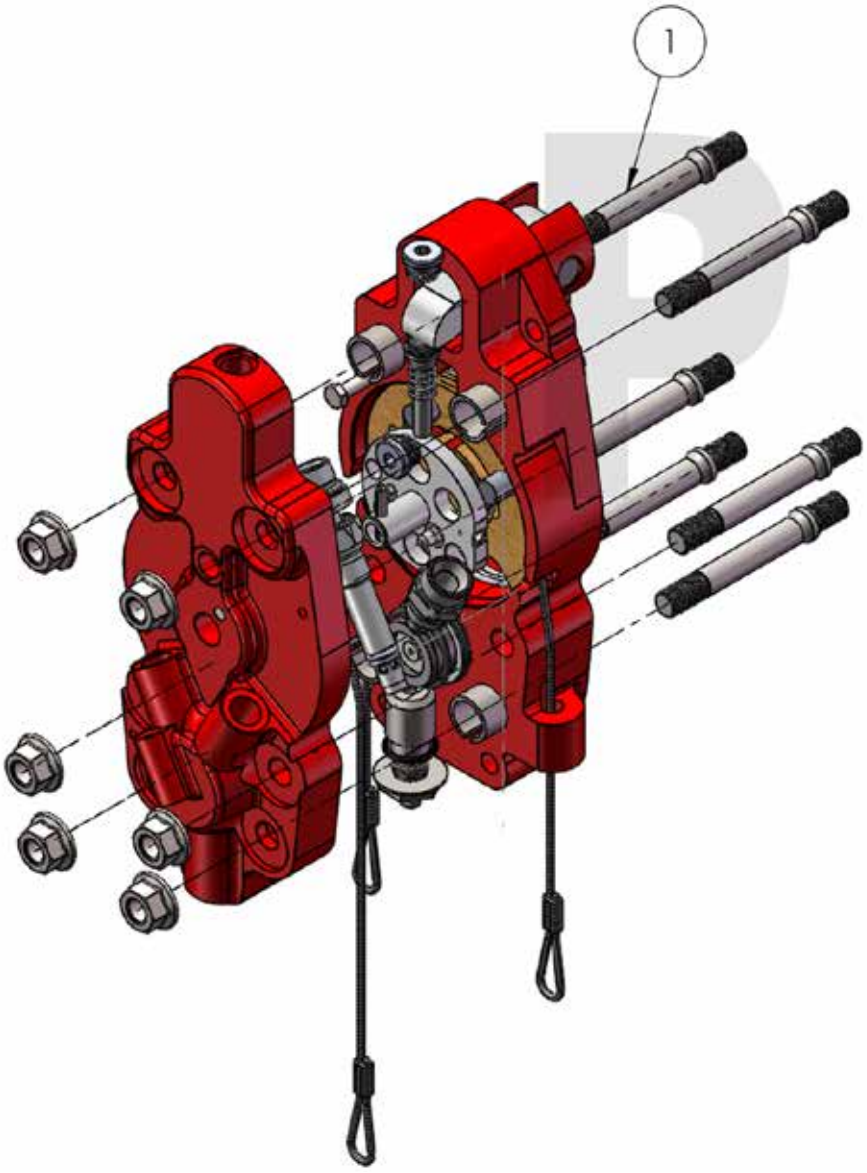
Manual Variable Delivery Fuel Pump

Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	43291	PUMP COVER	1
2	62125	PRESSURE PIECE	1
3	22046	PRESSURE SPRING	1
4	94315	DOWEL PIN 28 X 80	4

Manual Variable Delivery Fuel Pump
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	20189	PUMP STUD M16	6

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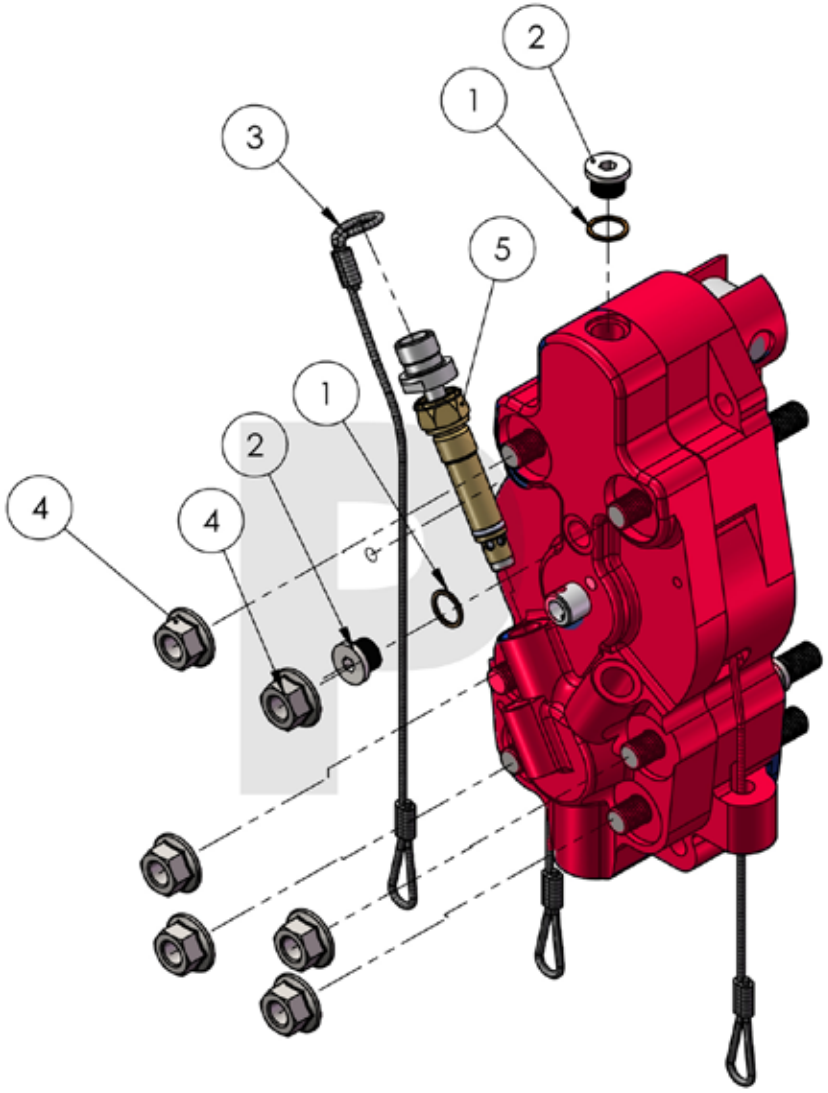
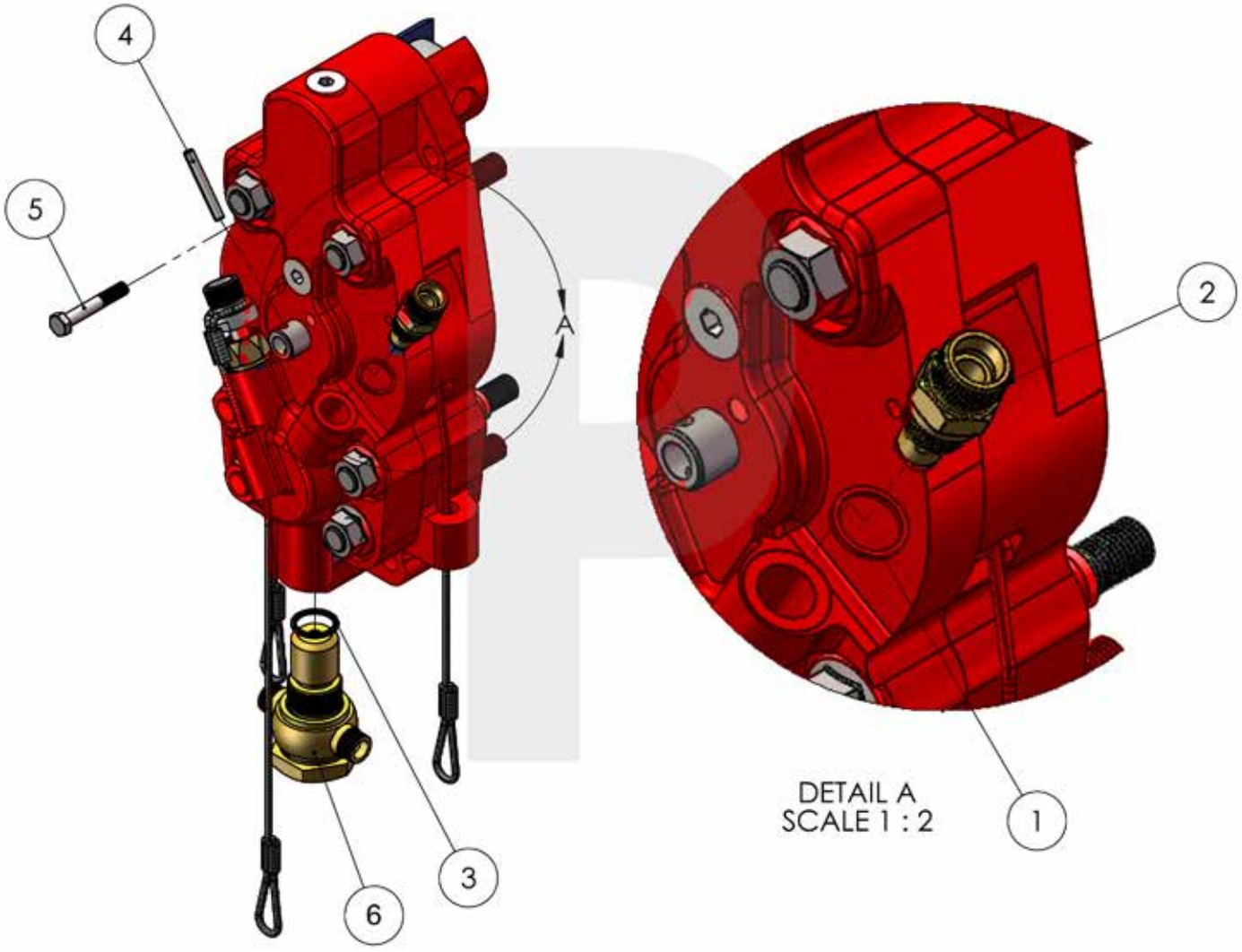
Manual Variable Delivery Fuel Pump
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	90002	SEALING RING A18 X 22	2
2	93055	PLUG SCREW M18 X 1.5	2
3	17546	REGULATING ROPE	1
4	94722	M16 WASHER NUT	6
5	41868	STOP VALVE COMPLETE	1

Manual Variable Delivery Fuel Pump

Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	92031	SEALING RING A20 X 24	1
2	41863	SUCTION VALVE	1
3	91296	O-RING 22 X 3	1
4	90150	DOWEL PIN 6 X 40	1
5	93456	LOCKING SCREW M8 X 50	1
6	60827	CHECK NON-RETURN VAVLE COMPLETE	1

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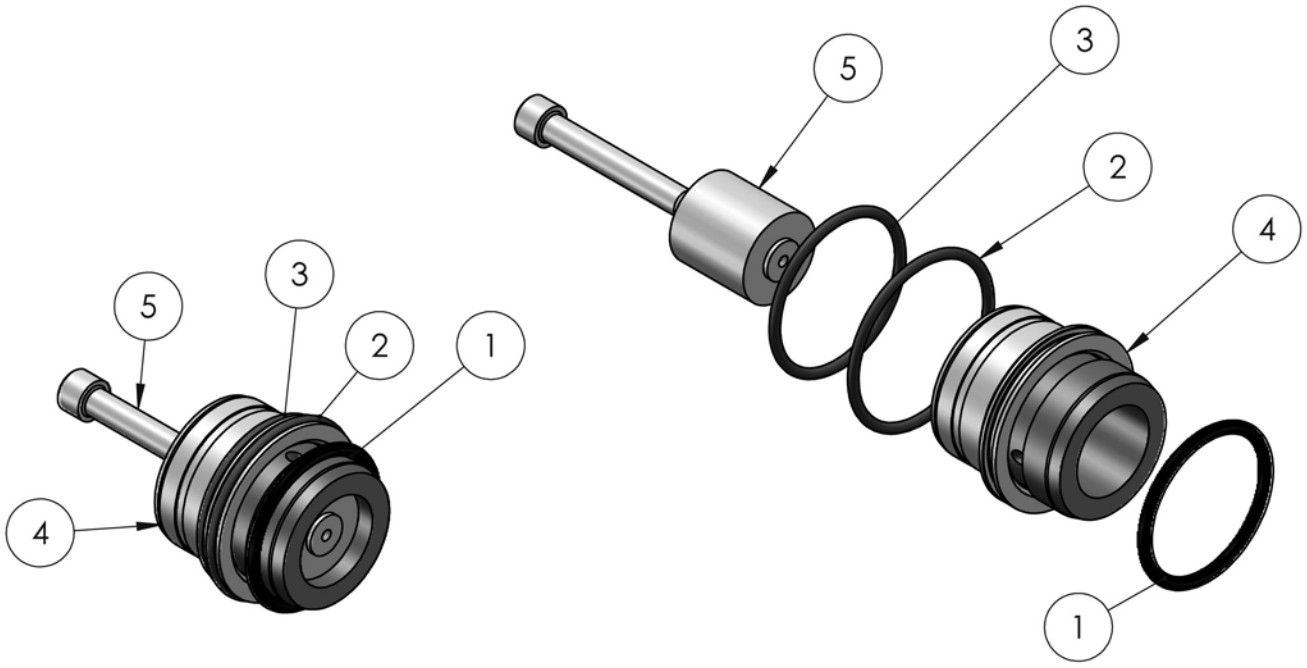
28MM Pump Element
Complete

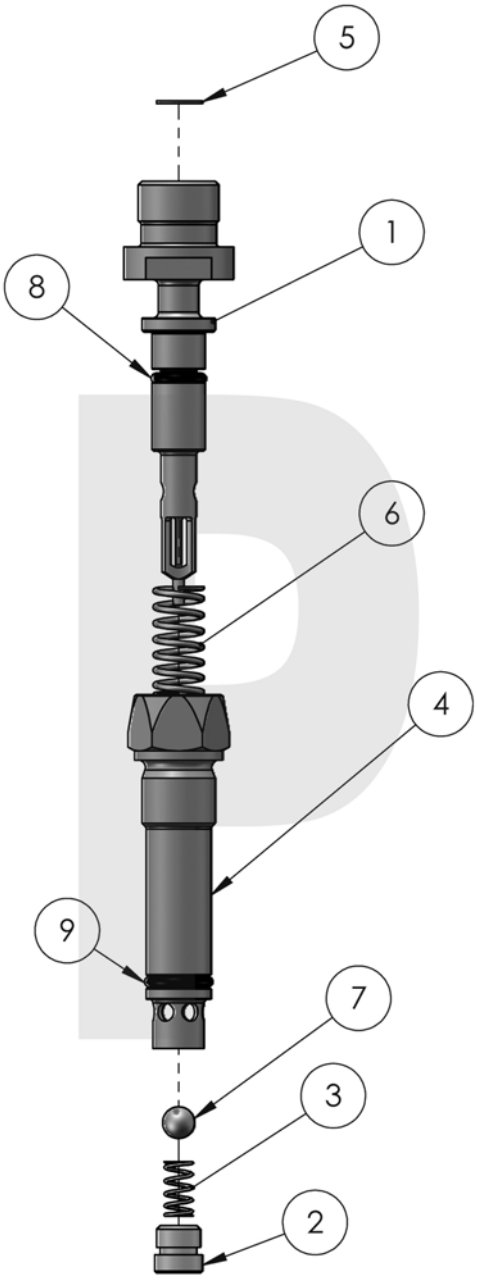


Sold as one complete unit!

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	95933	O-RING 42 X 3	1
2	91322	O-RING 44 X 3	1
3	91339	O-RING 40 X 2.5	1
4	205039	28MM ELEMENT BODY	1
5	205039	28MM ELEMENT PLUNGER	1

TOGETHER

Stop Valve
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	43138	VALVE PISTON	1
2	22021	THREADED PLUG	1
3	98929	PRESSURE SPRING	1
4	43130	VALVE SCREW	1
5	95768	CIRCLIP 20 X 1	1
6	43279	PRESSURE SPRING	1
7	98511	BALL 8.731MM	1
8	91894	O-RING 8 X 3	1
9	94316	O-RING 12 X 3	1

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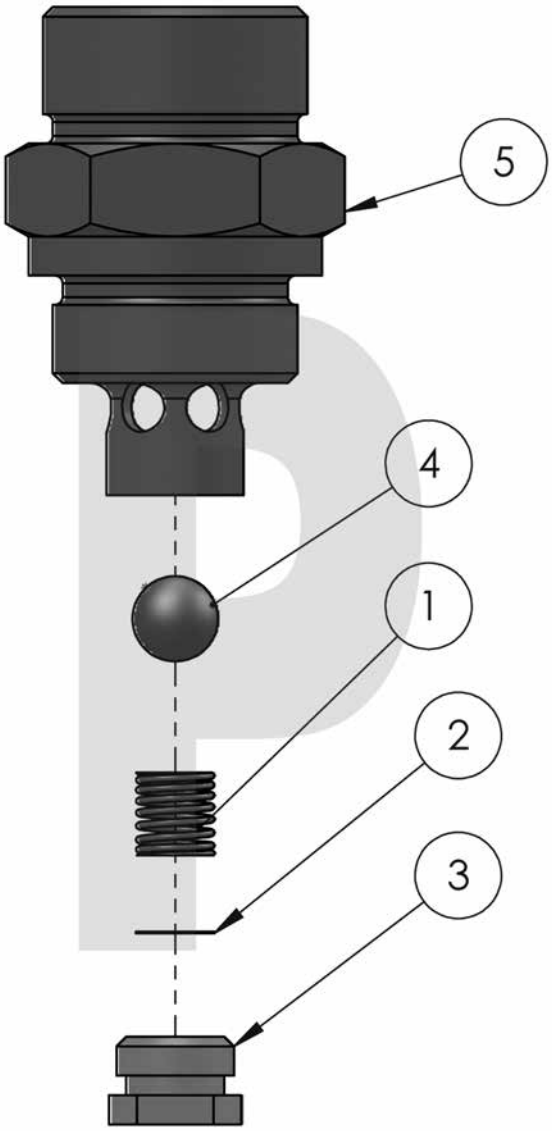
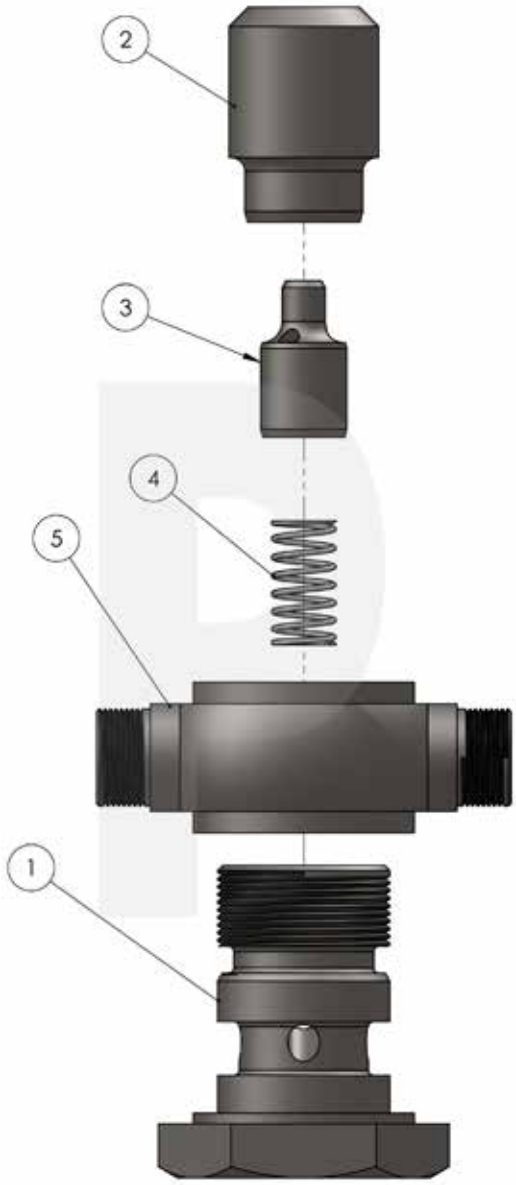
Suction Valve
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	22022	PRESSURE SPRING 7.3 X 8 X 0.7	1
2	22023	WASHER	2
3	41862	THREADED PLUG	1
4	98511	BALL 8.731MM	1
5	41861	SLEEVE	1

Check Non-Return Valve
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	60194	HOLLOW SCREW	1
2	43297	HOUSING	1
3	43299	VALVE PISTION	1
4	22034	PRESSURE SPRING	1
5	60195	RING NIPPLE	1

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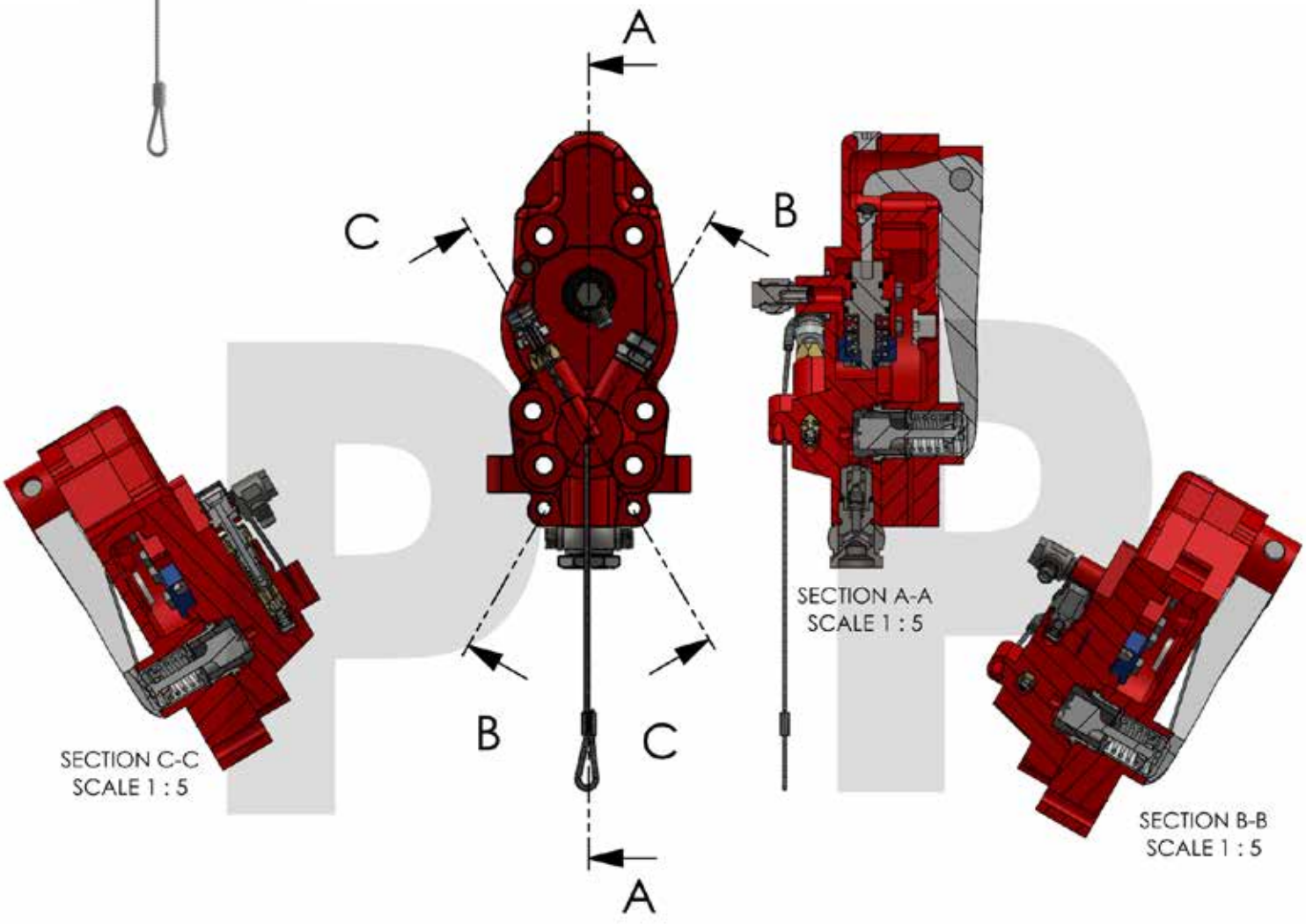
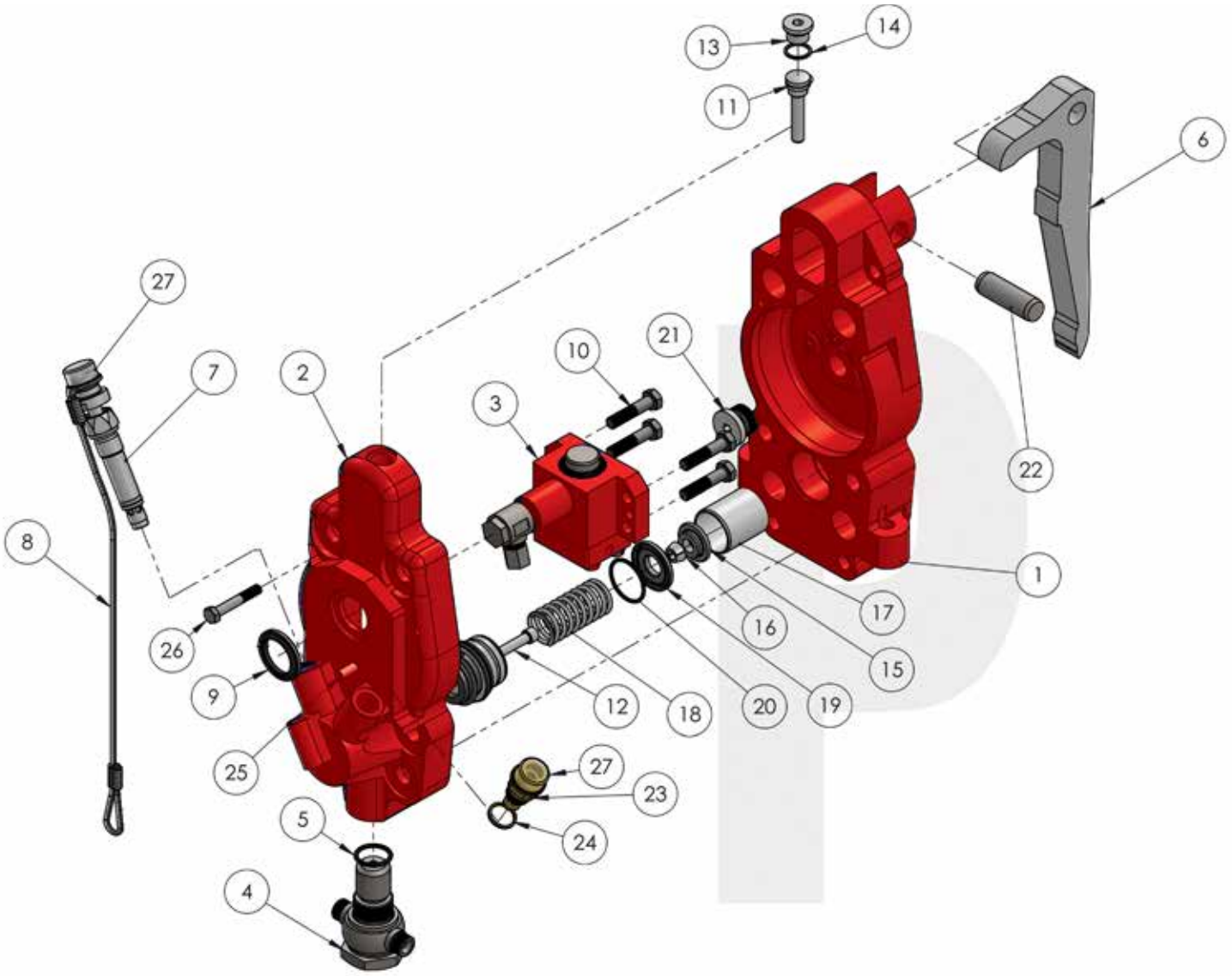
Hydraulic Delivery Fuel Pump



Hydraulic Variable Delivery Fuel Pump

Complete



Hydraulic Variable Fuel Pump Continued.....

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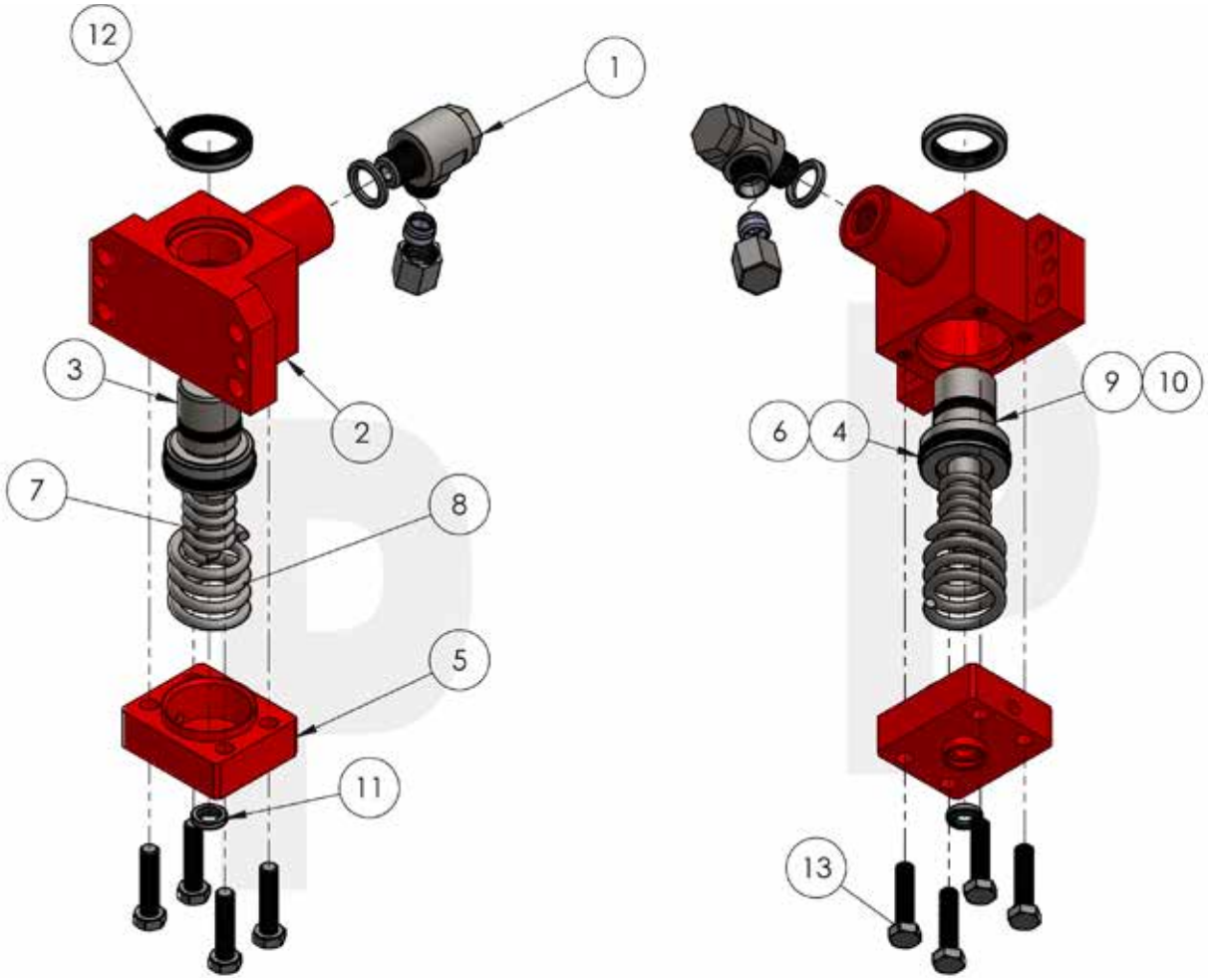
Hydraulic Variable Delivery Fuel Pump

Complete

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205503	PUMP BODY	1
2	205508	PUMP COVER	1
3	122446-C	FUEL PUMP CONTROL COMPLETE	1
4	60827	CHECK NON RETURN VALVE COMPLETE	1
5	91296	O RING 22 X 3	1
6	41869	PUMP LEVER	1
7	41868	STOP VALVE COMPLETE	1
8	17546	REGULATING ROPE	1
9	205507	DUST RING	1
10	93414	10-1.5 X 30 HEX HEAD CAPSCREW 8.8	4
11	205501	PRESSURE PIECE	1
12	64813	D46 PUMP ELEMENT 27MM	1
13	93055	PLUG SCREW 18 X 1.5	1
14	90002	SEALING RING 18 X 22	1
15	22058	SPRING RETAINING COLLAR	1
16	22059	CONICAL RING 2 PCS	1
17	43287	GUIDE SLEEVE	1
18	22060	PRESSURE SPRING 28 X 67.2 X 3.5	1
19	43995	HOLDER RING	1
20	92996	ROUND SEALING RING 35 X 2.5	1
21	91885	PLUG SCREW M26 X 1.5	1
22	22043	PIN	1
23	41863	SUCTION VALVE	1
24	92031	SEALING RING A20 X 24	1
25	205506	DOWEL PIN 8 X 20	1
26	93456	LOCKING SCREW M8 X 50	1
27	93236	PROTECTION CAP	2

Fuel Pump Control
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205509	METRIC BITE TYPE FITTING M16 X 1.5	1
2	126538-C	CYLINDER	1
3	126539	PISTON	1
4	193444	O-RING 32.93 X 3.53	1
5	126537-C	COVER	1
6	193446	BACK UP RING	1
7	193451	PRESSURE SPRING	1
8	193450	PRESSURE SPRING	1
9	193445	O-RING 20.22 X 3.53	1
10	193447	BACK UP RING	1
11	193448	ROD WIPER	1
12	193449	ROD WIPER	1
13	94989	8-1.25 X 35 HEX HEAD CAPSCREW	4

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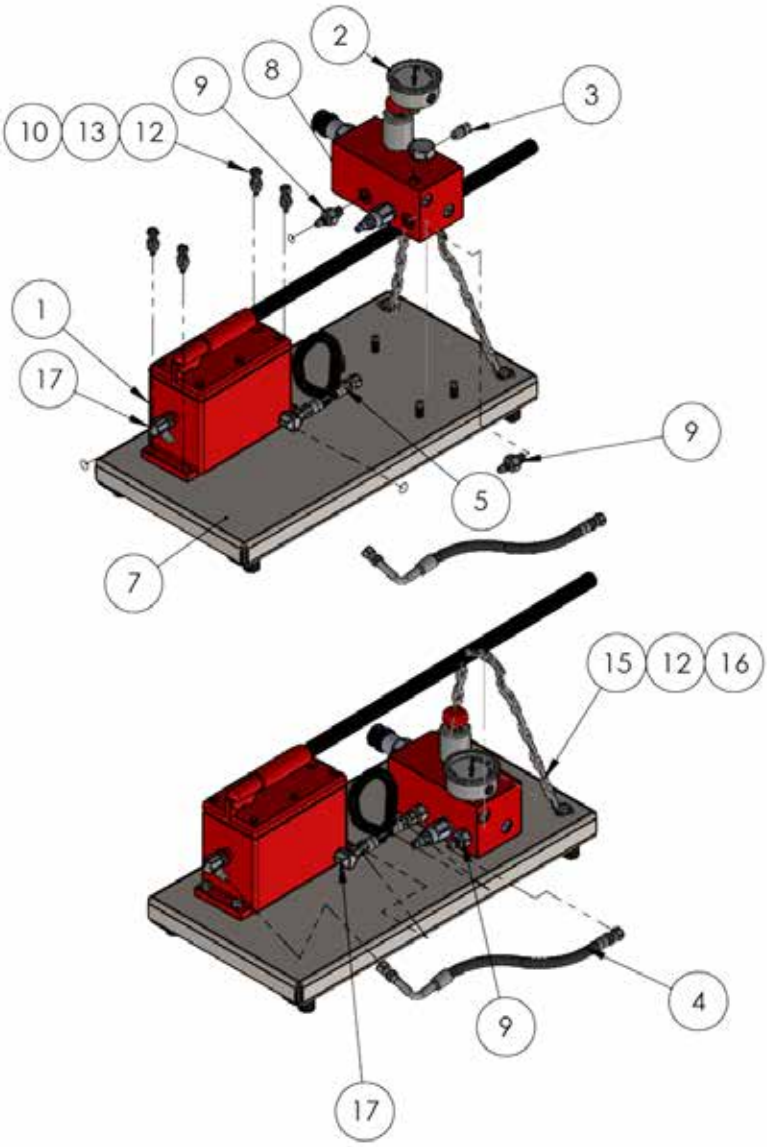
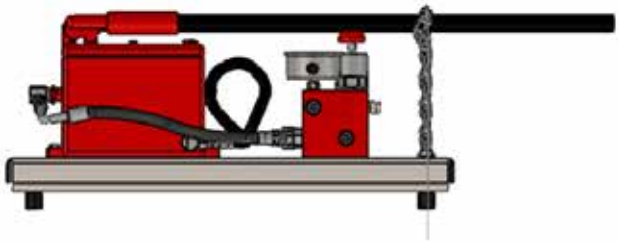
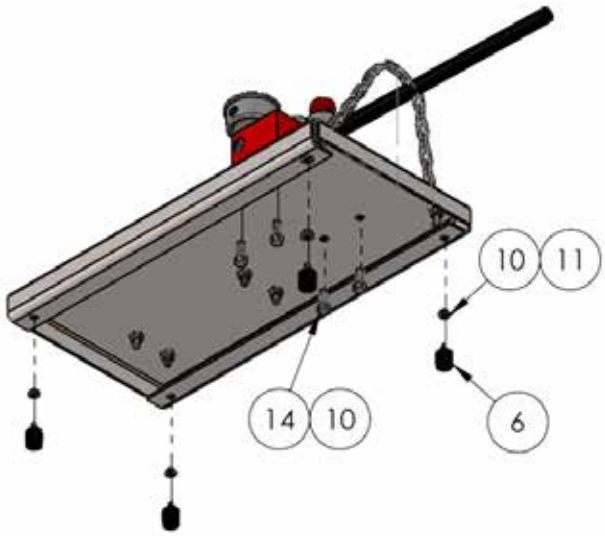
Hydraulic Hand Pump
Assembly







Hydraulic Hand Pump Continued.....

Hydraulic Hand Pump
Assembly

Hydraulic Hand Pump Continued....

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	55107	P-51 ENERPAC PUMP	1
2	55120	G25-SL600-CB SS PRESSURE GAUGE	1
3	55121	4SAE MALE TO 1/4 NPT MALE ADAPTER	1
4	55104	1/4 JIC FEMALE SWIVEL FITTING TO 1/4 JIC FEMALE SWIVEL 1/4 PRESSURE HOSE	1
5	55109	1/4 JIC FEMALE SWIVEL FITTING TO 1/4 JIC FEMALE SWIVEL HOSE TO TANK	1
6	55122	RUBBER FOOT 1" X 1" - 5/16-18 X 3/4 BOLT	4
7	55105	PLATE	1
8	55103	MANIFOLD COMPLETE	1
9	55123	4 SAE MALE TO 1/4 JIC MALE STRAIGHT ADAPTER	2
10	8001049	5/16 SPLIT LOCK WASHER	17
11	55125	M6-1.0 JAM NUT	4
12	8001050	5/16-18 X 1 1/4 HEX HEAD CAP SCREW	6
13	1137184	10MM-1.5 NYLON INSERT LOCKNUT	6
14	8005969	5/16-18 X 1 HEX HEAD CAP SCREW GR 5	4
15	55108	CHAIN LINK #2/0 X 16"	1
16	8005970	5/16 FLAT WASHER	2
17	8005975	1/4 MALE JIC TO 1/4" FEMALE NPT FITTING	2

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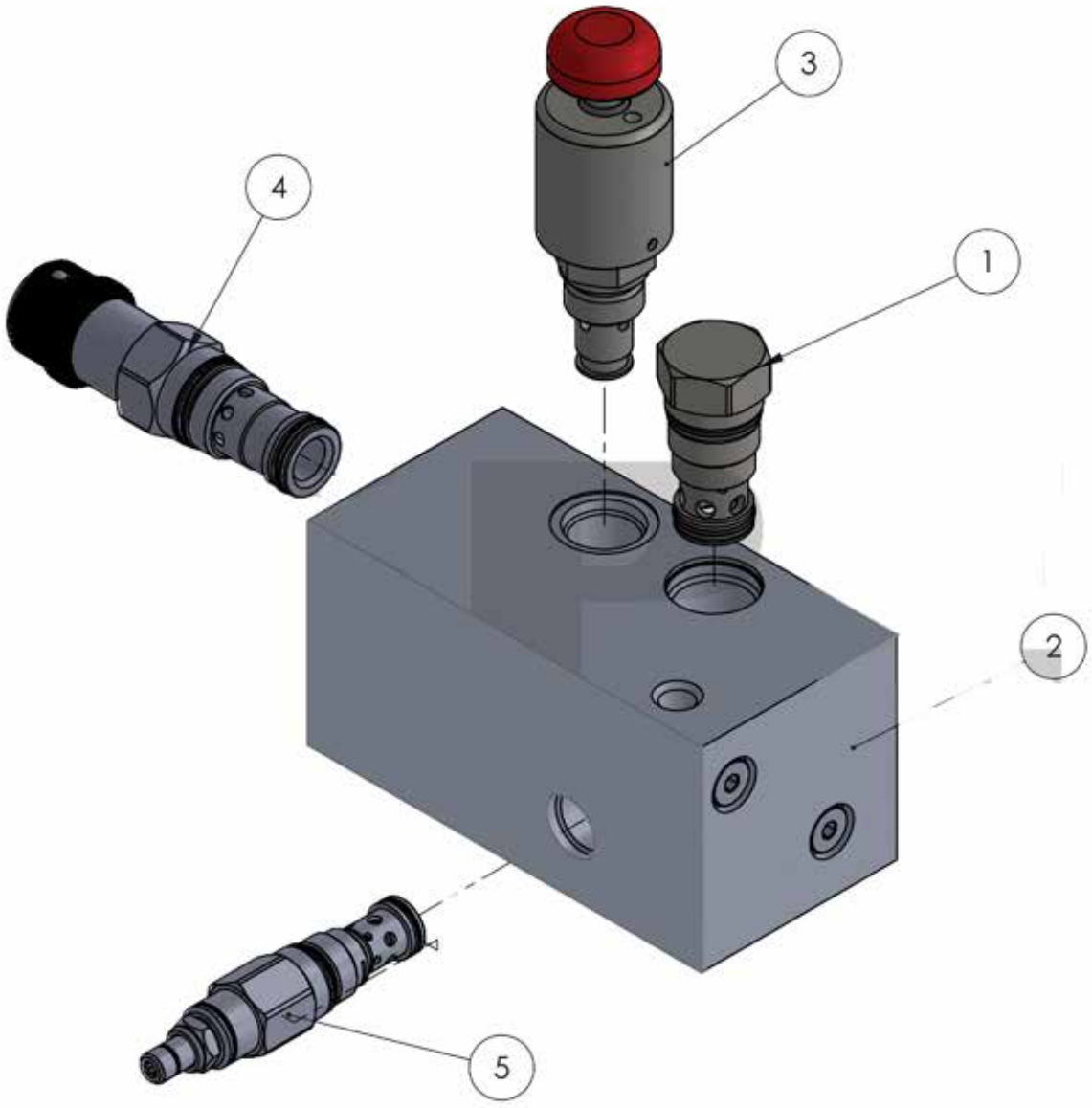
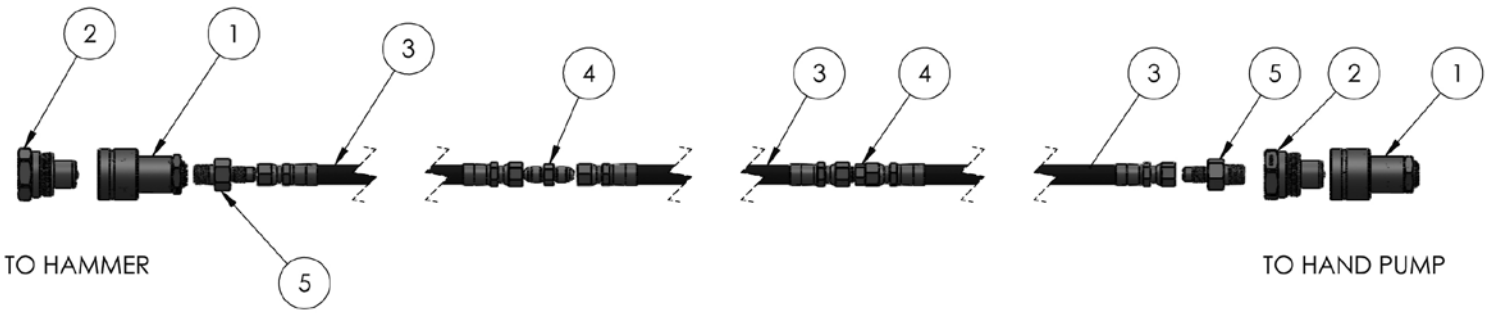
Manifold
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	55110	CXFA-XCN DIRECTION CHECK	1
2	55106	MANIFOLD	1
3	55111	DOERING DUMP VALVE	1
4	55112	NEEDLE VALVE	1
5	55113	RELIEF VALVE	1

HAND PUMP 1/4" HOSE ASSEMBLY
150FT IN 50FT SECTIONS



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	55133	1/4” COUPLER NPFT SCREW TYPE QUICK DISCONNECT FEMALE	2
2	55134	1/4” 3000 SERIES NIPPLE NPFT SCREW TYPE QUICK DISCONNECT MALE	2
3	8000440	4 FEMALE JIC TO 4 FEMALE JIC 1/4 HOSE 50FT	3
4	55137	4 JIC MALE TO 4 JIC MALE STRAIGHT ADAPTER	2
5	8001067	1/4 NPT MALE TO 1/4 JIC MALE STRAIGHT ADAPTER	2

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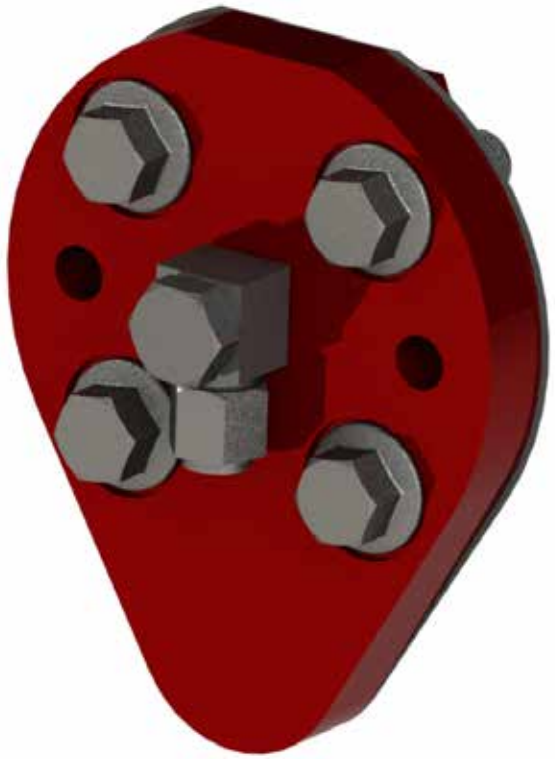
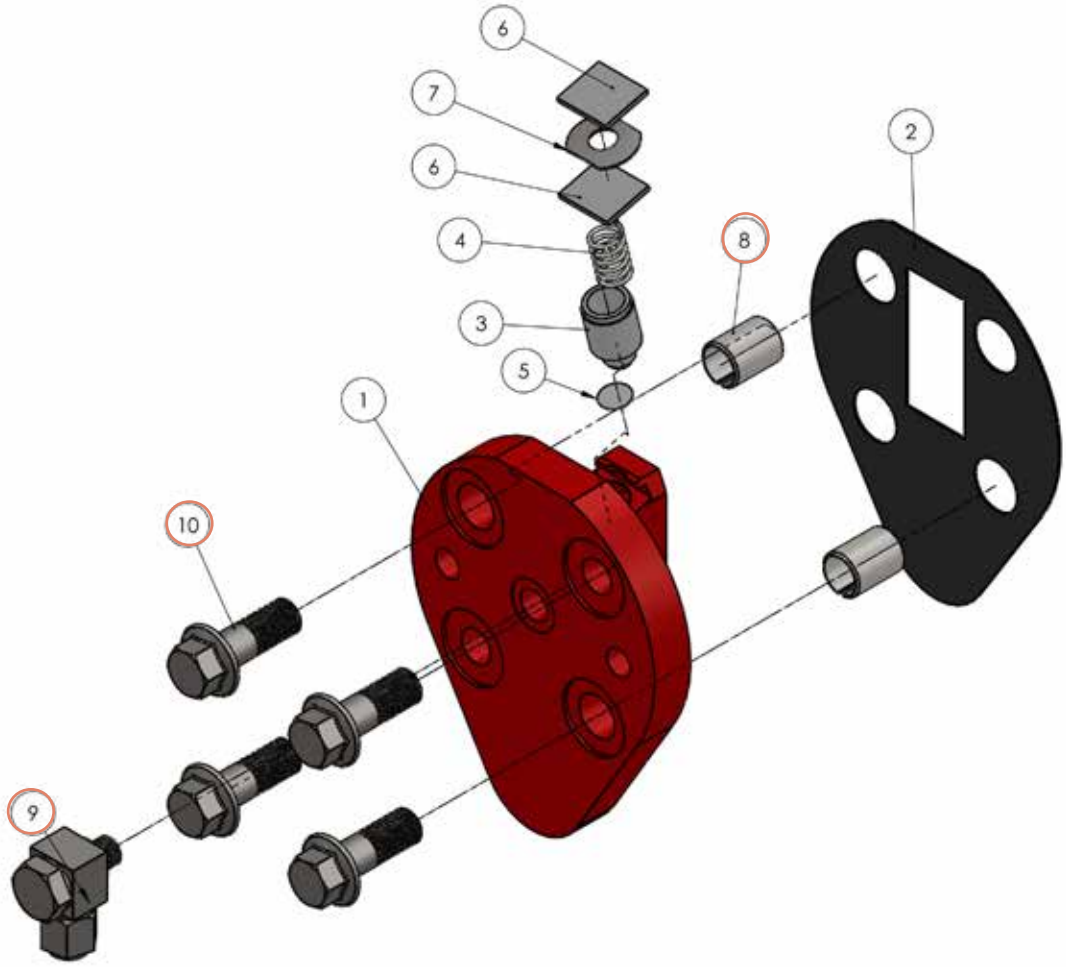
Fuel Injection



Fuel Injection Valve
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	63841	INJECTION PLATE	1
2	45647	GASKET	1
3	63843	VALVE PISTON	1
4	97569	PRESSURE SPRING	1
5	97573	ADJUSTING WASHER	1
6	64460	LOCKING PLATE	2
7	64461	SPRING WASHER	1
8 **sold separately**	95633	DOWEL PIN 21 X 28 DIN 7346	2
9 **sold separately**	97038	THREADED PIPE JOINT (UNION)	1
10 **sold separately**	95639	LOCKING SCREW M16 X 45	4

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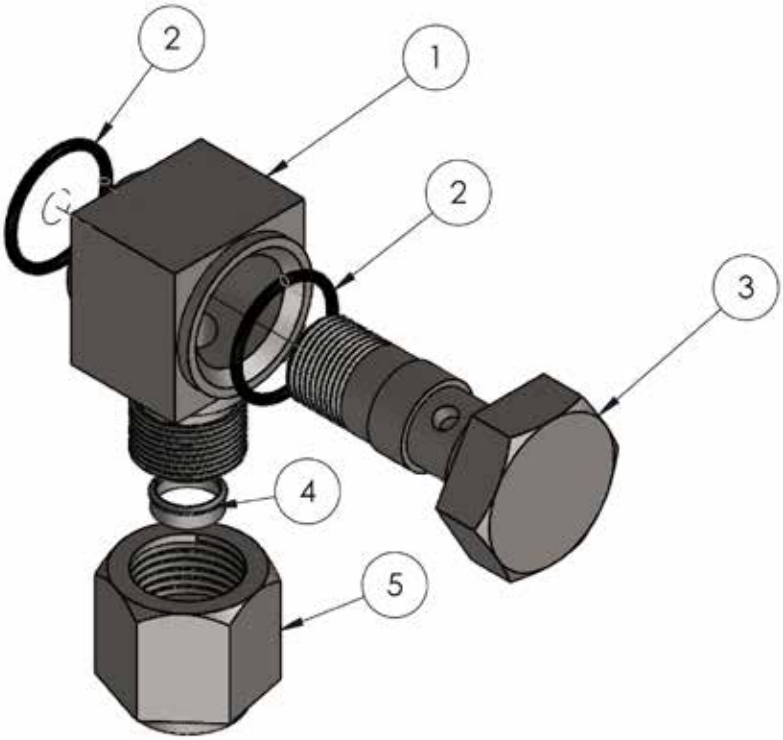
Threaded Pipe Joint
Complete



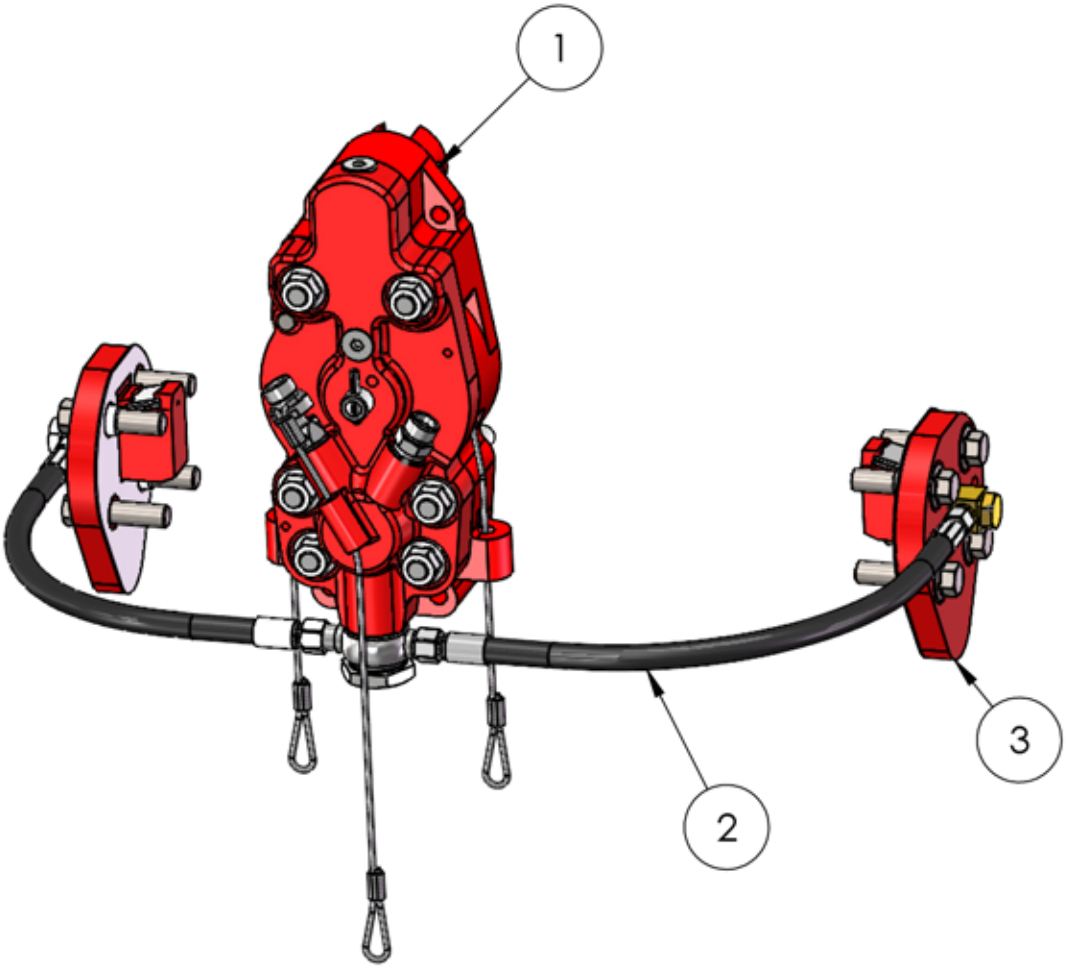
NOTE: ITEM SHOULD BE REPLACED WITH NEW PIPE JOINT COMPLETE WHEN REMOVED FOR SERVICING

#1 SOLD COMPLETE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	97038	THREADED PIPE JOINT	1
2	97258	O RING 17 X 1.5	2
3	210405	HOLLOW SCREW	1
4	90127	OLIVE	1
5	204012	UNION NUT M16X1.5	1

SOLD TOGETHER

Fuel Injection Device
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205038	D50 VARIABLE DELIVERY FUEL PUMP COMPLETE	1
2	191205	HOSE 3/8” HIGH PRESSURE 0.54M/22" LONG	2
3	63842	INJECTION VALVE COMPLETE	2

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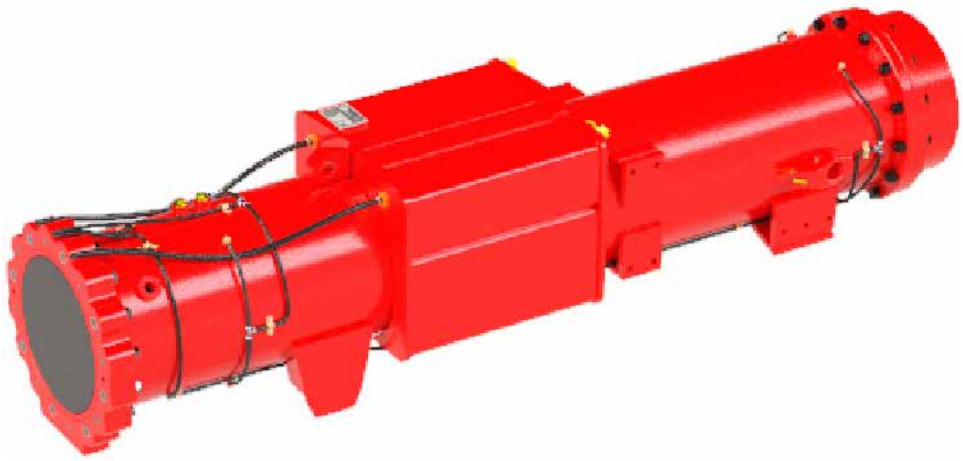
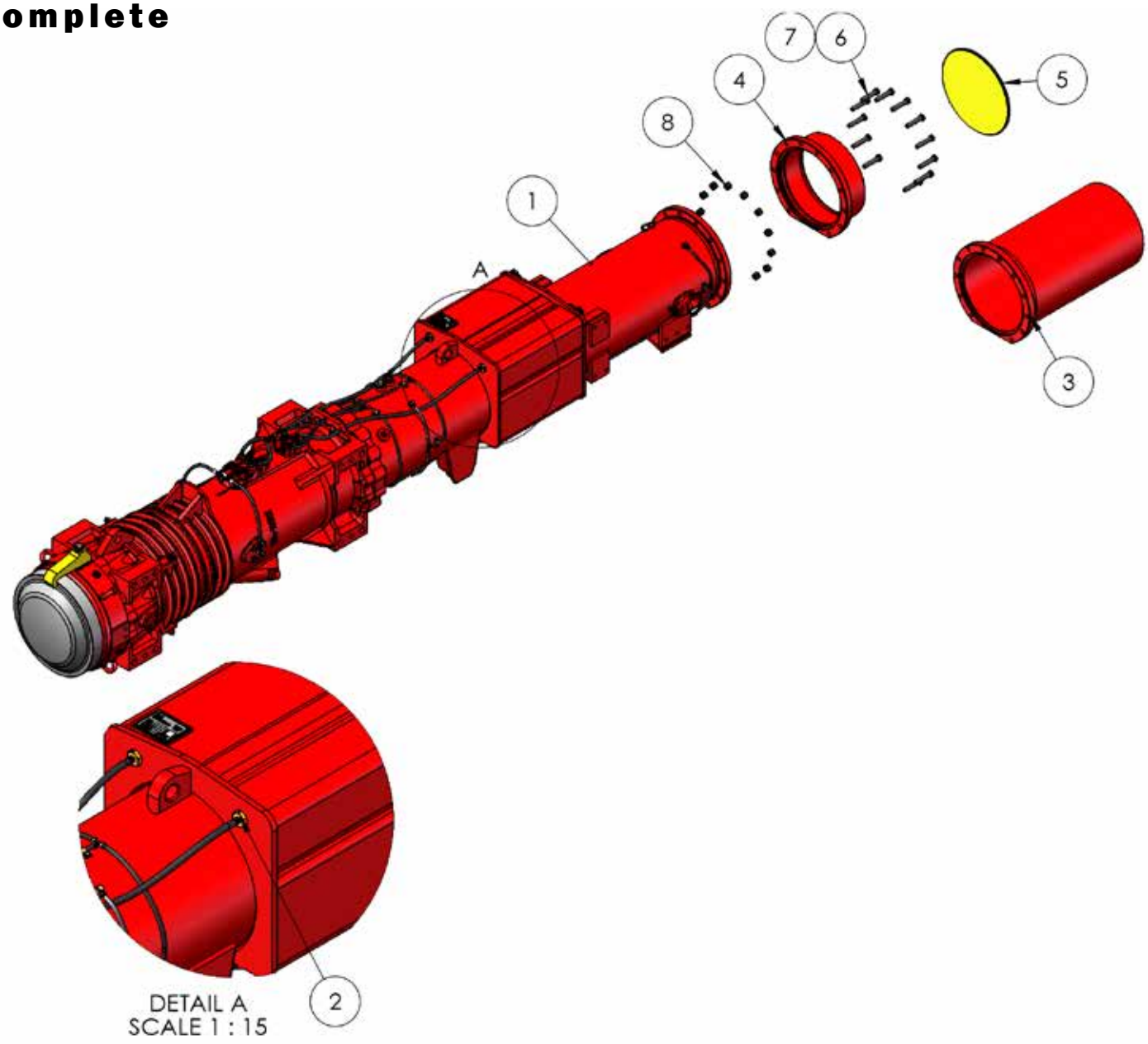
Upper Cylinder



Upper Cylinder
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	138802	UPPER CYLINDER	1
2	64403	FILTER ELBOW	1
3	205013	UPPER END RING L=1000mm	1
4	138804	UPPER END RING L-200mm	1
5	22691	PROTECTION CAP (RAIN CAP)	1
6	91929	24MM-3.0 X 120 HEX CAP SCREW 10.9	12
7	210603	24MM LOCK WASHER SCHNORR	24
8	90091	24MM-3.0 HEX NUT	12

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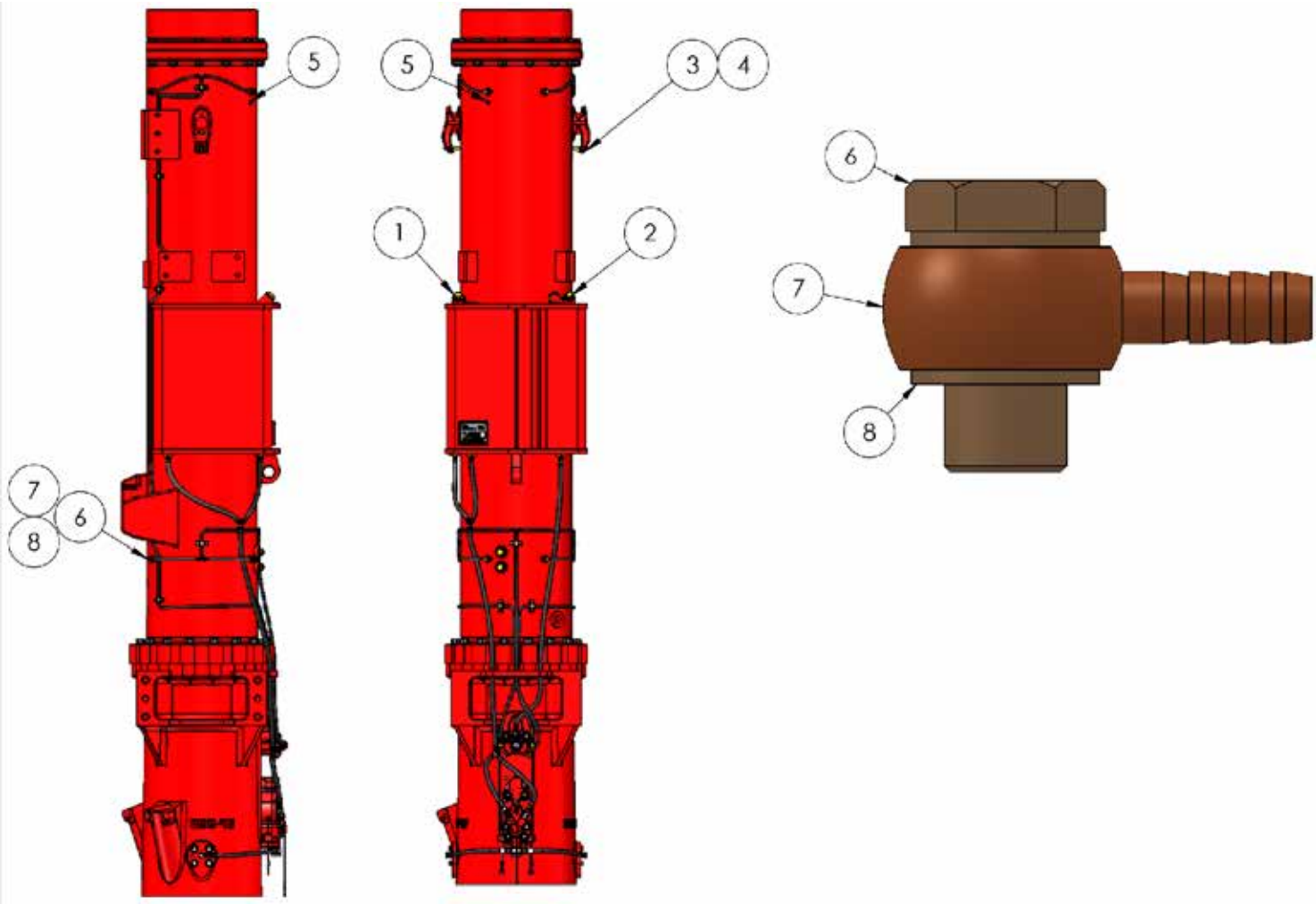
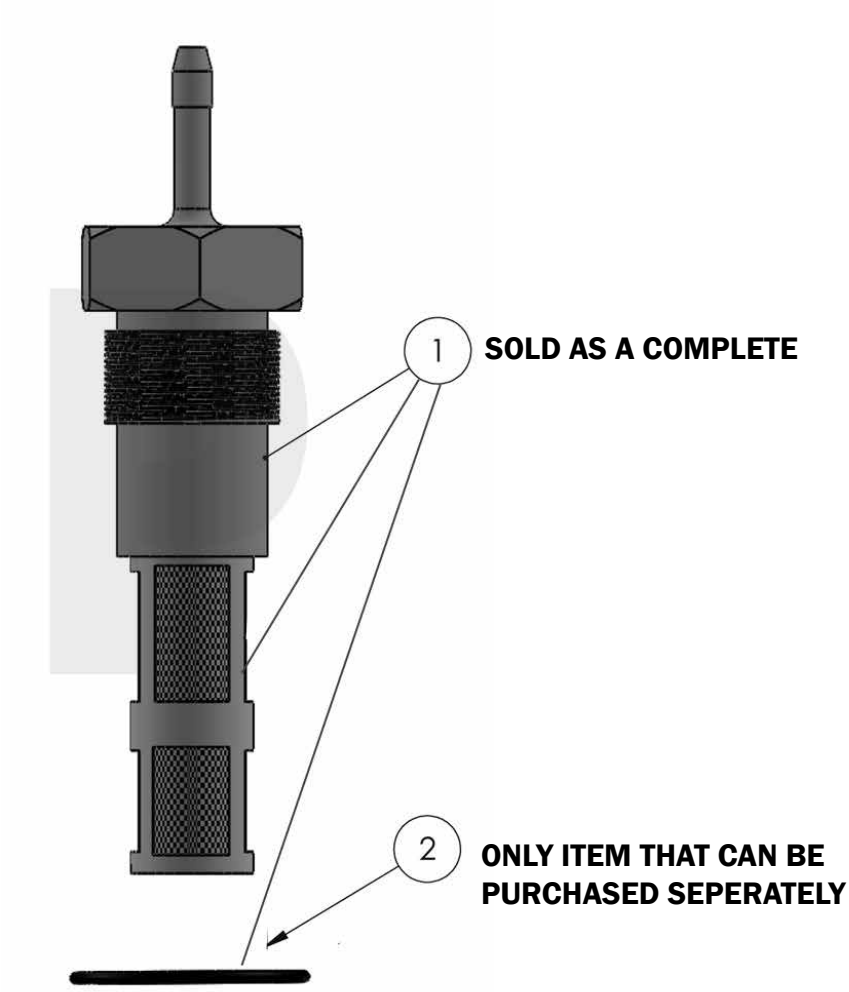
Upper Cylinder
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	17186	PLUG SCREW (DIESEL) COMPLETE	1
2	17188	PLUG SCREW (OIL) COMPLETE	1
3	17039	RATCHET	2
4	90044	12MM X 60 DOWEL PIN	2
5	90791	GREASE NIPPLE M10 X 1	2
6	97948	HOLLOW SCREW A6 DIN 7623-6.8	3
7	97949	RING NIPPLE	3
8	91417	SEALING RING A12 X 15.5 DIN 7603CU	6

Filter Elbow
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	64403	FILTER ELBOW COMPLETE	1
2	210607	O-RING 36 X 1.5	1

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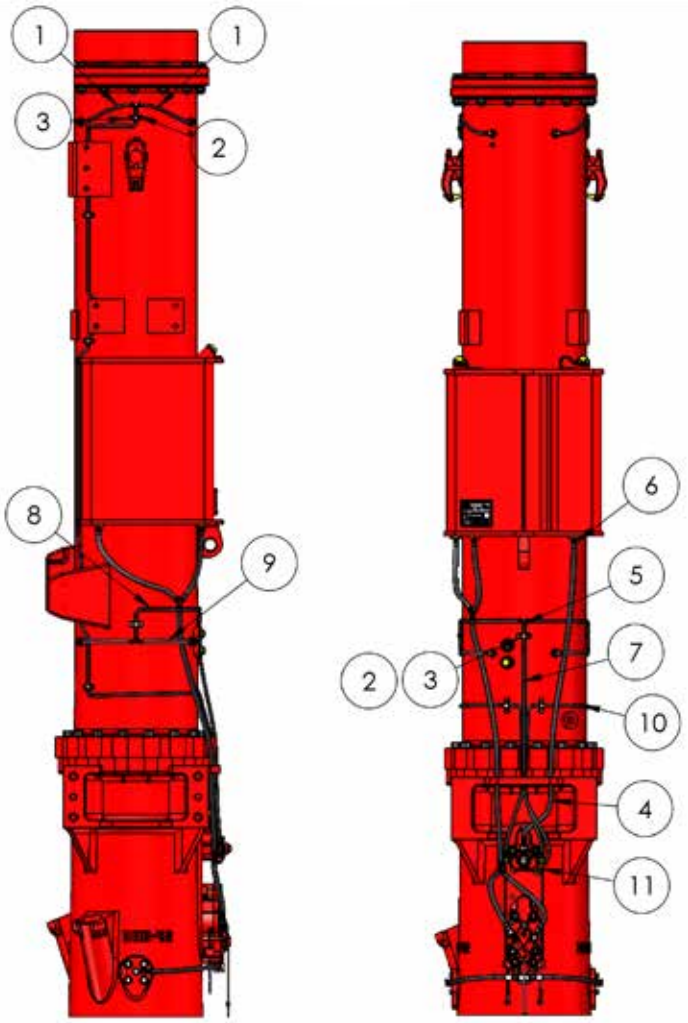
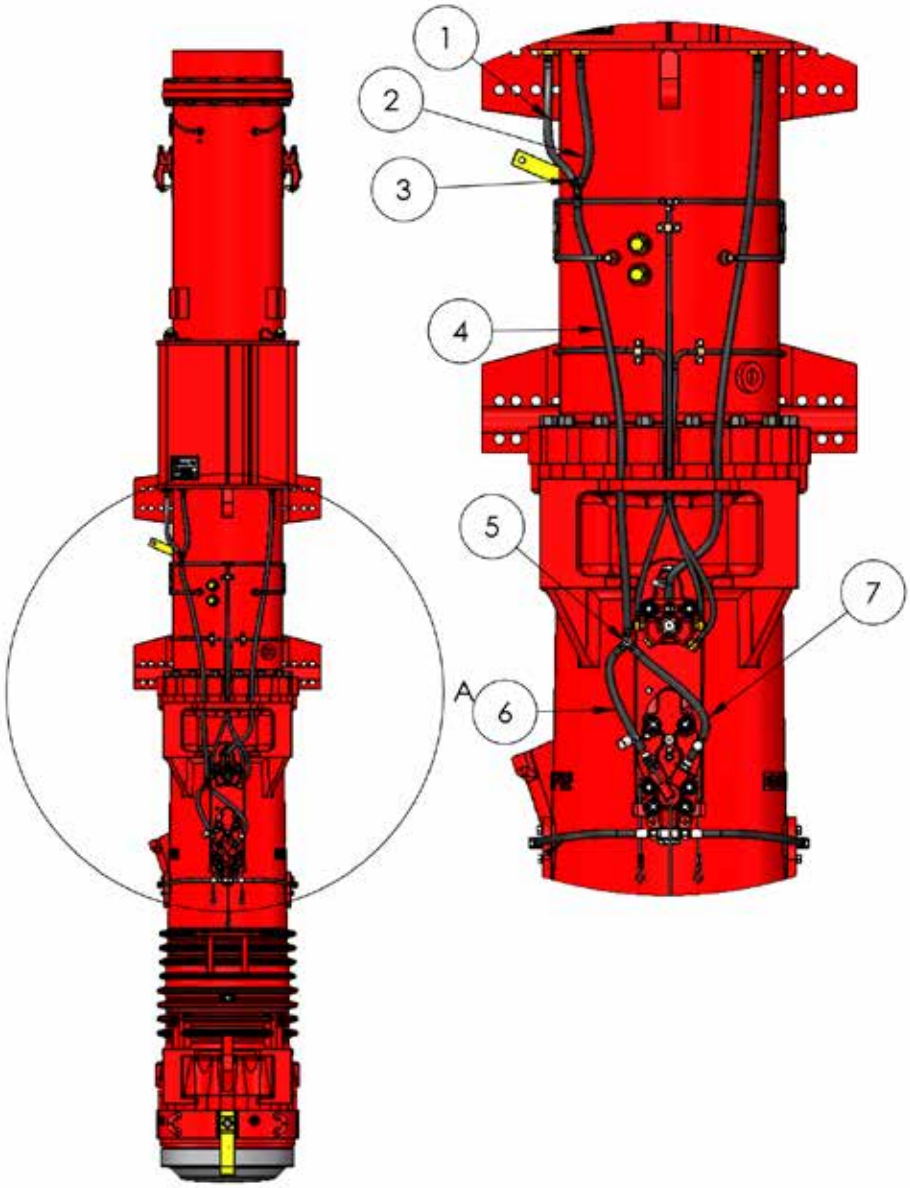
Lube Line w Connecting Parts
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	14644	HOSE .28M LONG	4
2	2932	CLIP	13
3	93412	LOCKING SCREW M8X12	26
4	190564	HOSE 1/2", 1.6M/63" LONG, w/CONNECTOR FOR D25-D50 LUBE LINE TO FUEL TANK	1
5	94522	T-PIECE	5
6	94299	HOSE CLIP 5/8"-1"	1
7	190563	HOSE 1/4", 1.35M/54" LONG (Lube Line D25-D50)	1
8	64848	HOSE .56M LONG	2
9	14644	HOSE .28M LONG	4
10	2033	HOSE 1/4", 4.05M/160IN LONG	2
11	95115	HOSE CLIP	26

Fuel Line–Breather Line
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	17332	HOSE 1/2", 0.8M/32" LONG FUEL LINE	1
2	99066	HOSE 1/2", 0.48M/19" LONG FUEL LINE	1
3	94299	HOSE CLAMP 5/8-1	8
4	190562	HOSE 1.35M LONG	1
5	99019	T-PIECE	2
6	96504	HOSE 0.33m LONG	1
7	207025	HOSE 0.36M LONG	1

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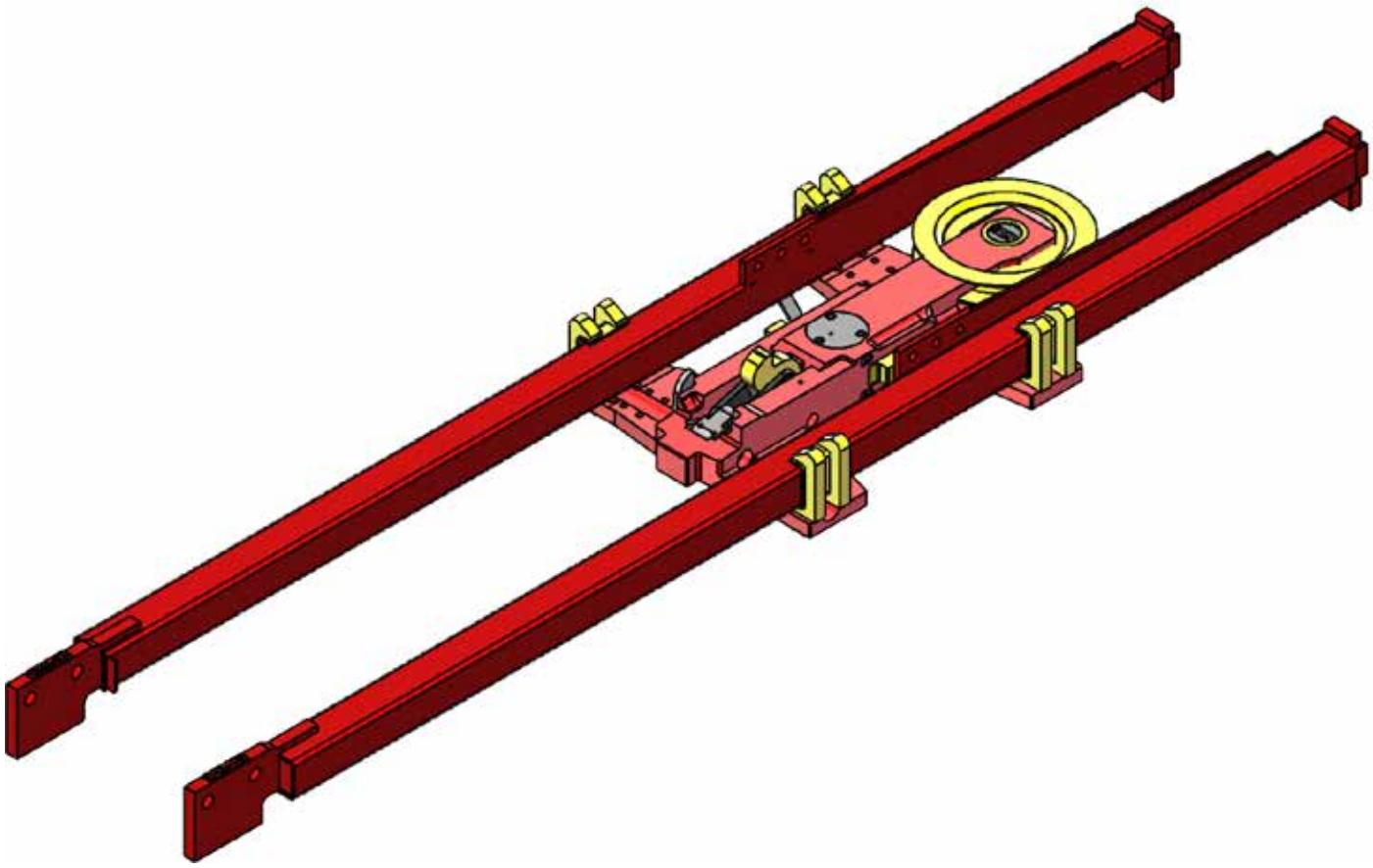
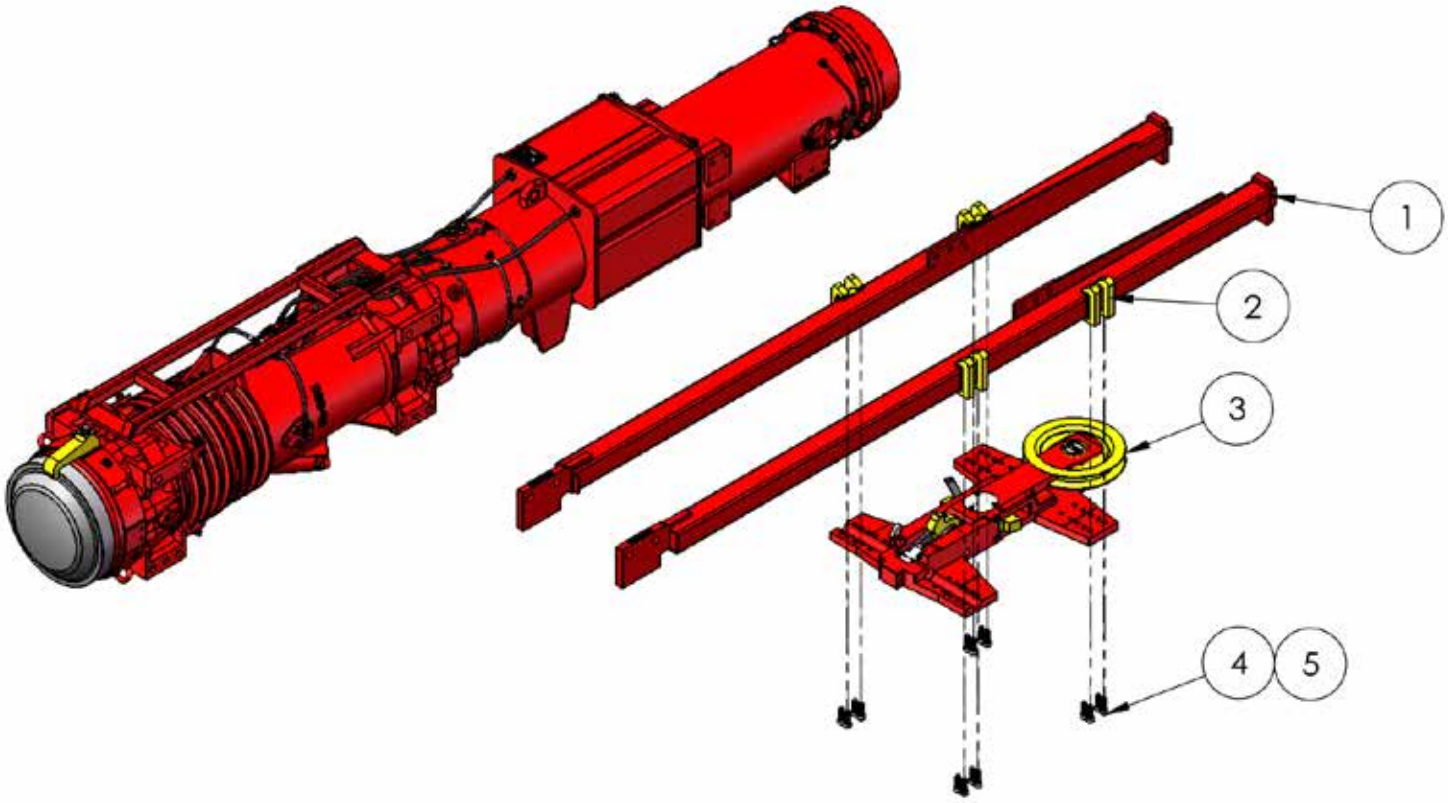
Manual Start Assembly

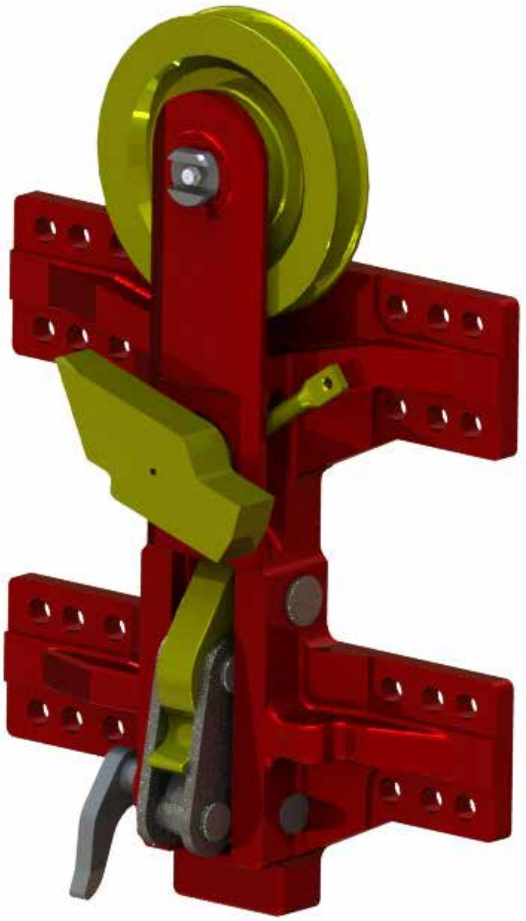


Manual Start Assembly

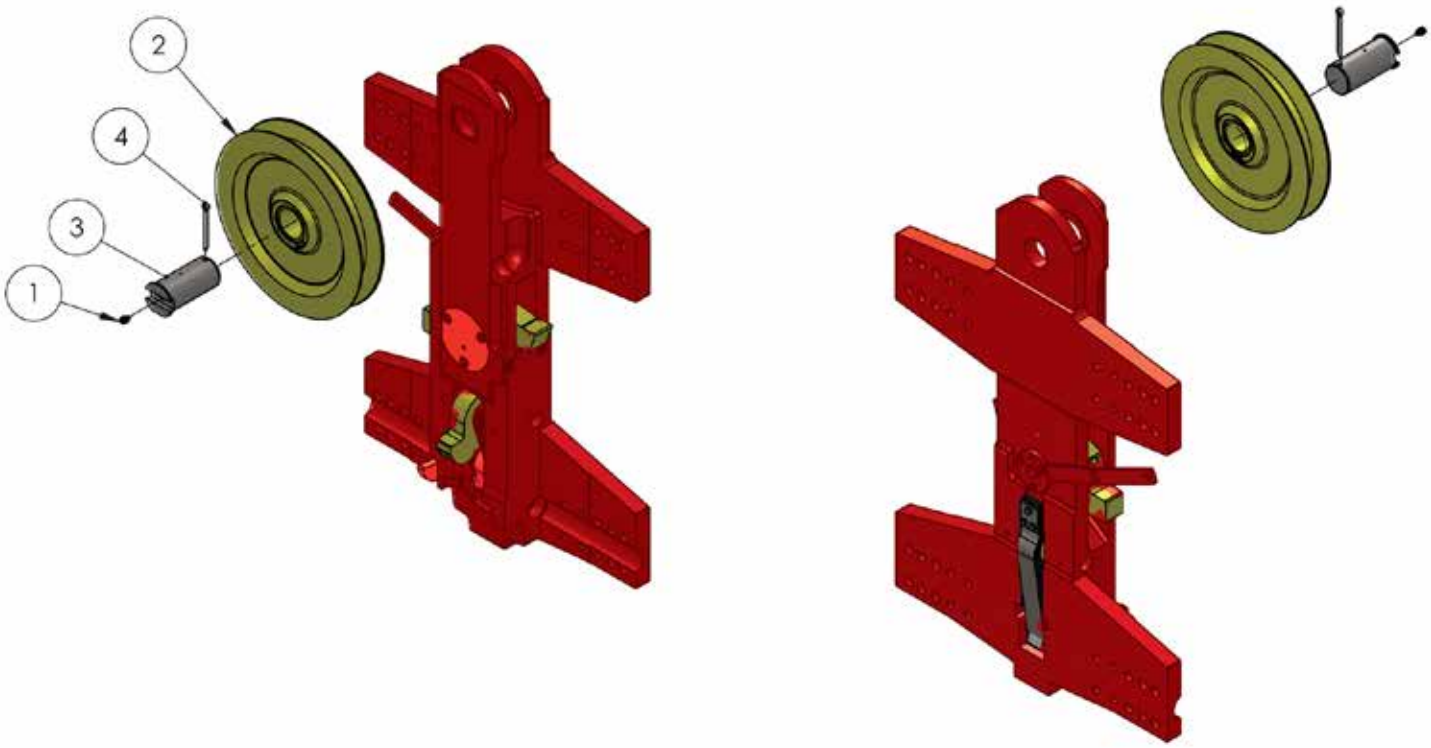


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205234	D36/D46/D50 STARTER GUIDE SET MANUAL START	1
2	205103	GUIDE GIB	4
3	104953	MANUAL TRIP DEVICE	1
4	204110	24MM-3.0 X 65 SOCKET HEAD CAP SCREW 12.9	16
5	204111	24MM LOCK WASHER SCHNORR	16

Starting Device (Trip)



Manual Starting Device (Trip)
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	90791	GREASE NIPPLE M10 X 1	3
2	205021	ROPE PULLEY	1
3	104946	SHEAVE PIN	1
4	95274	10 X 112 COTTER PIN	1

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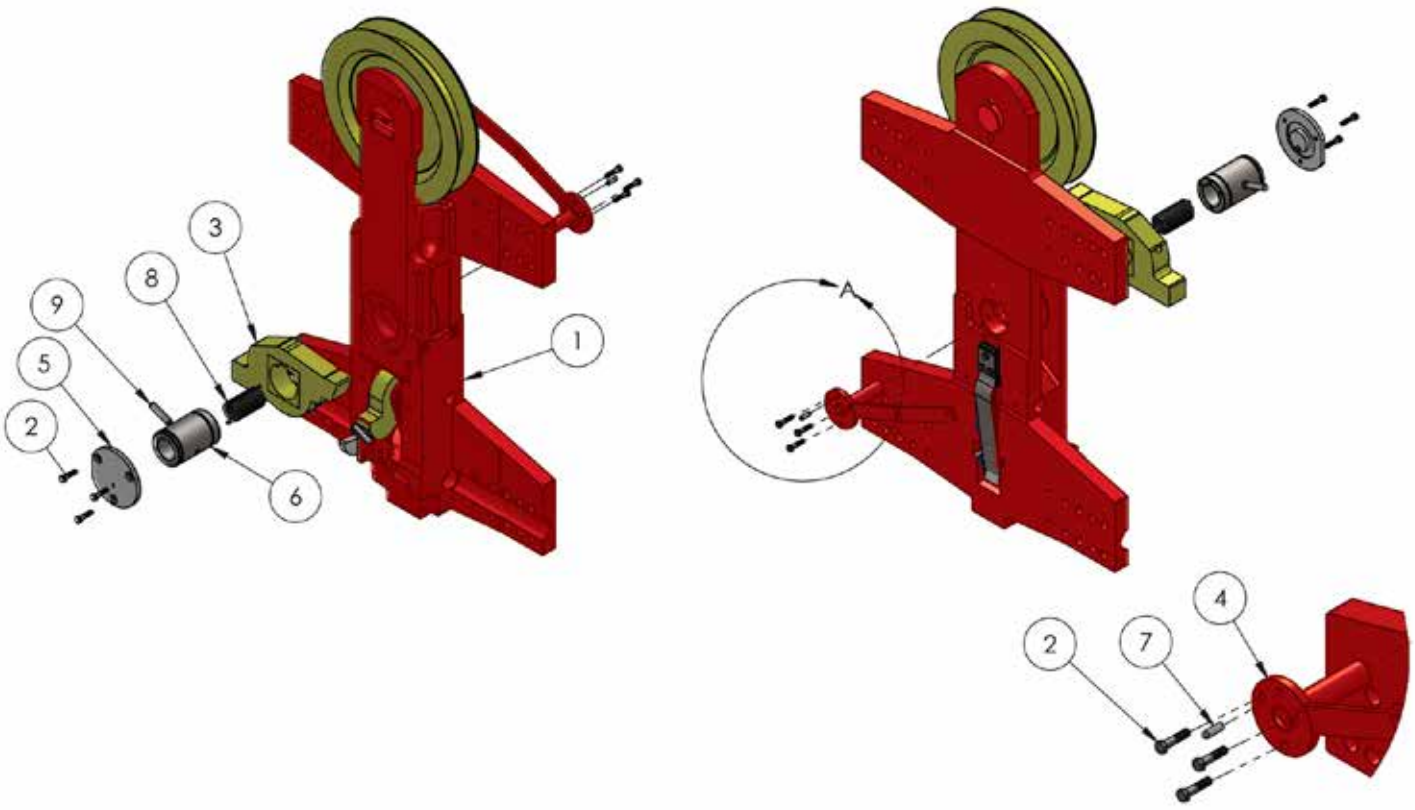
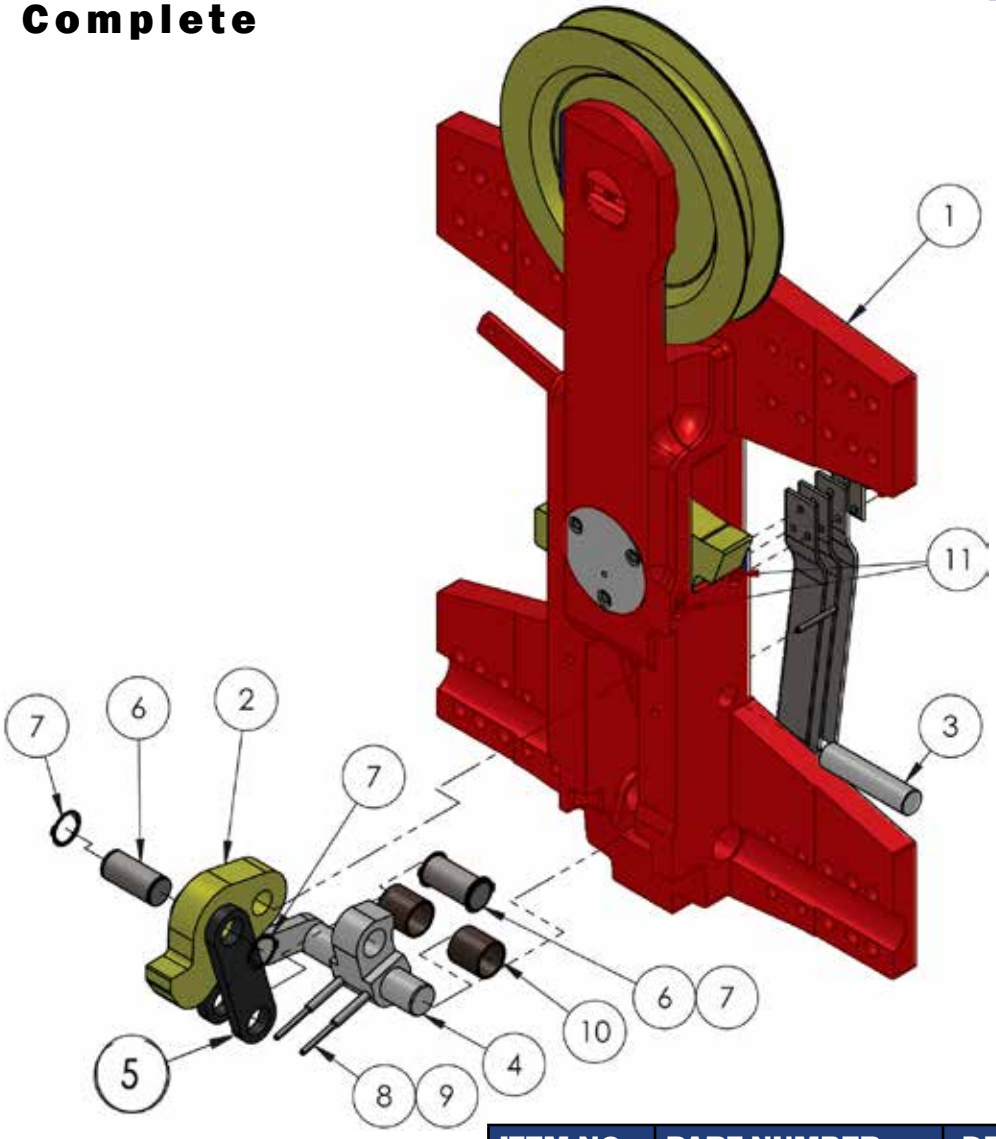
Manual Starting Device (Trip)
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	104945	GUIDE BODY TRIP BODY	1
2	205022	10MM-1.5 X 45 SERRATED FLANGE HEX LOCKING SCREW	6
3	104925	CARRIER	1
4	104928	LEVER	1
5	104927	COVER	1
6	104926	SHAFT	1
7	90231	DOWEL PIN 10 X 32	1
8	104943	TORSION SPRING	1
9	90874	DOWEL PIN 16 X 70	1

Manual Starting Device (Trip)
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	104945	GUIDE BODY TRIP BODY	1
2	16921	PAWL	1
3	104944	PIN	1
4	104952	TRIP CAM WITH LEVER	1
5	16781	SHACKLE	2
6	16922	JOINT BOLT	2
7	93242	CIRCLIP 45 X 1.75	4
8	95186	ROLL (DOWEL) PIN 8 x 80	4
9	90600	13MM X 80 ROLL PIN	2
10	16916	SLEEVE	2
11	90791	GREASE NIPPLE M10 X 1	3

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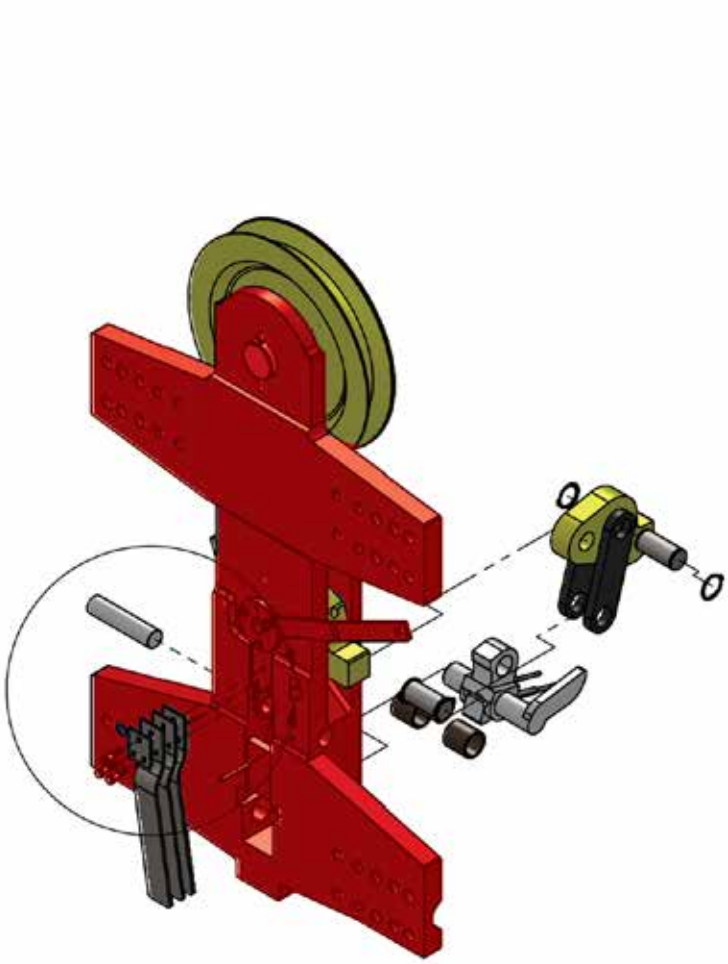
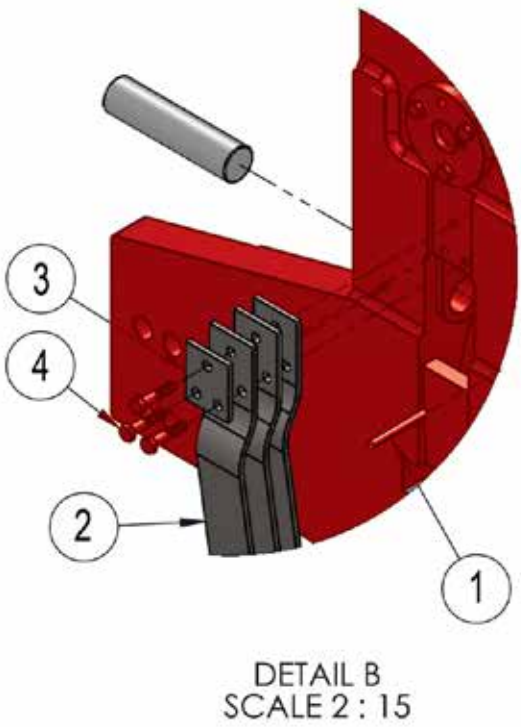
Manual Starting Device (Trip)
Complete

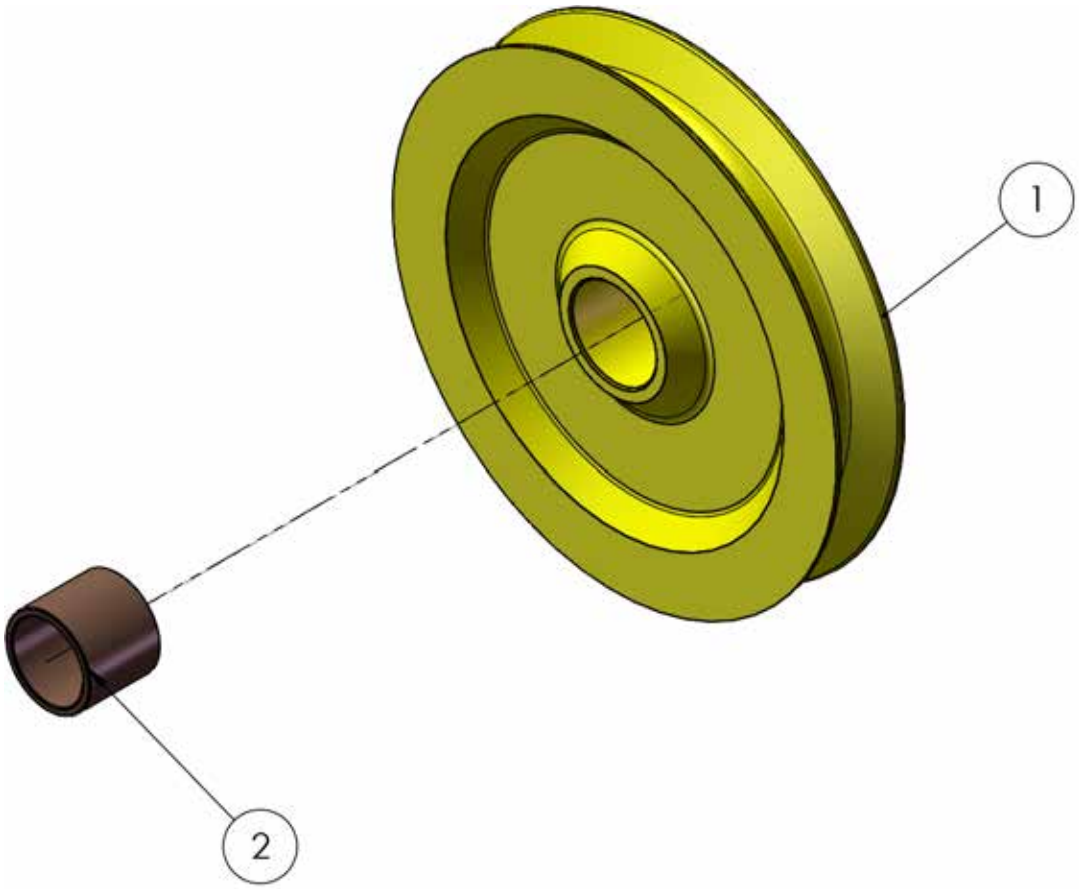




DETAIL B
SCALE 2 : 15

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	95186	ROLL (DOWEL) PIN 8 x 80	4
2	16801	LEAF SPRING	3
3	17045	PLATE	1
4	93414	10-1.5 X 30 HEX HEAD CAPSCREW 8.8	3

Rope Pulley Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205045	ROPE PULLEY	1
2	205046	SLEEVE	1

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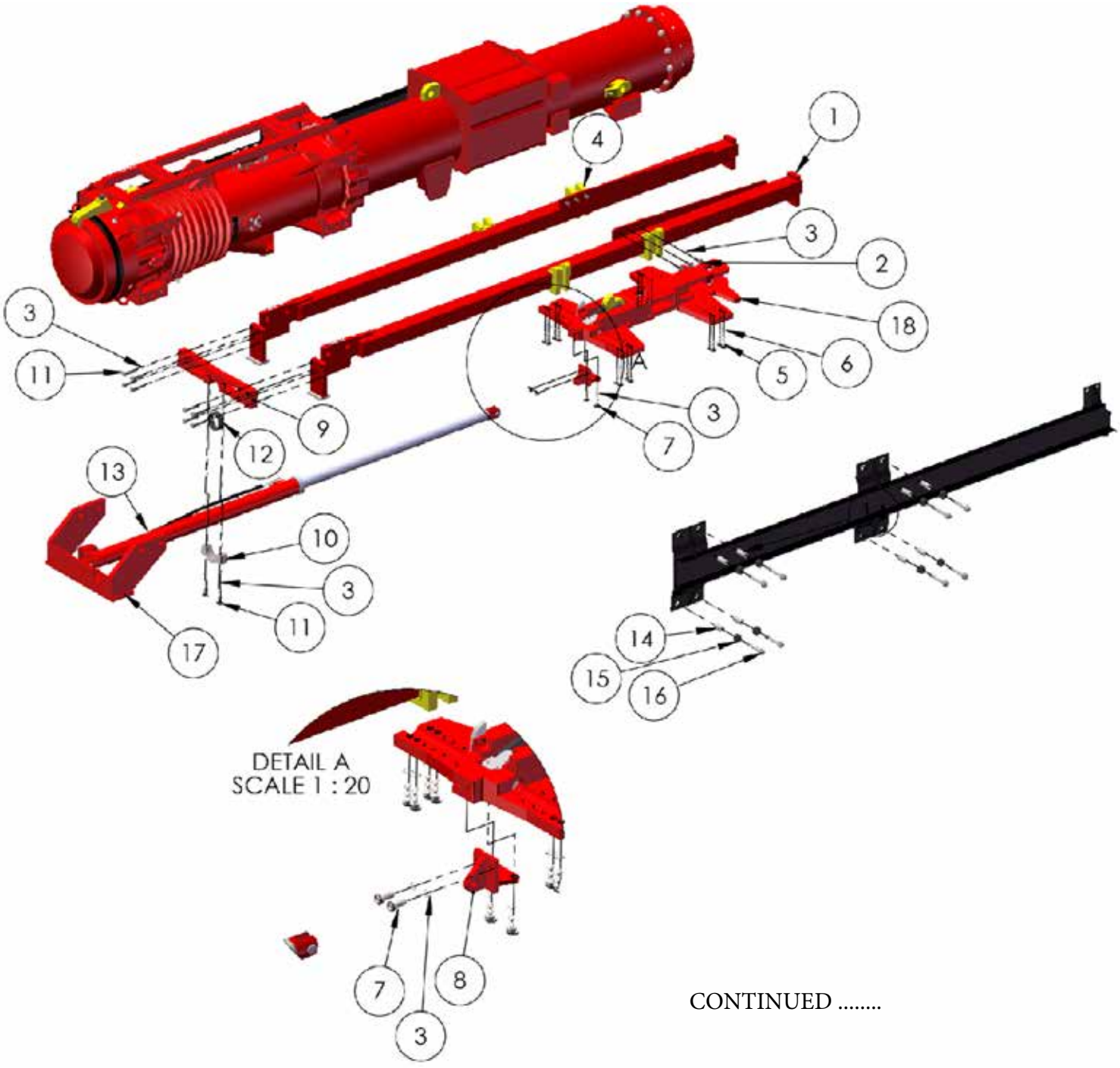
Hydraulic Push Start

Hydraulic Push Start Assembly



CONTINUED .....

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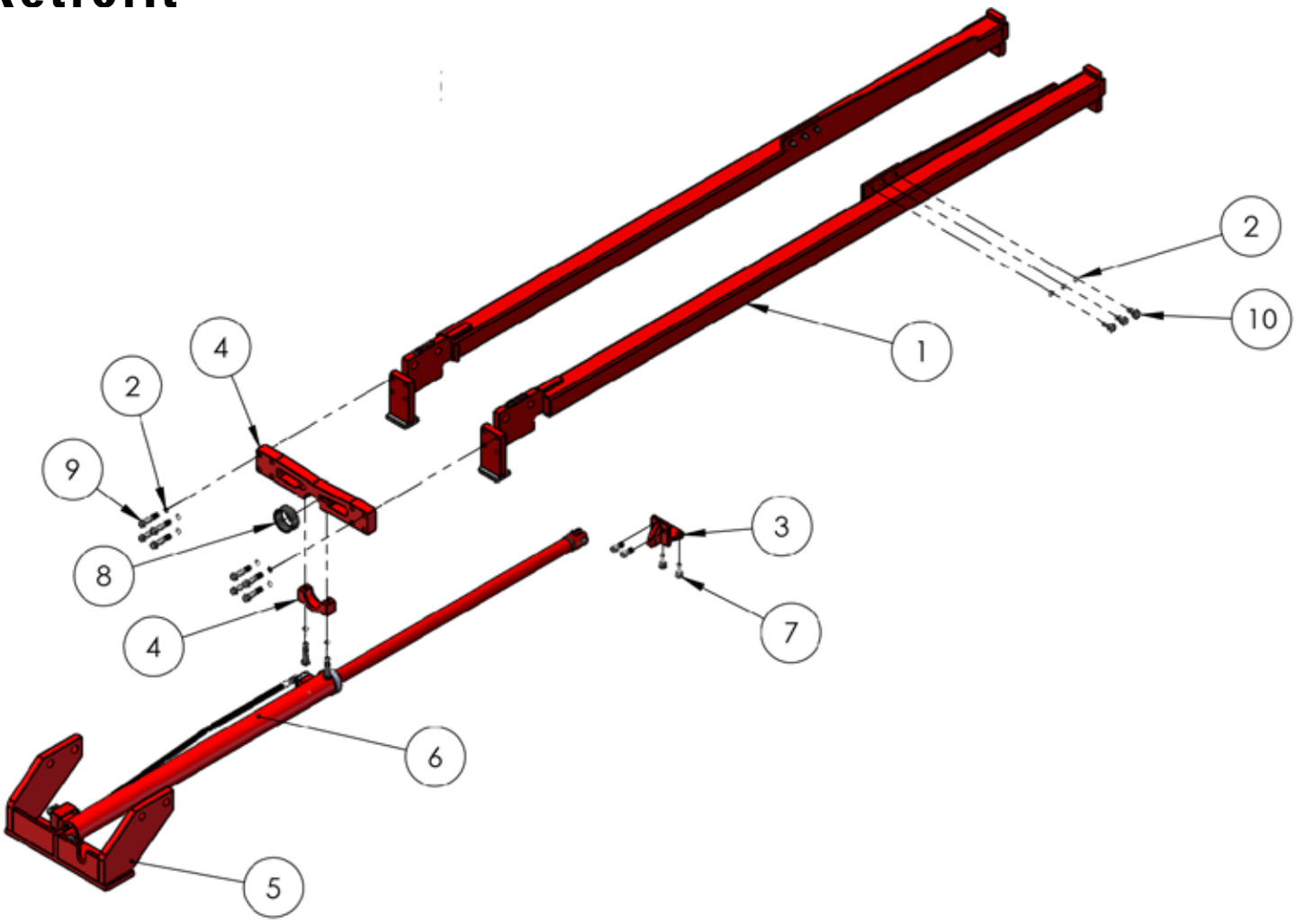
Hydraulic Push Start Assembly

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205101	D36/D46/D50 STARTER GUIDE SET HYDRAULIC START	1
2	205102	24MM-3.0 X 50 HEX HEAD CAP SCREW	6
3	203131	24MM SCHNORR SAFETY WASHER	20
4	205103	GUIDE GIB	4
5	204110	24MM-3.0 X 65 SOCKET HEAD CAP SCREW	16
6	204111	1" EXTERNAL TOOTH LOCK WASHER	16
7	205106	24MM-3.0 X 50 SOCKET HEAD HEX CAP SCREW	4
8	205105	D36-D50 UPPER BRACKET FOR HYDRAULIC START	1
9	205129	D36-D50 HYDRAULIC CYLINDER BRACKET MIDDLE	1
10	205132	MIDDLE BRACKET CLAMP	1
11	205108	24MM-3.0 X 110 HEX HEAD CAP SCREW	10
12	205131	RUBBER RING FOR MIDDLE BRACKET	1
13	205122	HYDRAULIC PUSH START CYLINDER COMPLETE	1
14	95195A	DOWEL PIN	12
15	203129	SPACER CUP	12
16	20174	M24 X 165 HEX BOLT	12
17	205113	D36-D50 HYDRAULIC PUSH START LOWER CYLINDER BRACKET	1
18	8001568	D36/46/50 HYDRAULIC TRIP	1

Not Included

Hydraulic Push Start Retrofit



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205101	D36/D46/D50 STARTER GUIDE SET HYDRAULIC START	1
2	203131	24MM SCHNORR SAFETY WASHER	16
3	205105	D36-D50 UPPER BRACKET FOR HYDRAULIC START	1
4	205107	D36-D50 HYDRAULIC CYLINDER BRACKET MIDDLE	1
5	205113	D36-D50 HYDRAULIC PUSH START LOWER CYLINDER BRACKET	1
6	205112	HYDRAULIC PUSH START CYLINDER COMPLETE	1
7	205106	24MM-3.0 X 50 SOCKET HEAD HEX CAP SCREW	4
8	205131	RUBBER RING FOR MIDDLE BRACKET	1
9	205108	24MM-3.0 X 110 HEX HEAD CAP SCREW	8
10	205102	24MM-3.0 X 50 HEX HEAD CAP SCREW	8

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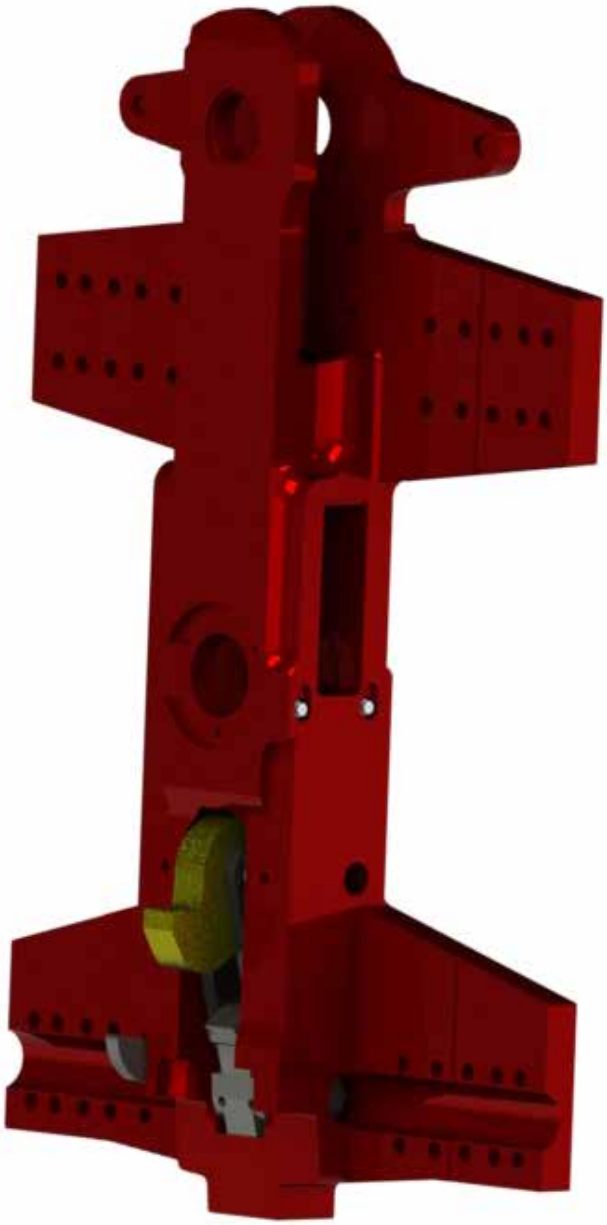
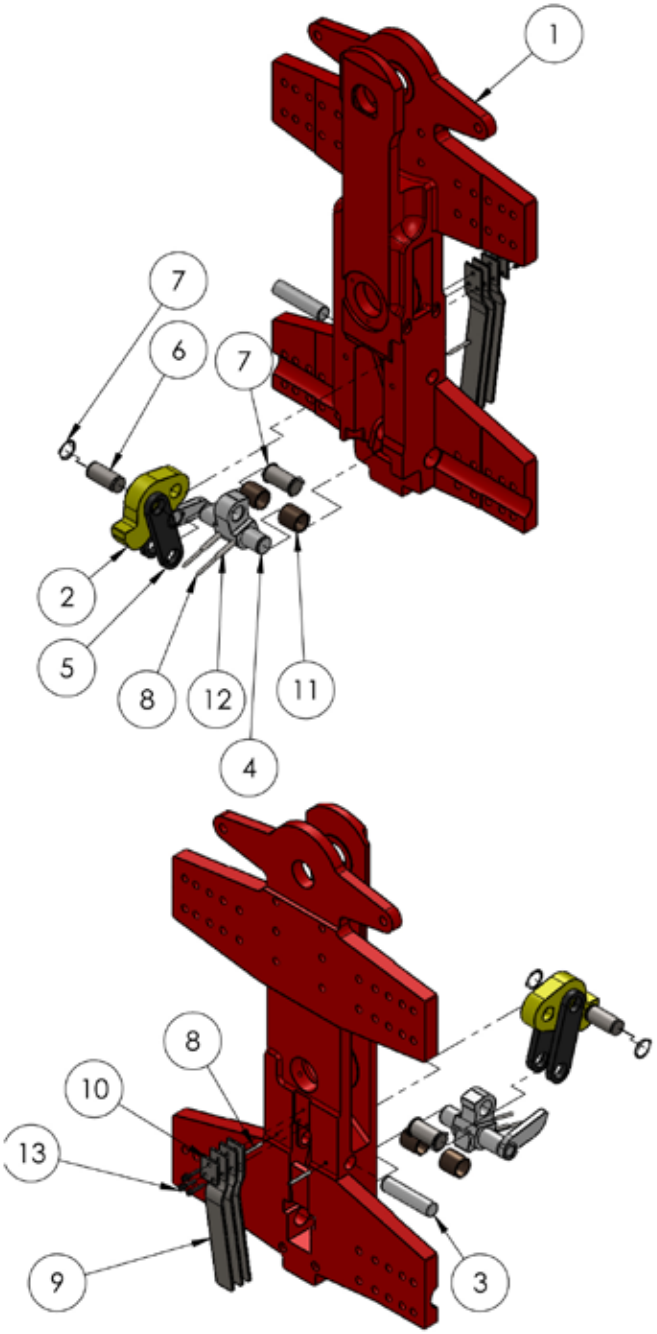
Hydraulic Starting Device (Trip)



Hydraulic Starting Device (Trip) Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	104923	GUIDE BODY	1
2	16921	PAWL	1
3	104944	PIN	1
4	104952	PAWL LEVER	1
5	16781	SHACKLE	2
6	16922	JOINT BOLT	2
7	93242	CIRCLIP 45 X 1.75	4
8	95186	ROLL PIN 8 x 80	4
9	16801	LEAF SPRING	3
10	17045	PLATE	1
11	16916	SLEEVE	2
12	90600	ROLL PIN 13 x 80	2
13	205022	10MM-1.5 X 45 SERRATED FLANGE HEAD CAPSCREW	3

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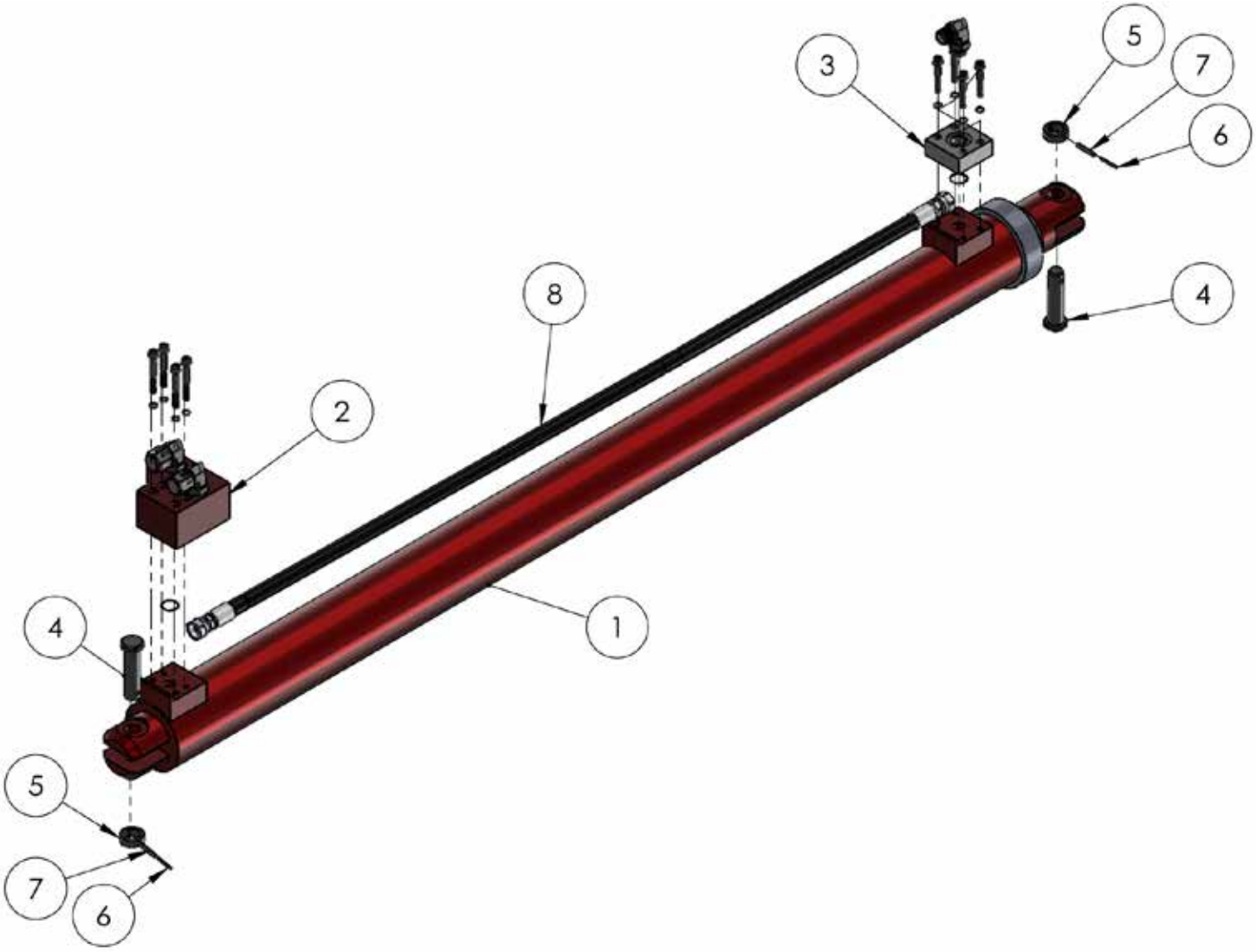
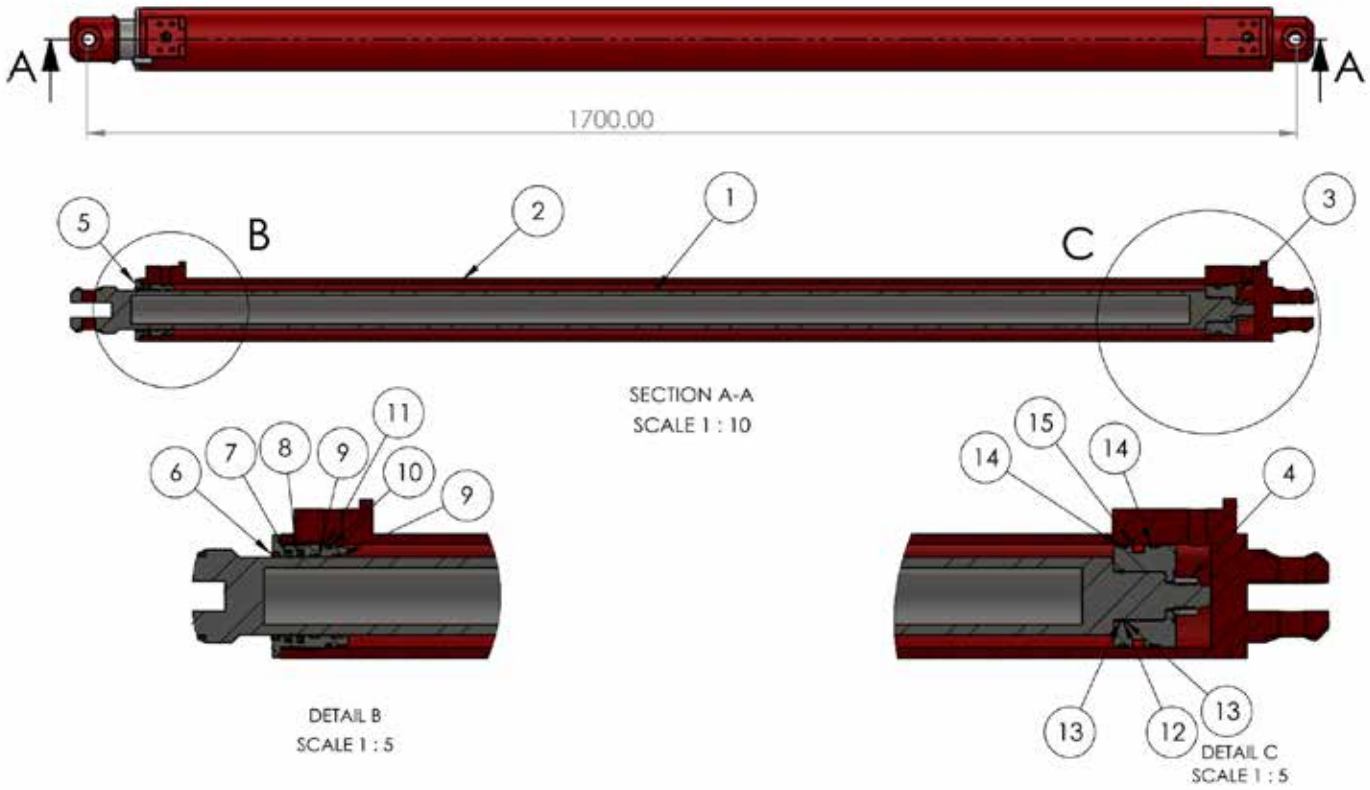
Hydraulic Push Start Cylinder
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205123	HYDRAULIC CYLINDER ONLY	1
2	203176	LOWER HYDRAULIC BLOCK ASSEMBLY	1
3	8005507	UPPER HYDRAULIC BLOCK ASSEMBLY	1
4	8000909	HYDRAULIC START PIN	2
5	8000910	HYDRAULIC START LOCKING RING D6-D70	2
6	90155	5MM X 40MM ROLL PIN	2
7	201113	8MM X 40 ROLL PIN	2
8	205124	HOSE 1700MM LONG FOR HYD CYL	1

Hydraulic Cylinder Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205125	CYLINDER ROD	1
2	205127	CYLINDER SLEEVE	1
3	205128	PISTON	1
4	201104	20MM X 2.5 NYLON INSERT LOCK NUT	1
5	205126	CYLINDER HEAD	1
6	203146	WIPER SEAL	1
7	203162	ROD SEAL	1
8	203163	ROD SEAL	1
9	203164	WEAR RING	2
10	203165	2-239 91.67X3.53 O-RING	1
11	203166	95X100.5-1.5 BACKING RING	1
12	203167	2-132 44.12×2.62 O-RING	1
13	203168	45×49-1 BACKING RING	2
14	203169	100X95-9.7 GUIDING RING	2
15	203155	100X85X12.5 DOUBLE ACTING PISTON SEAL	1

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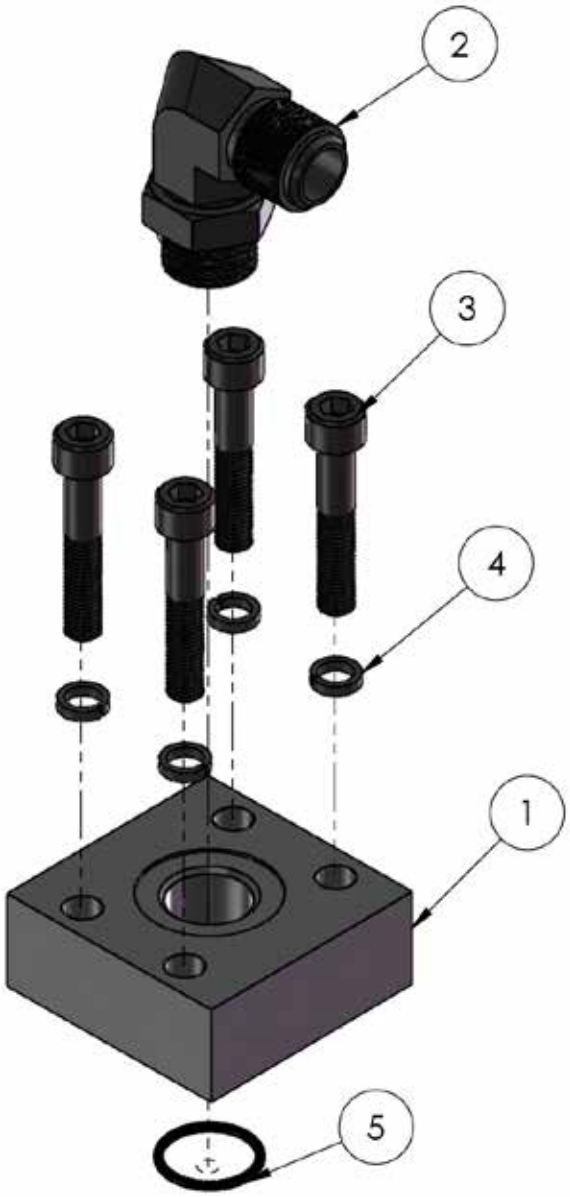
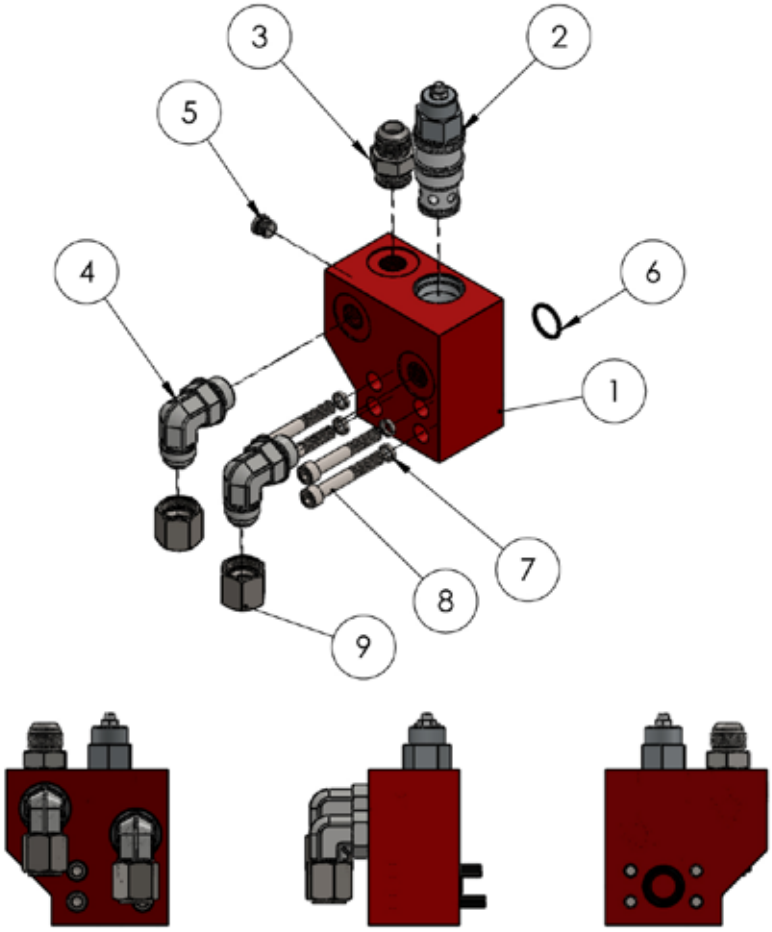
Upper Hydraulic Block



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	203182	UPPER HYDRAULIC BLOCK (12G5EQ2B-1 SAE PORT BLOCK)	1
2	203112	12MJ-12MAORB 90°	1
3	203174	10MM X 55 SOCKET HEAD CAP SCREW	4
4	207116	10MM HI COLLAR LOCK WASHER	4
5	203172	O-RING 2-214 24.99 X 3.53	1

Counterbalance Valve Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	203177	LOWER HYDRAULIC BLOCK/COUNTER BALANCE VALVE	1
2	203122	CBGG-LJN COUNTERBALANCE VALVE	1
3	203124	3/4-1 1/16 - 12 JIC Straight Thread Connectors 37° Flare/SAE-ORB 12 F50X	1
4	203112	3/4-1 1/16 - 12 JIC 90 Thread Connectors 37° Flare /SAEORB 12 C50X	2
5	203125	G1/4 PLUG	1
6	203172	O-RING 2-214 24.99 X 3.53	1
7	207116	10MM HI COLLAR LOCK WASHER	4
8	207115	10MM-1.5 X 70 SOCKET HEAD CAP SCREW	4
9	203138	12 FNTX-S CAP	2

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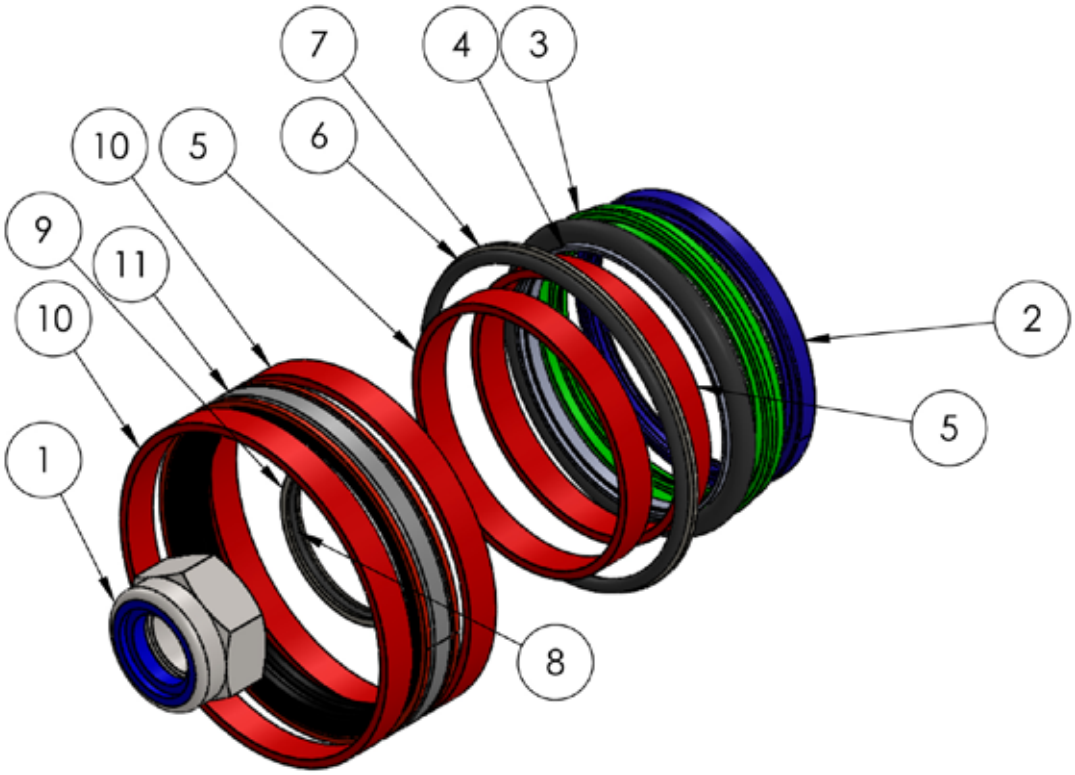
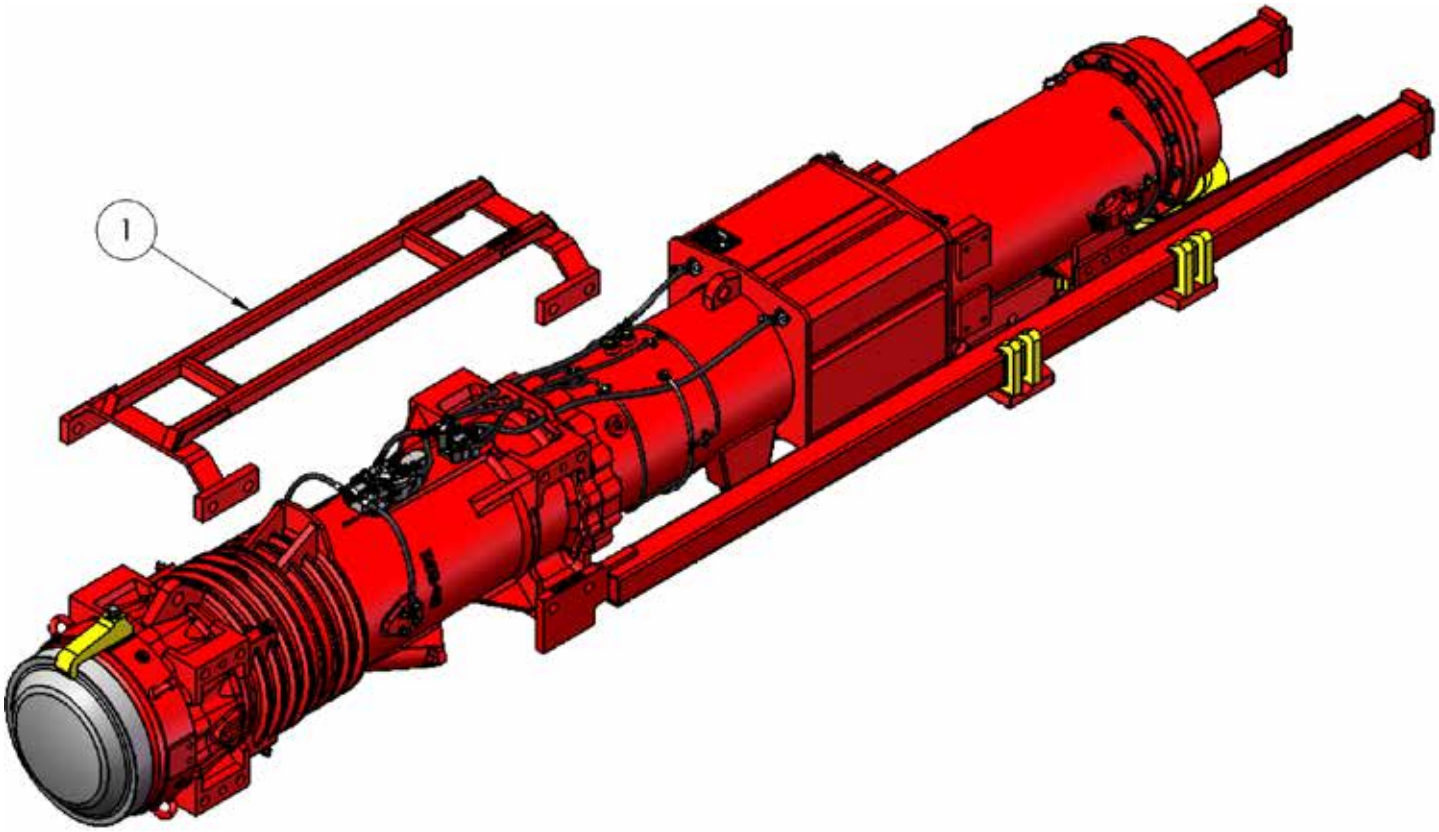
D50 Hydraulic Start Cylinder
Ring Kit



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	201104	20MM X 2.5 NYLON INSERT LOCK NUT	1
2	203146	WIPER SEAL	1
3	203162	ROD SEAL	1
4	203163	ROD SEAL	1
5	203164	WEAR RING	2
6	203165	2-239 91.67×3.53 O-RING	1
7	203166	95×100.5-1.5 BACKING RING	1
8	203167	2-132 44.12×2.62 O-RING	1
9	203168	45×49-1 BACKING RING	2
10	203169	100×95-9.7 GUIDING RING	2
11	203155	100×85×12.5 DOUBLE ACTING PISTON SEAL	1

Guides

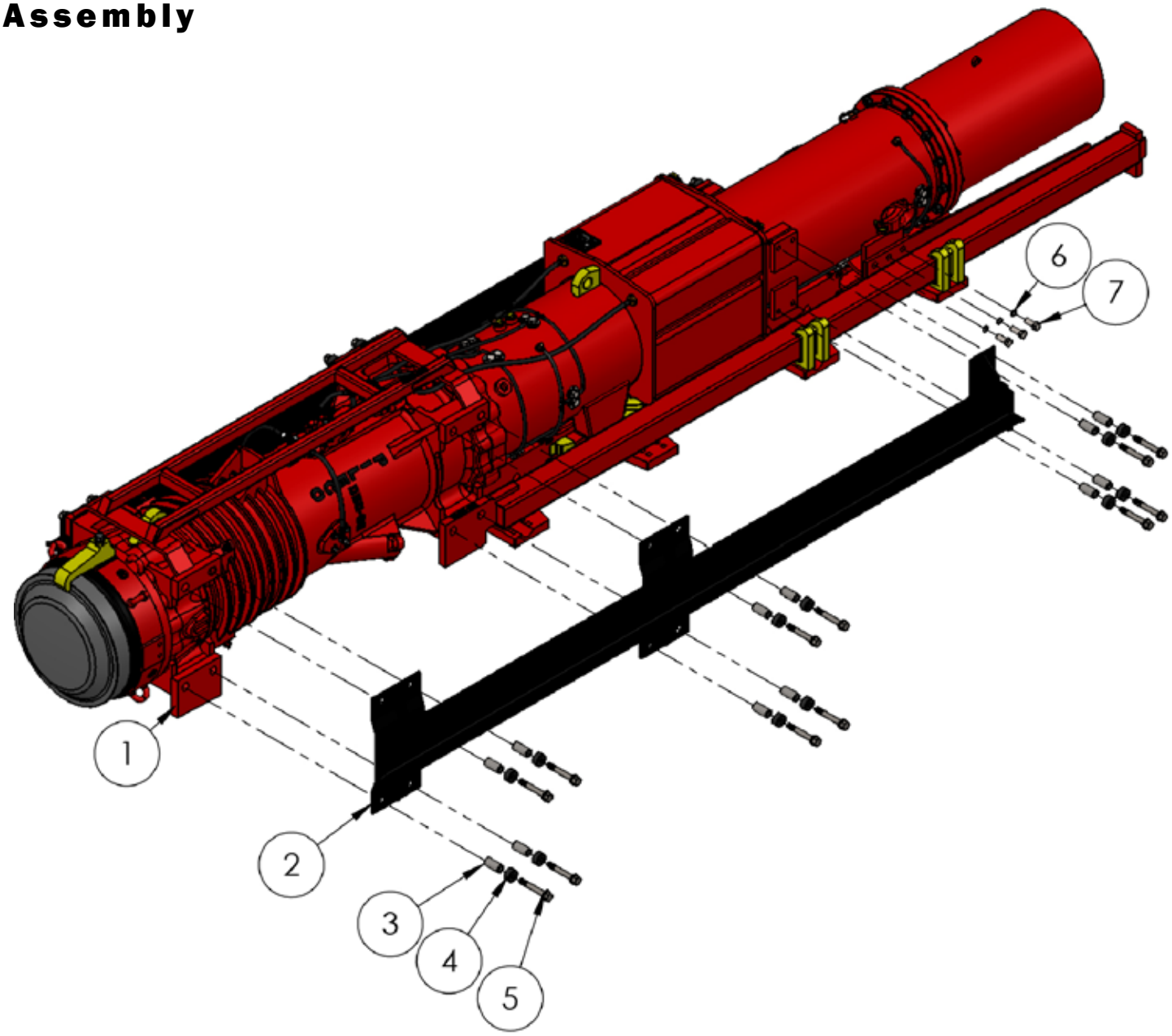
Pump Guard Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205215	PUMP GAURD D50	1

D50 U-32 X 8 LEAD GUIDING

Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	204202	SPACER PLATE	2
2	205217	D46/36 U-32 GUIDING SET	1
3	95195-A	DOWEL PIN	24
4	203129	SPACER CUP	24
5	20174	M24 X 165 HEX BOLT	24
6	203131	24MM SCHNORR SAFETY WASHER	6
7	205201	24MM-3 X 60 HEX HEAD CAPSCREW	6

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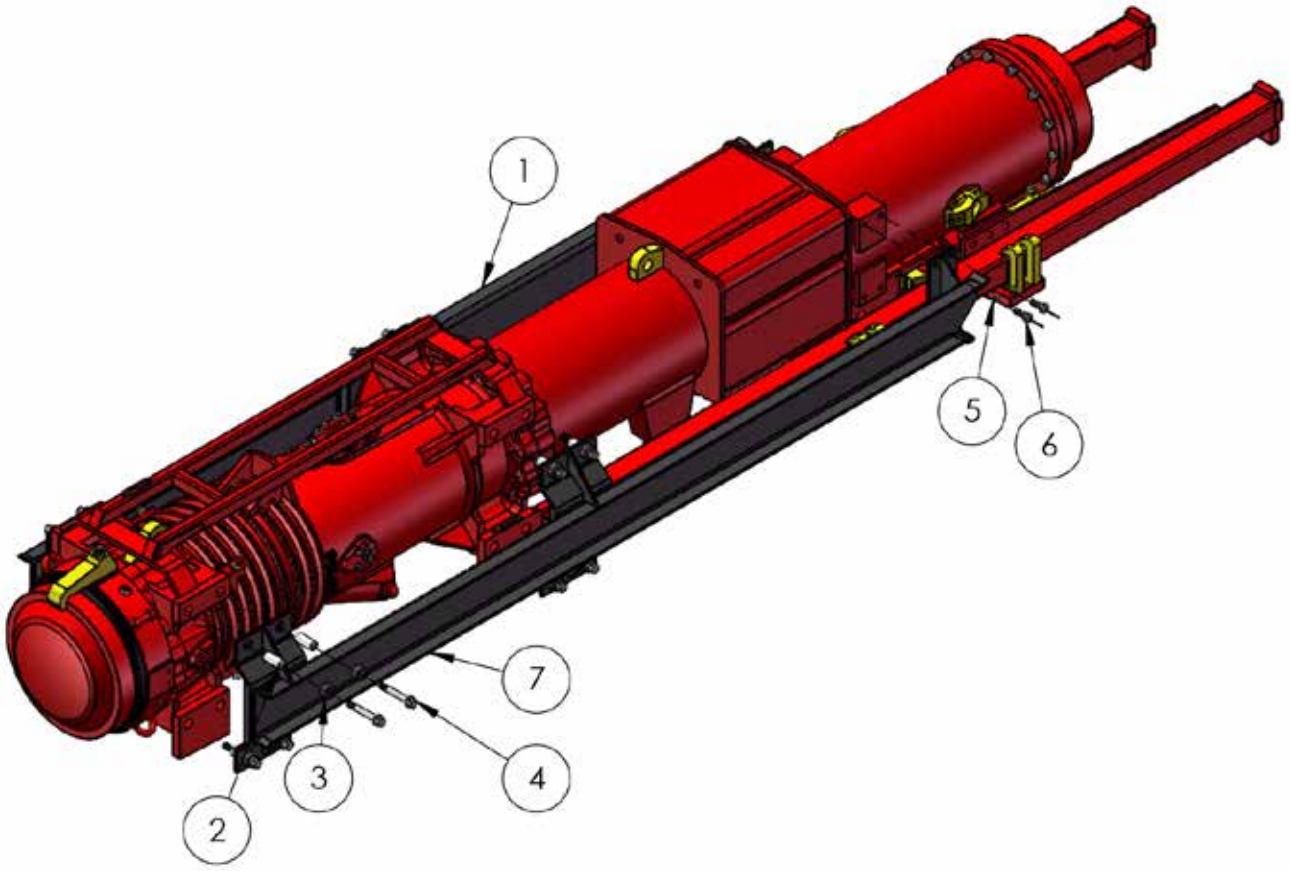
D50 U-37 X 8 LEAD GUIDING

Assembly

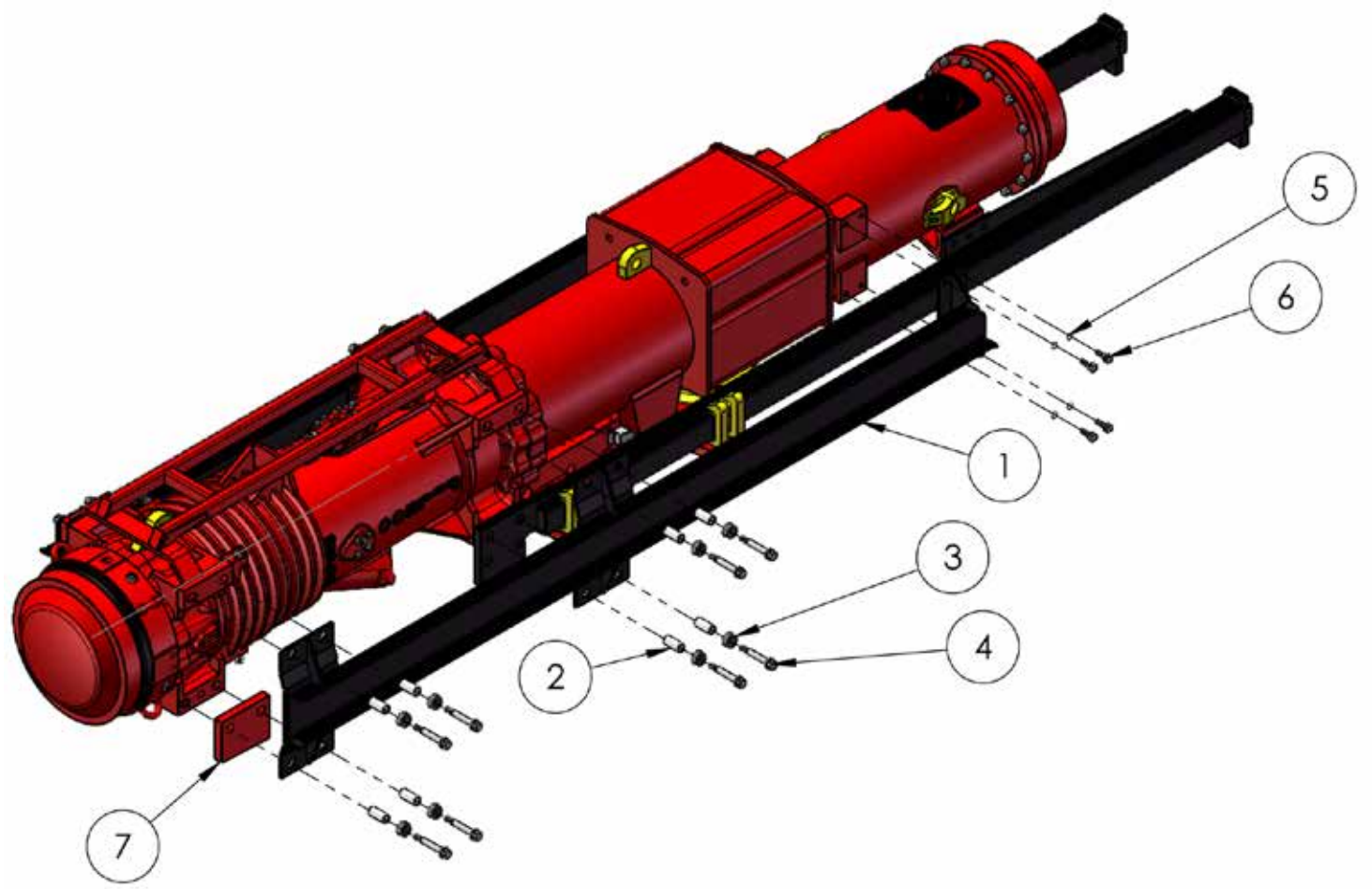


TOTAL WEIGHT APPROX.=798.5

ITEM NO.	PART NO	DESCRIPTION	QTY.	WEIGHT
1	8004573	U-37 D36/46/50 GUIDING	1	760
2	95195-A	DOWEL PIN	16	2.5
3	203129	SPACER CUP	16	16
4	20174	M24 X 165 HEX BOLT	16	13.5
5	203131	24MM SCHNORR SAFETY WASHER	8	.5
6	22702	24MM-3 X 60 HEX HEAD CAPSCREW	8	6

D50 U-42 X 8 LEAD GUIDING

Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	204202	SPACER PLATE	2
2	205219	D50 U-32 GUIDING SET	1
3	95195-A	DOWEL PIN	24
4	203129	SPACER CUP	24
5	20174	M24 X 165 HEX BOLT	24
6	203131	24MM SCHNORR SAFETY WASHER	6
7	205201	24MM-3 X 60 HEX HEAD CAPSCREW	6

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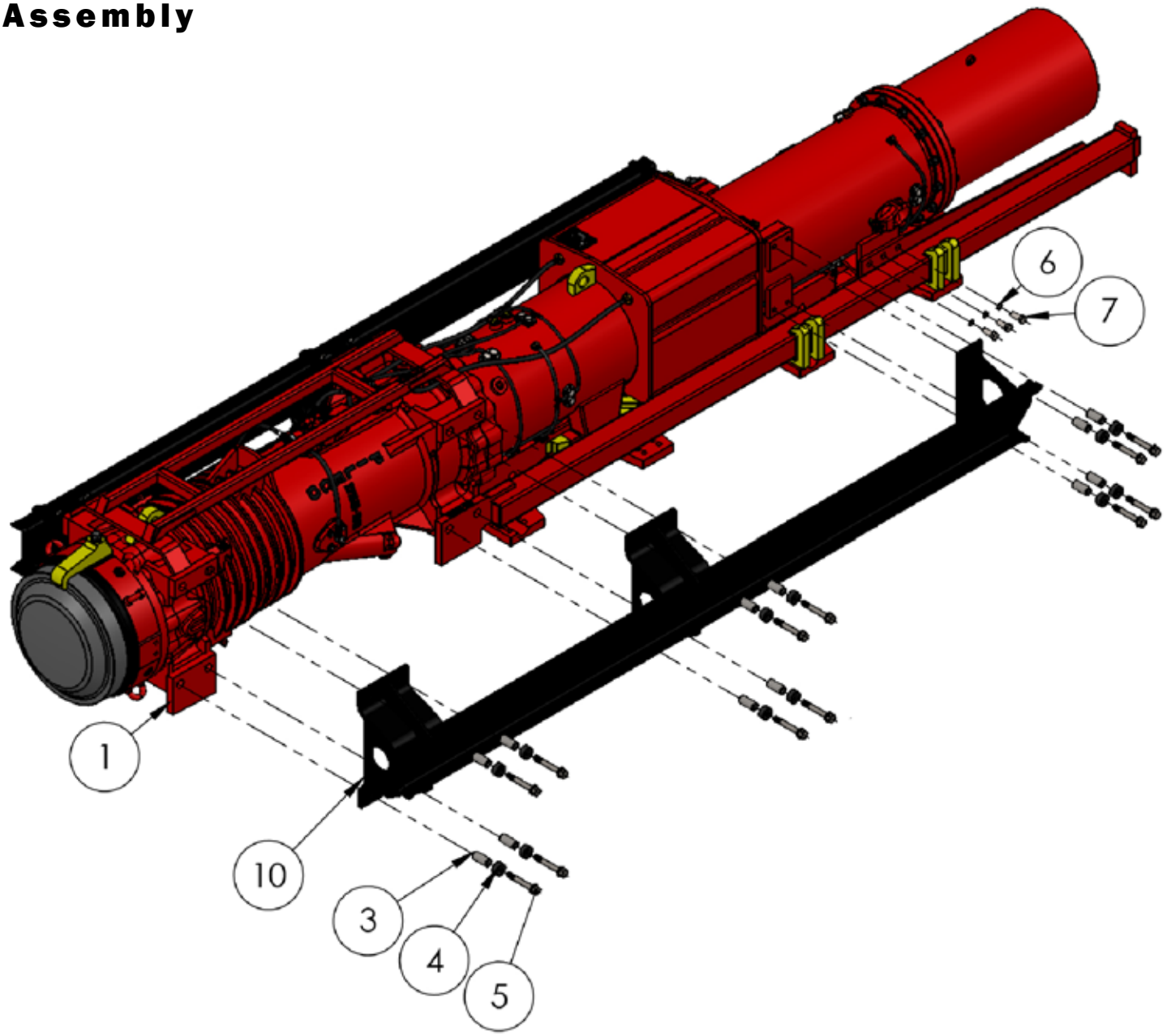
D50 U-48 X 8 LEAD GUIDING

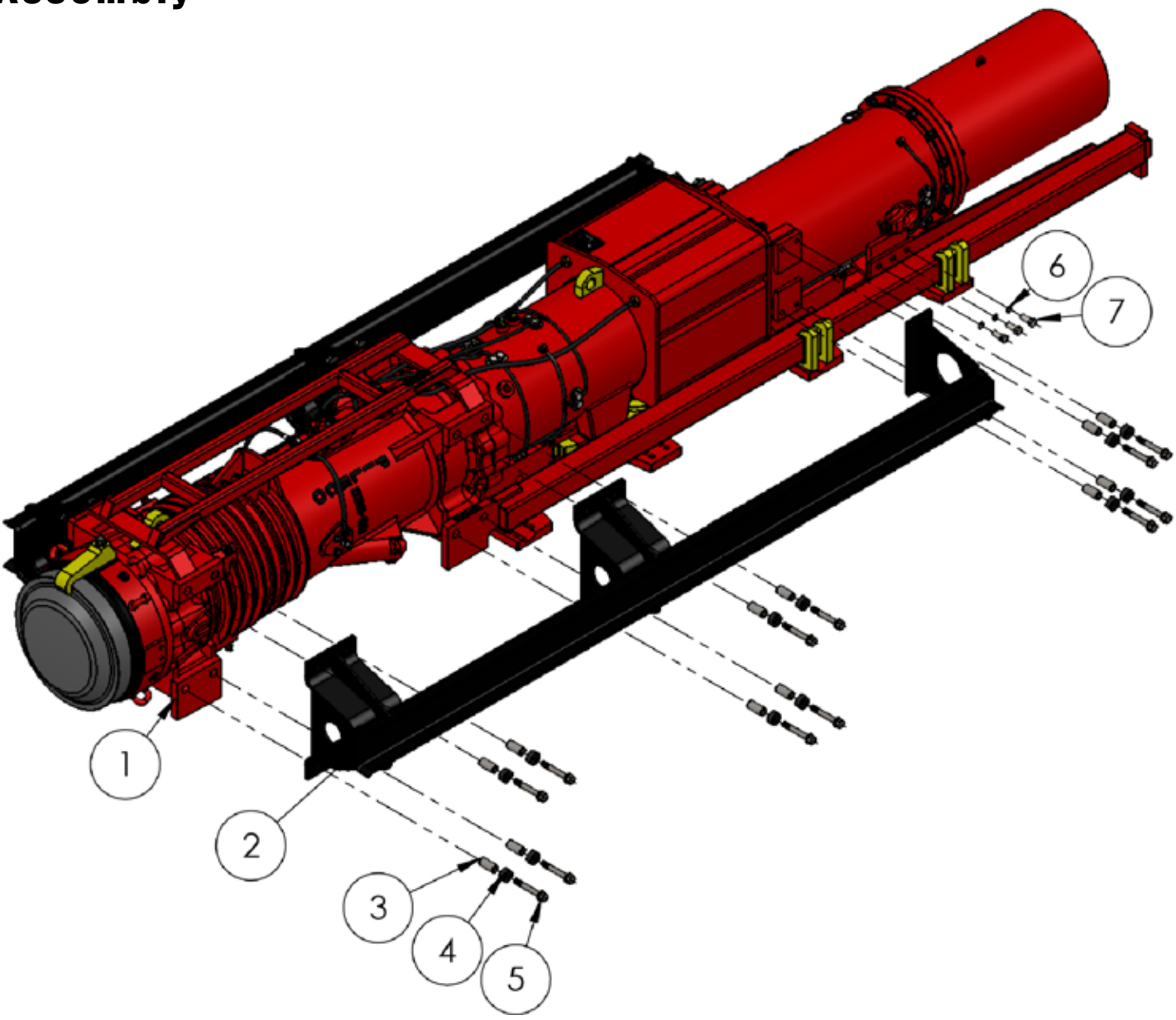
Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	204202	SPACER PLATE	2
2	205221	D50-U48 LEAD GUIDING	1
3	95195-A	DOWEL PIN	24
4	203129	SPACER CUP	24
5	20174	M24 X 165 HEX BOLT	24
6	203131	24MM SCHNORR SAFETY WASHER	6
7	205201	24MM-3.0 X 60 HEX HEAD CAP SCREW 10.9	6

D50 U-54 X 8 LEAD GUIDING

Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	204202	SPACER PLATE	2
2	205224	D50-U54 GUIDING	1
3	95195-A	DOWEL PIN	24
4	203129	SPACER CUP	24
5	20174	M24 X 165 HEX BOLT	24
6	203131	24MM SCHNORR SAFETY WASHER	6
7	205201	24MM-3.0 X 60 HEX HEAD CAP SCREW 10.9	6

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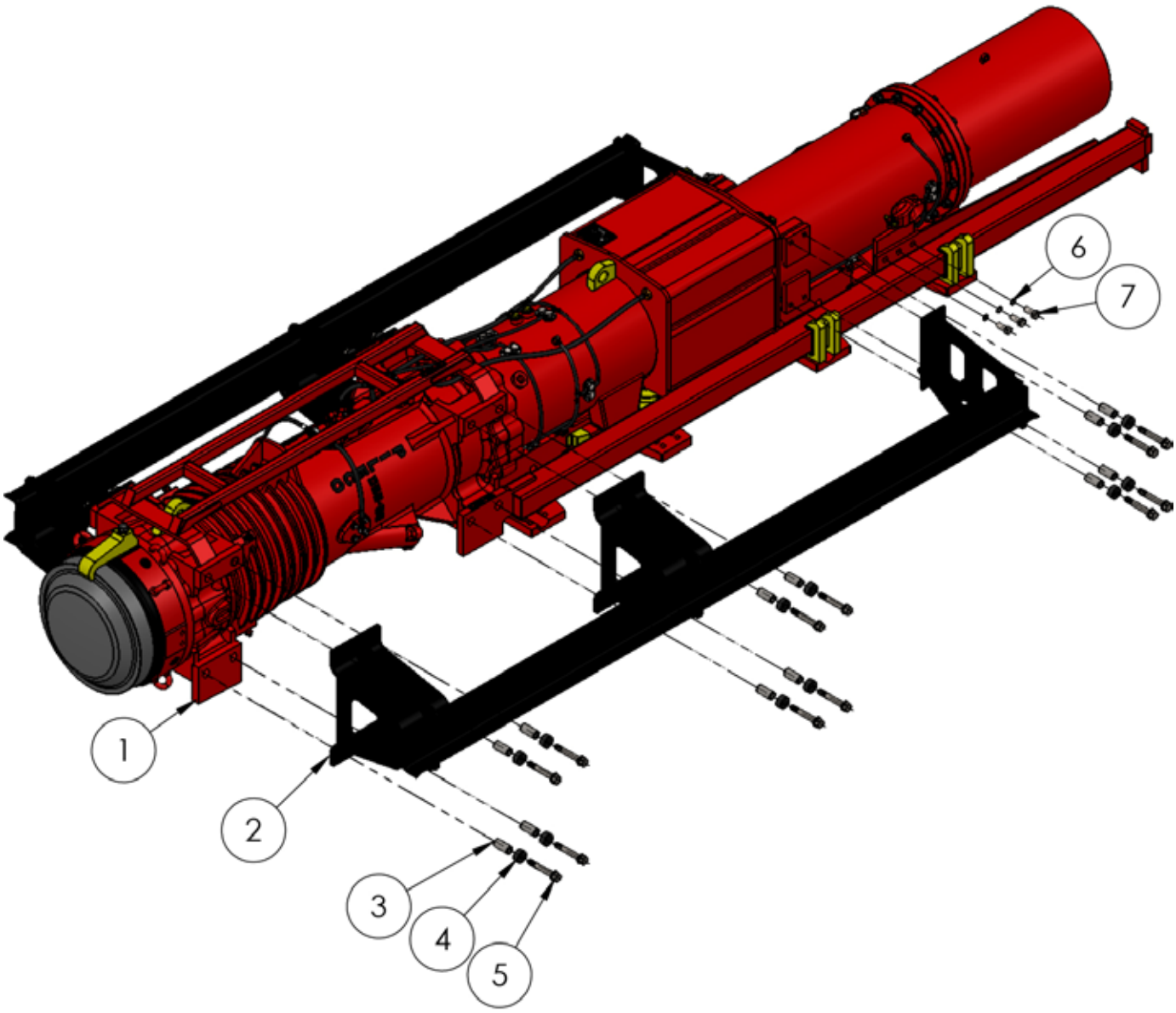
D50 U-66 X 8 LEAD GUIDING

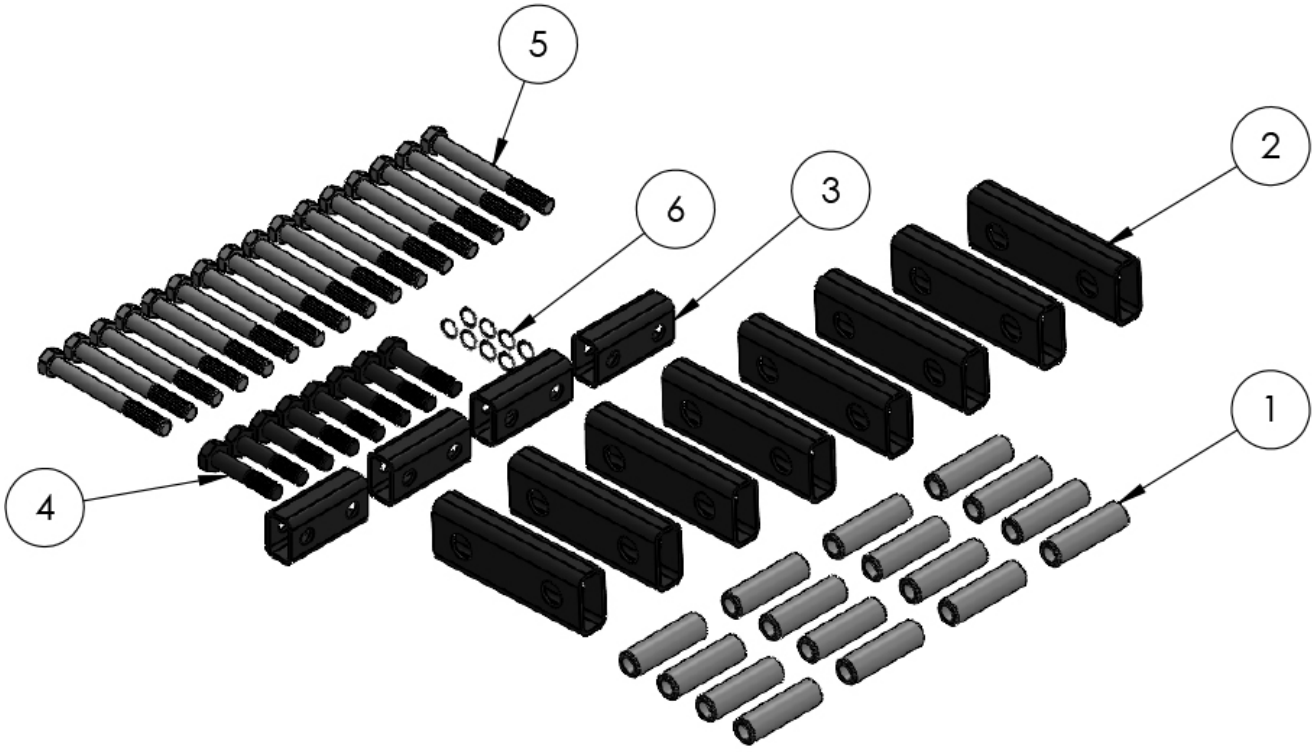
Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	204202	SPACER PLATE	2
2	205226	D50-U66 GUIDING	1
3	95195-A	DOWEL PIN	24
4	203129	SPACER CUP	24
5	20174	M24 X 165 HEX BOLT	24
6	203131	24MM SCHNORR SAFETY WASHER	6
7	205201	24MM-3.0 X 60 HEX HEAD CAP SCREW 10.9	6

SPACER BLOCK 4"KIT

Assembly



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	95195-C	DOWEL PIN	16
2	8005905	2 X 4 X 1/4 X 11 1/2" RECTANGLE TUBE	8
3	8005907	2 X 3 X 1/4 X 6 SQ TUBE	4
4	91929	M24 X 120 HEX HEAD CAPSCREW	8
5	8005912	24-3.0MM X 220 HEX HEAD CAPSCREW 10.9	16
6	203131	24MM SCHNORR SAFETY WASHER	8

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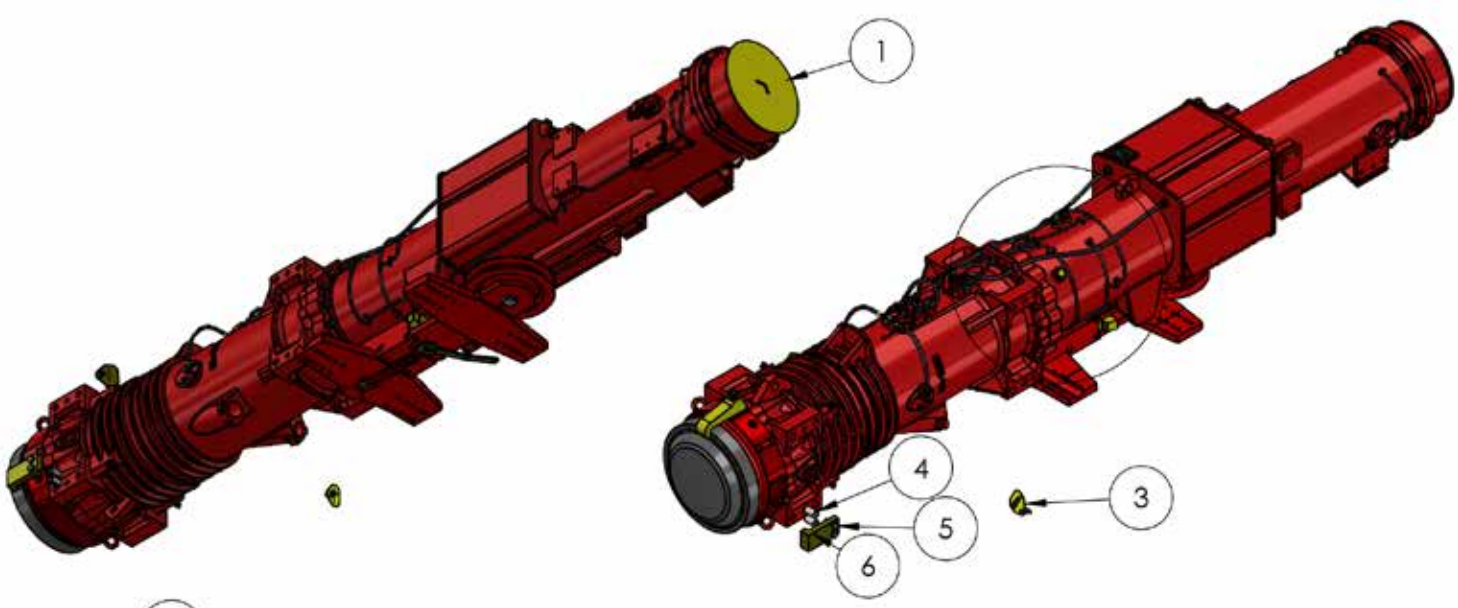
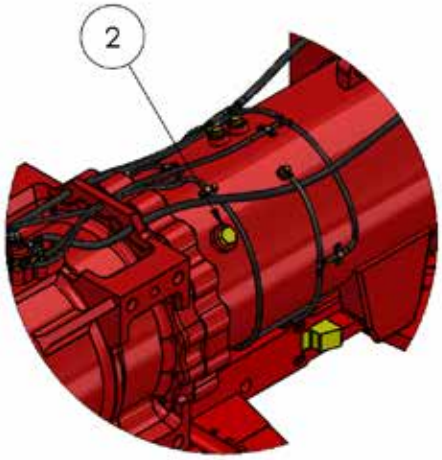
Transportation Protection

Transportation Protection
Complete





DETAIL A
SCALE 2 : 35

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	22691	PROTECTION CAP (RAIN CAP)	1
2	105787	LOCKING SCREW	1
3	43399	EXHAUST COVER COMPLETE	1
4	95195	40 X 75 DOWEL PIN	2
5	205047	24MM-3.0 X 160 HEX HEAD CAP SCREW 10.9	2
6	22300	IMPACT BLOCK SECURING CLAMP	1

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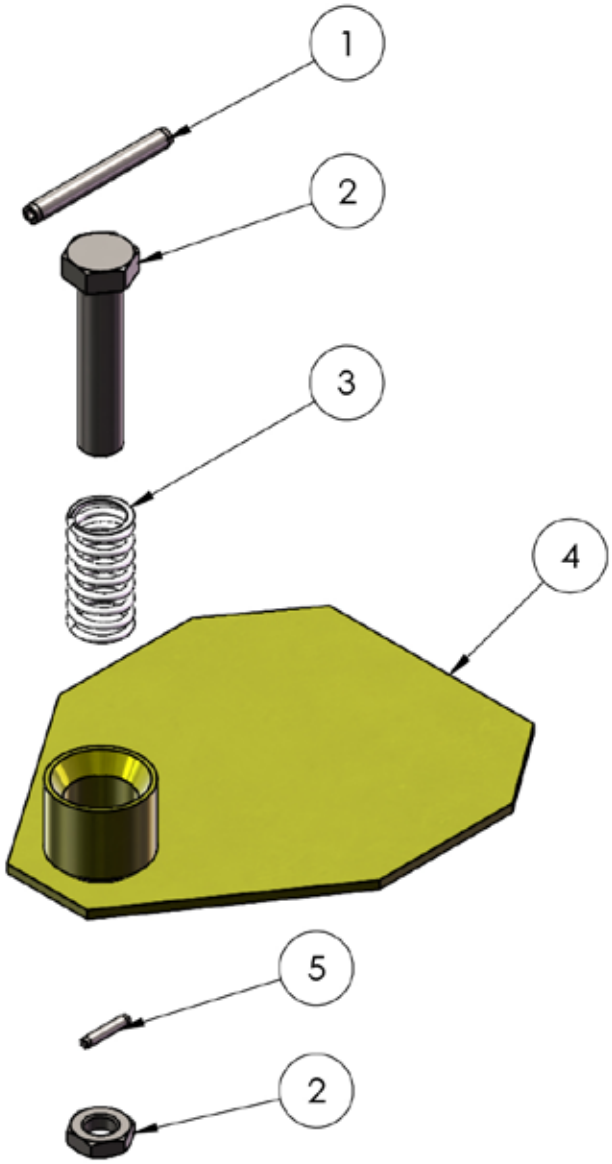
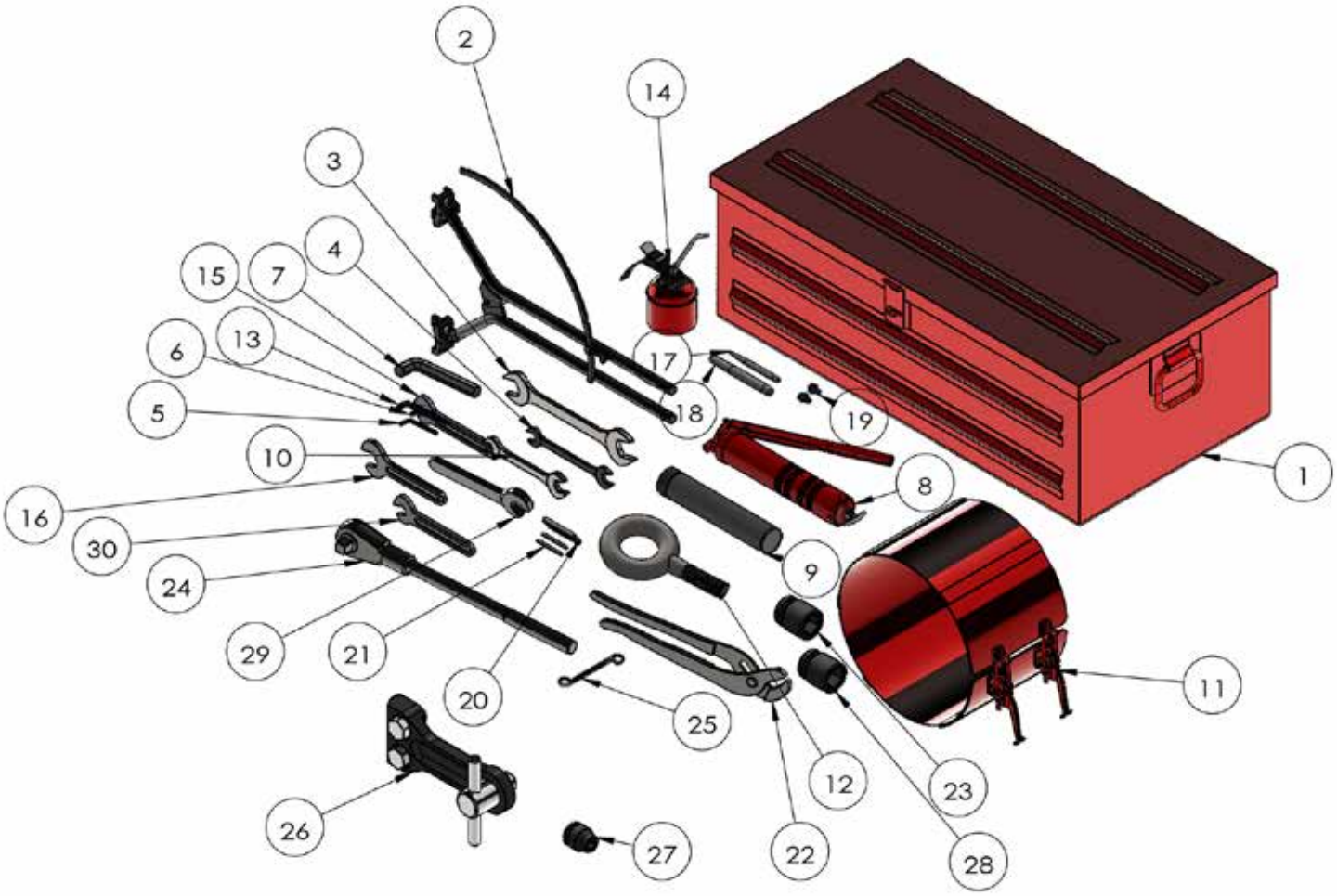
Exhaust Cover
Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	90661	5MM X 50 DOWEL PIN	1
2	20076	SCREW COMPLETE	1
3	20082	PRESSURE SPRING	1
4	43398	COVER FOR D36-D50	1
5	91444	3MM X 20 DOWEL PIN (SPLIT)	1

Tool Box
Complete



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Tool Box
Complete

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	8002385	TOOL BOX PART	1
2	16897	PISTON RING FITTING PLIERS COMPLETE	1
3	90655	30 X 32 DOUBLE ENDED OPEN WRENCH	1
4	92015	17 X 19 DOUBLE ENDED OPEN WRENCH	1
5	90055	5MM HEX KEY	1
6	90862	6MM HEX KEY	1
7	90194	19MM HEX KEY	1
8	90795	GREASE GUN, 14 OZ	1
9	93551	MOLYLUBE GREASE	1
10	90443	19 X 22 OPEN END WRENCH	1
11	22695	PISTON RING BAND	1
12	93343	M48 RING SCREW	1
13	90657	8MM HEX KEY	1
14	93600	OIL CAN	1
15	95071	17MM WRENCH SINGLE OPEN END	1
16	90465	27MM SINGLE ENDED OPEN WRENCH	1
17	90354	PUNCH 4/8 DIAMETER	1
18	93349	PUNCH 12/16 DIAMETER	1
19	90791	GREASE NIPPLE M10 X 1	2
20	91321	10MM X 75 ROLL PIN	2
21	90160	6MM X 60 ROLL PIN	2
22	90785	PLIERS A19	1
23	94461	IMPACT SOCKET 36MM	1
24	90196	RACHET	1
25	95834	WRENCH 22 X 24	1
26	22700	ASSEMBLY PLATE COMPLETE	1
27	205016	IMPACT SOCKET 19MM	1
28	94461	IMPACT SOCKET 36MM	1
29	206006	SINGLE ENDED OPEN SPANNER 36	1
30	90660	13MM WRENCH SINGLE OPEN END	1