

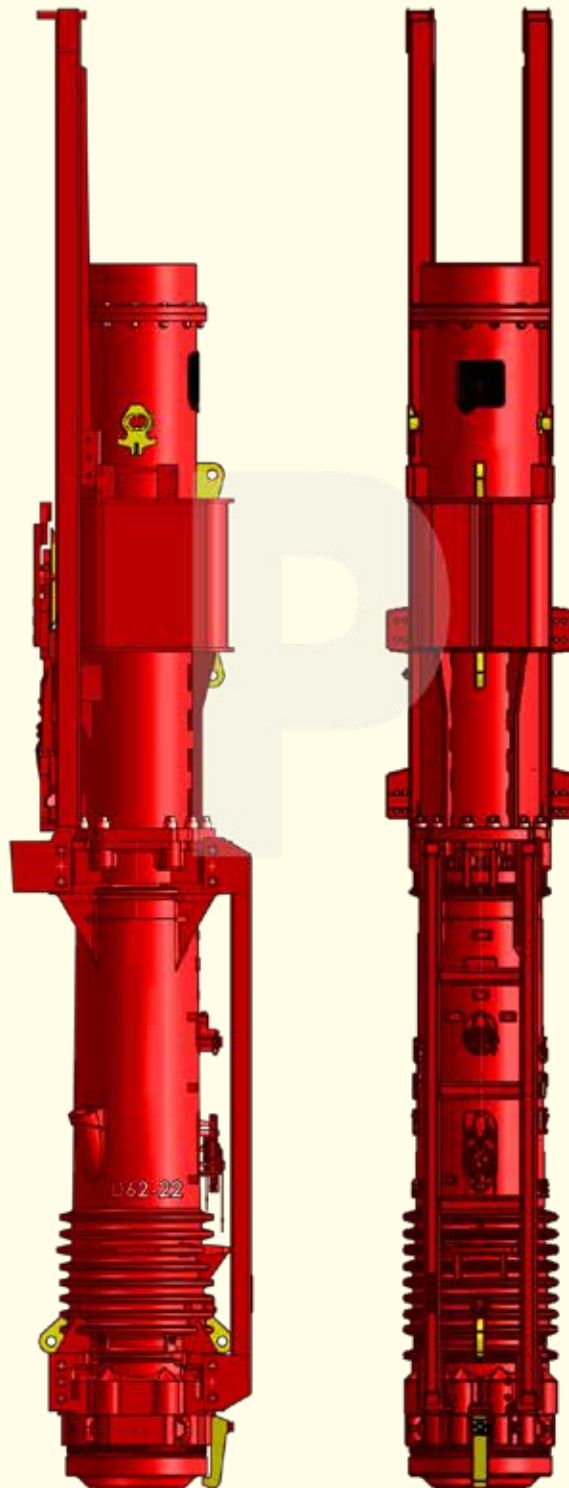


PILECO INC.

Parts Manual

Diesel Pile Hammer **D70-32**

Parts Manual

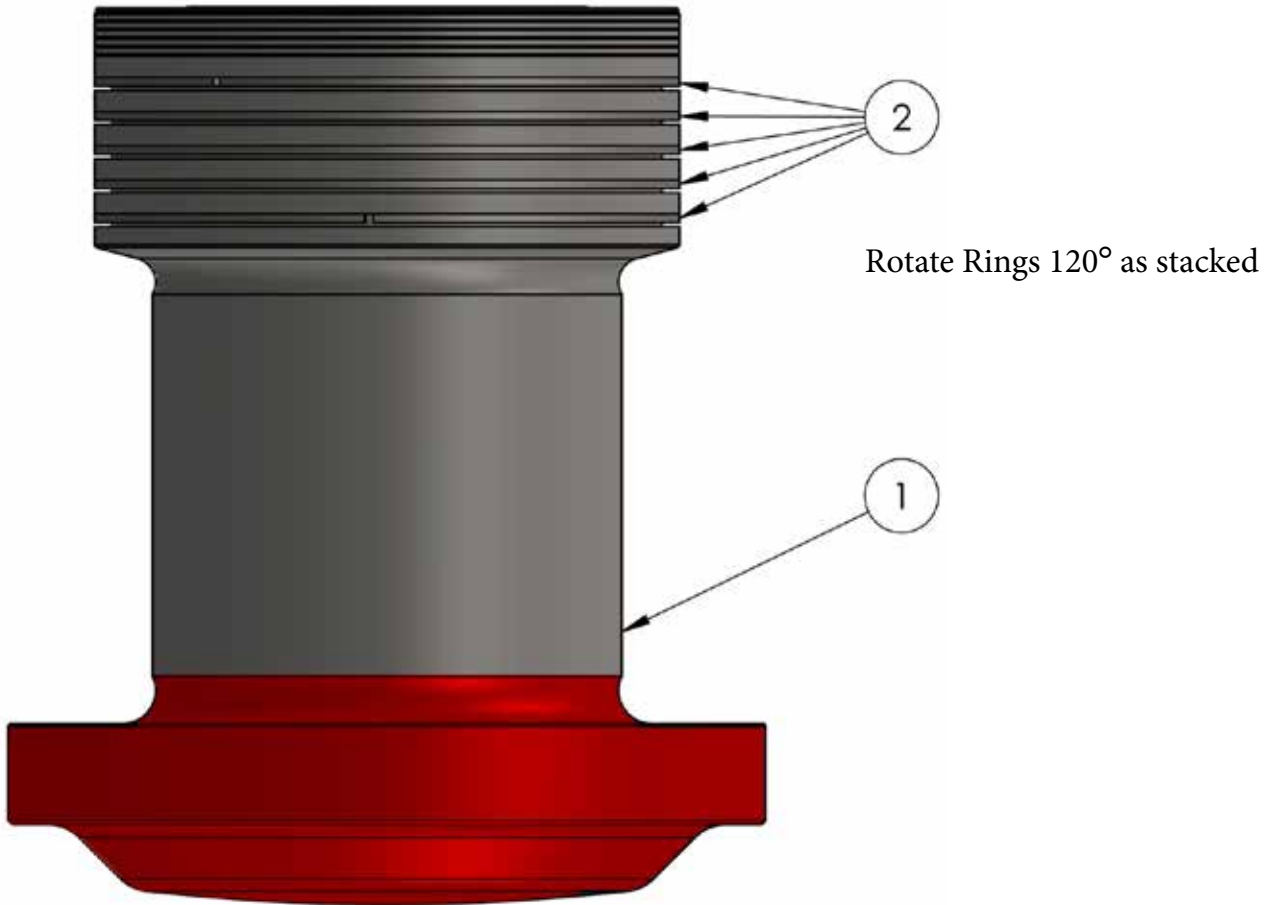


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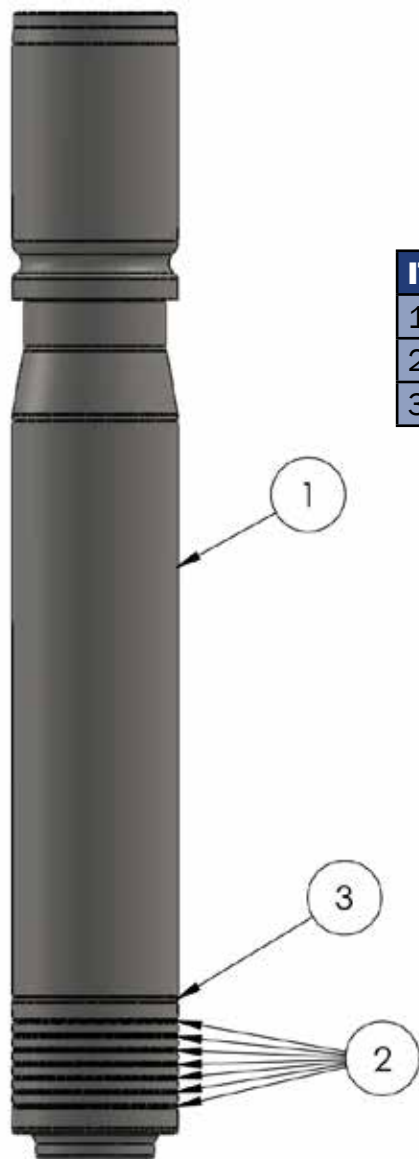


Impact Block

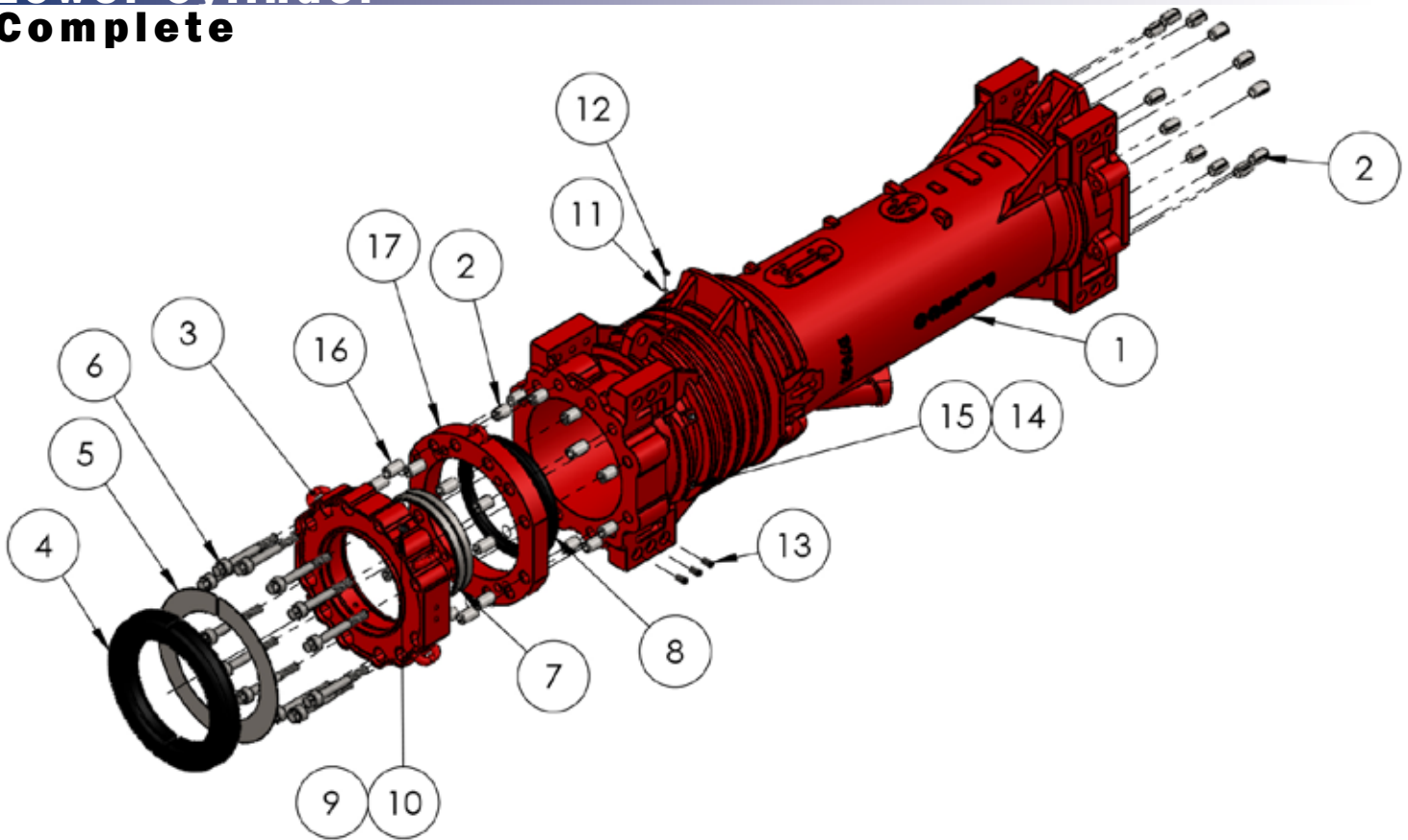


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	20002	IMPACT BLOCK	1
2	16626	PISTON RING	5

Striking Weight (Piston) Complete



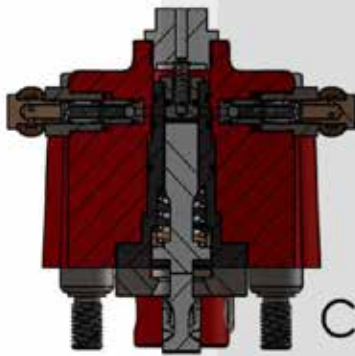
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	206021	STRIKING WEIGHT(PISTON)	1
2	16626	PISTON RING	7
3	16623	CATCH PISTON RING	1

**Lower Cylinder
Complete**

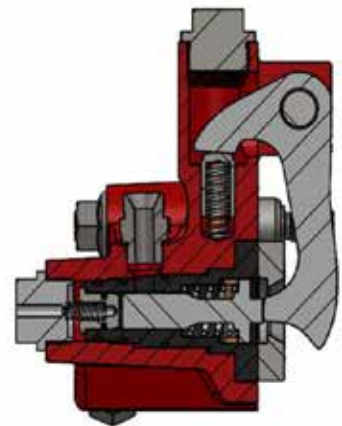
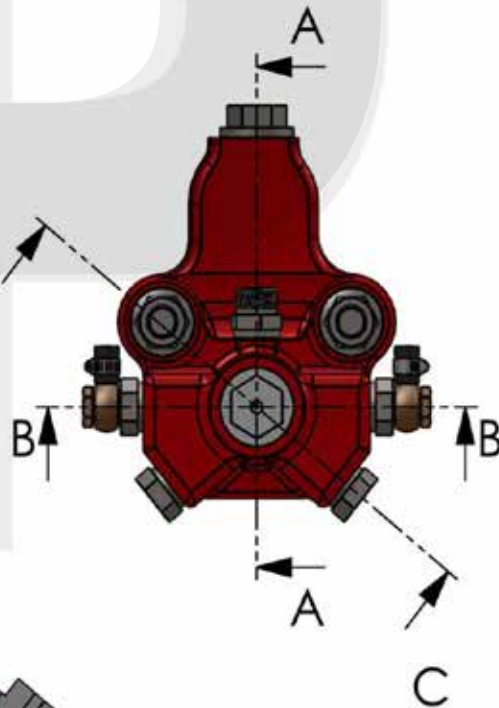
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	206018	CYLINDER LOWER PART	1
2	94281	DOWEL PIN 50MM X 80MM 24	
3	103419	OUTER ENDRING COMPLETE 2 PCS	1
4	20036	RUBBER RING (2 PCS) 1	
5	206001	RUBBER RING SPACER (2 PCS)	1
6	206026	HEX BOLT M36 X 280	12
7	17325	INNER ENDRING (2 PCS)	1
8	60835	INNER DAMP RING	1
9	22592	REDUCER	6
10	90791	GREASE NIPPLE M10 X 1	6
11	90002	SEALING RING 18 X 22	1
12	91460	PLUG SCREW M18 X 1.5	1
13	95234	THREADED INSERT M30	24
14	92031	SEALING RING A20 X 24	4
15	92016	20MM X 1.5 PLUG SCREW	4
16	206027	DOWEL PIN 50MM X 90MM	12
17	206025	D70 TRICK RING	1



Lube Pump

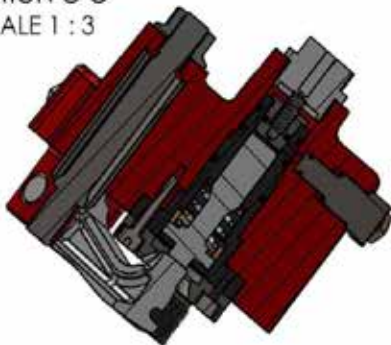


SECTION B-B
SCALE 1 : 3



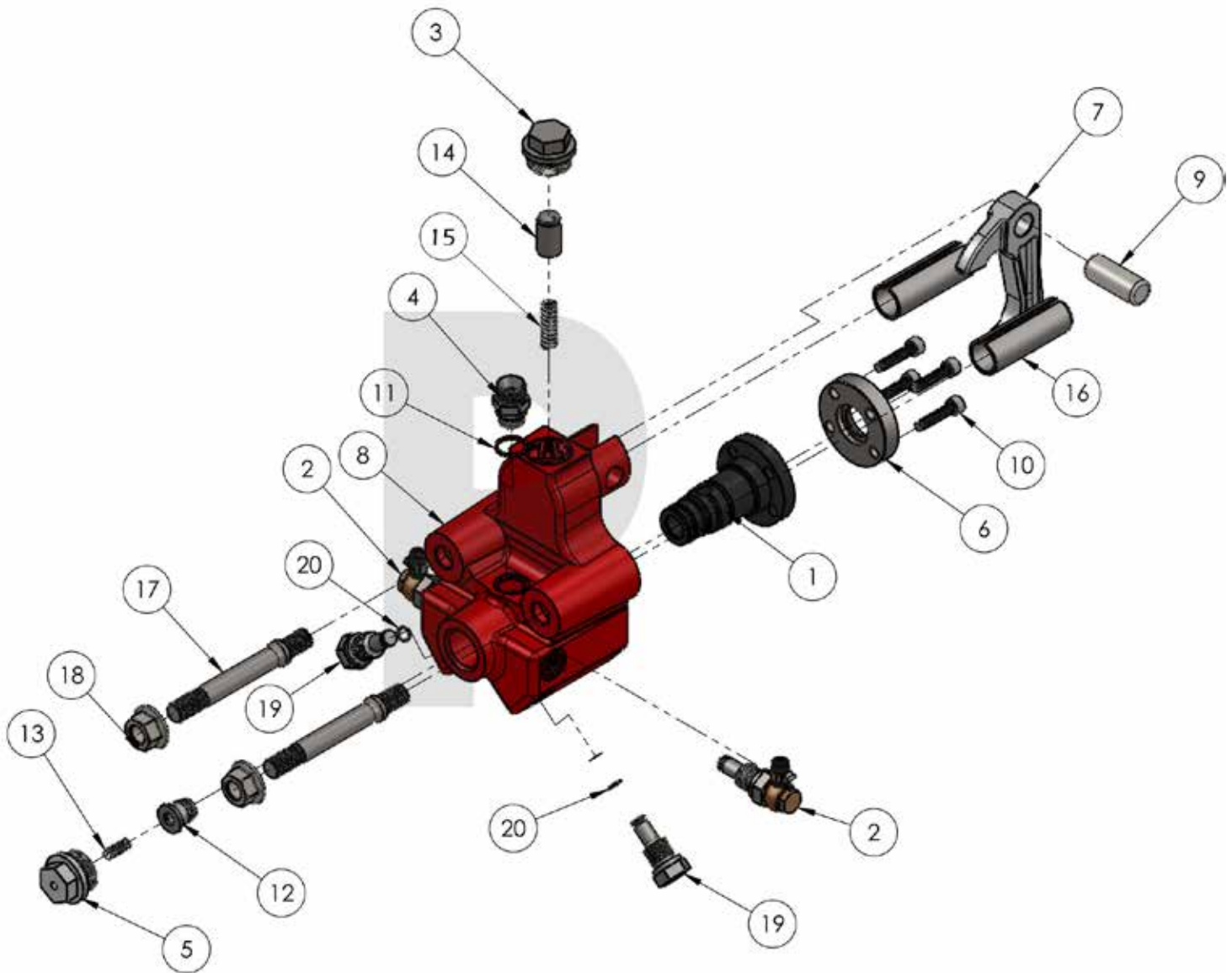
SECTION A-A
SCALE 1 : 3

SECTION C-C
SCALE 1 : 3





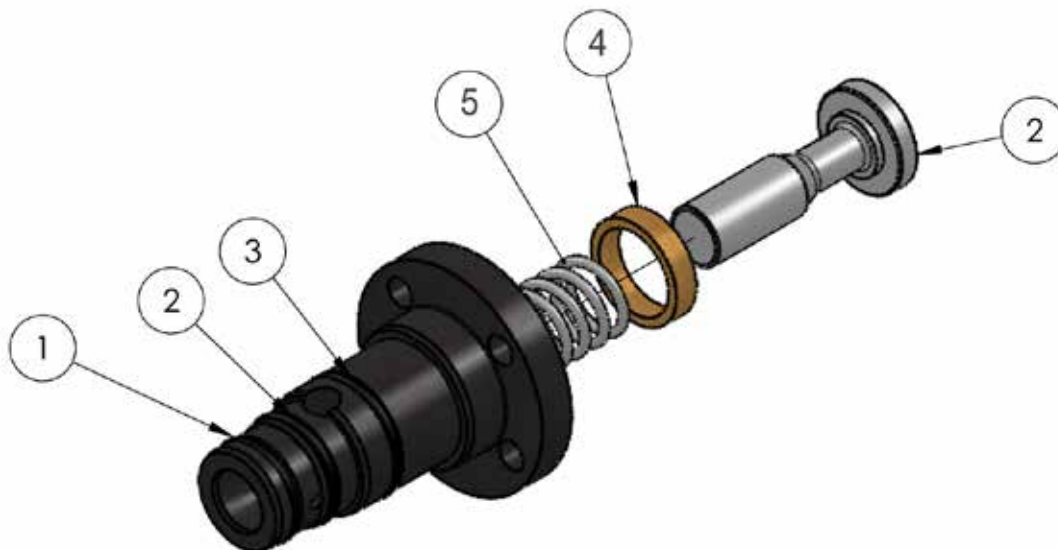
**Lube Pump
Complete**



Continued.....

**Lube Pump
Complete**

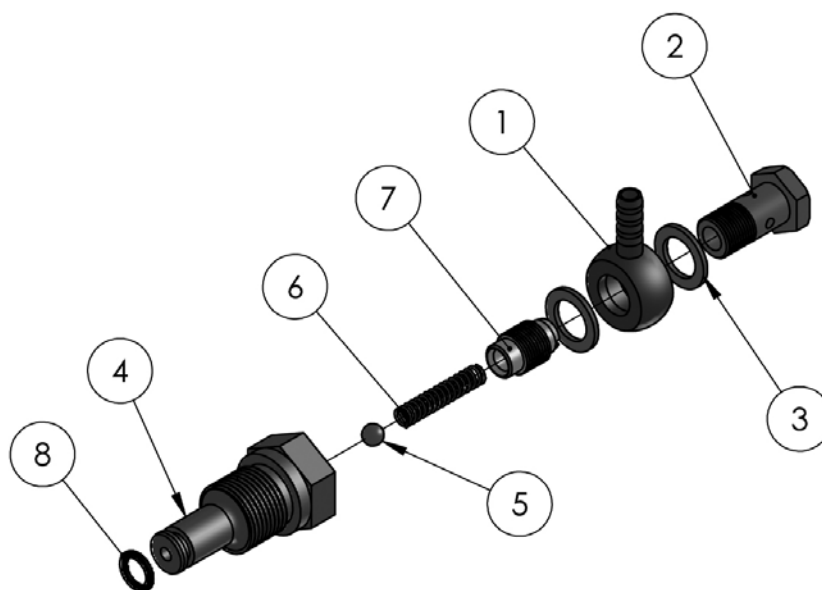
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	67279	CYLINDER COMPLETE	1
2	108317	PRESSURE VALVE COMPLETE	3
3	91976	PLUG SCREW	1
4	67290	ADAPTER	1
5	108328	PLUG SCREW	1
6	67282	WASHER	1
7	22081	LUBE PUMP LEVER	1
8	108315	LUBE PUMP BODY	1
9	22082	PUMP LEVER PIN	1
10	90937	M8 x 35 DIN 912 8.8	4
11	92031	SEALING 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

**Lube Pump Cylinder
Complete**

***each part number links to web site part**

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

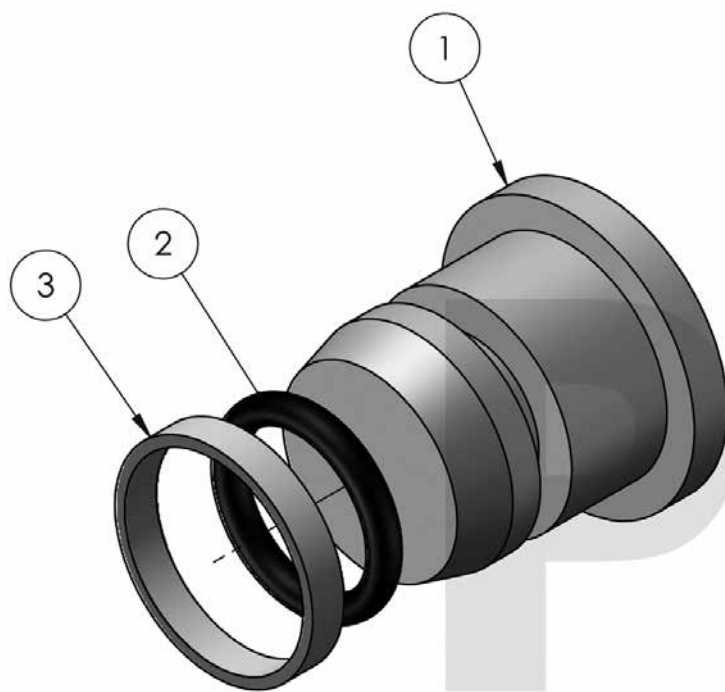
Pressure Valve Complete



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

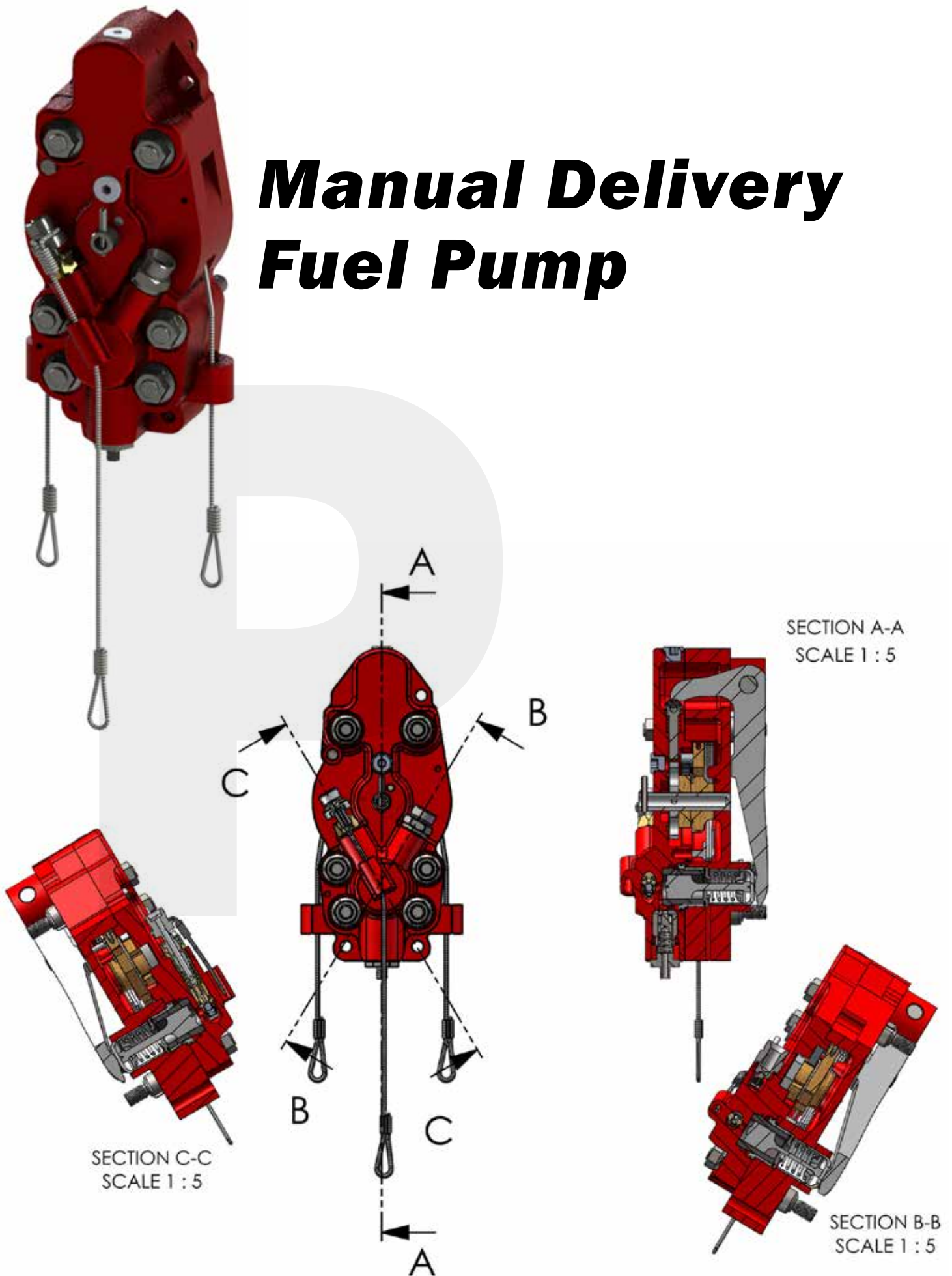
**SOLD
TOGETHER**

**Piston
Complete**



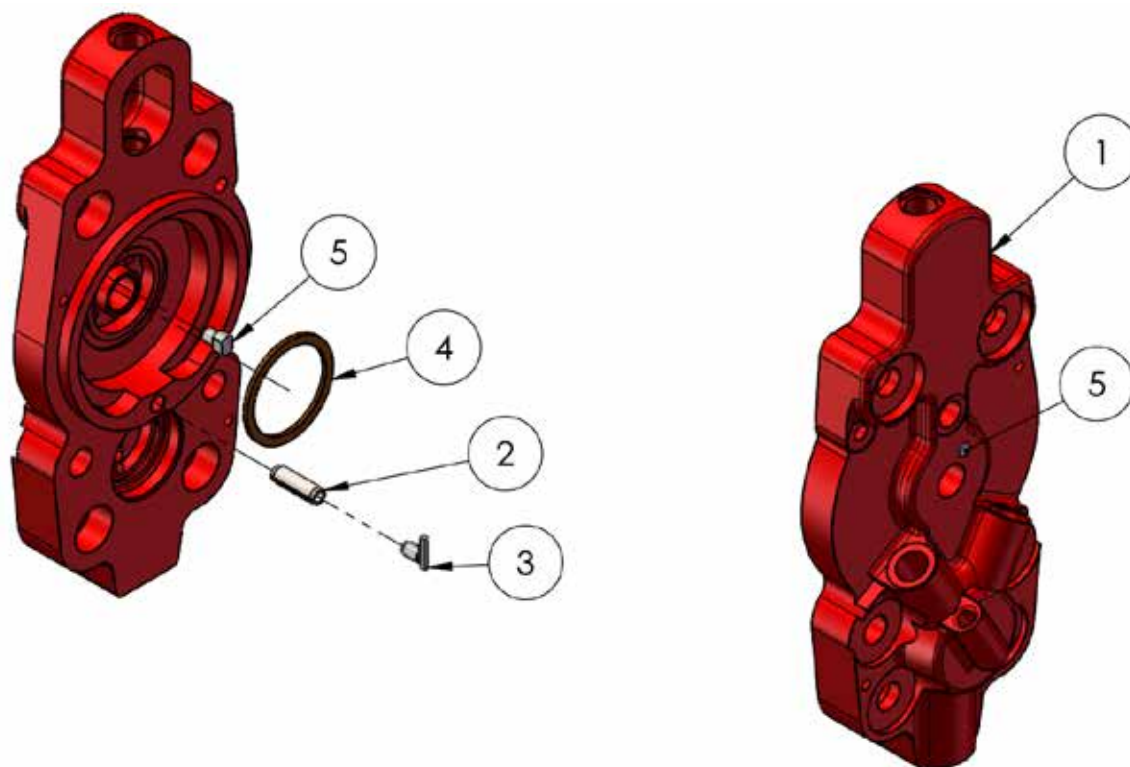
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	67285	PISTON	1
2	97326	O RING	1
3	97326	SLIP RING	1

Manual Delivery Fuel Pump



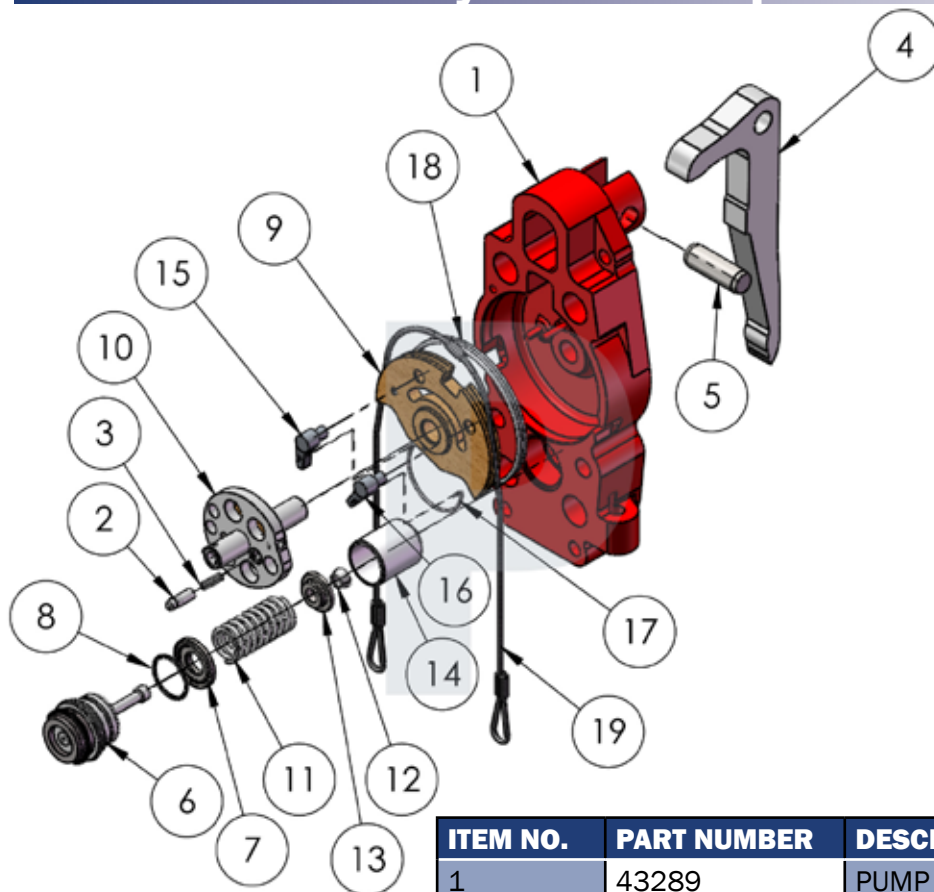


**Pump cover
Complete**

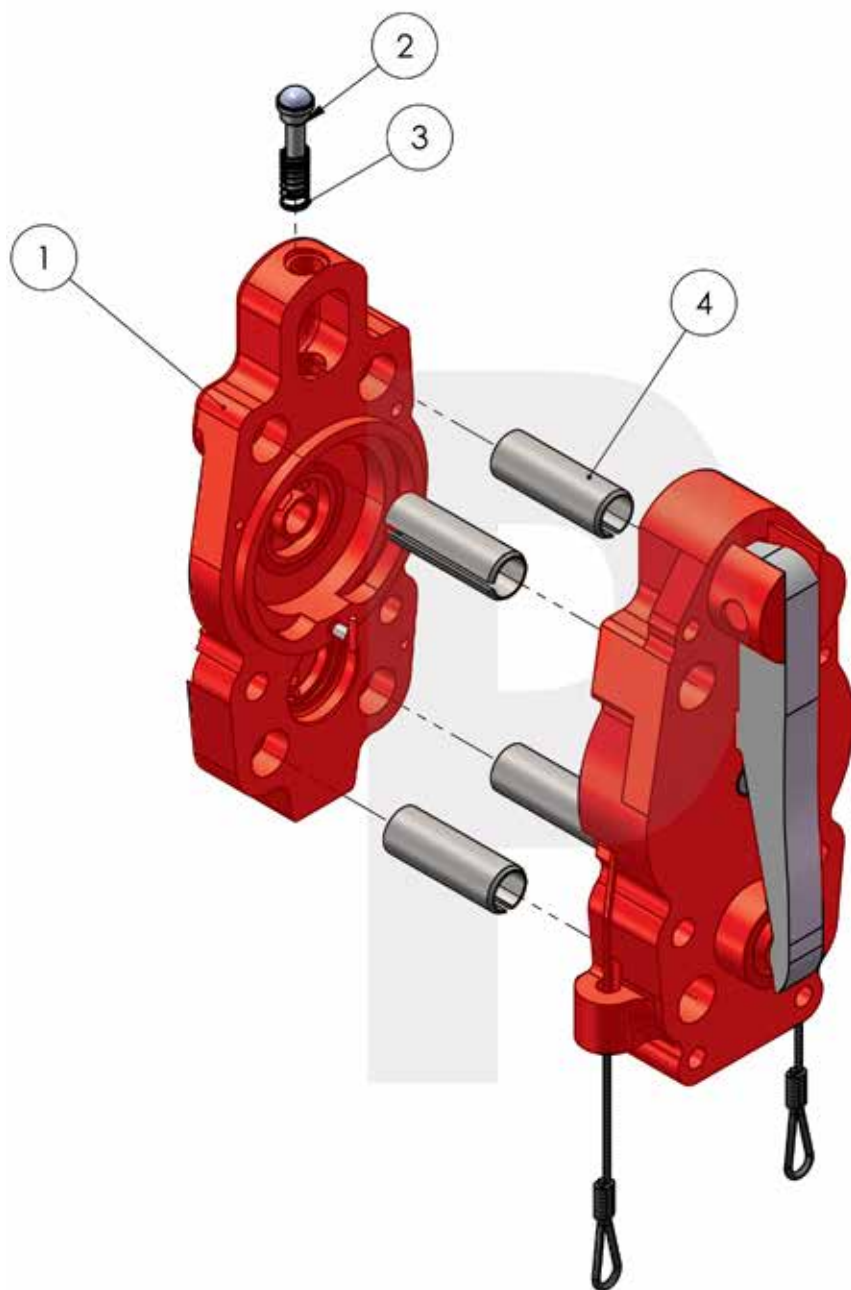


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	43291-1	PUMP COVER PART	1
2	90231	DOWEL PIN 10 X 32	1
3	22796	STOP	1
4	22050	RING	1
5	43307	STOP PIN	1

Variable Delivery Fuel Pump

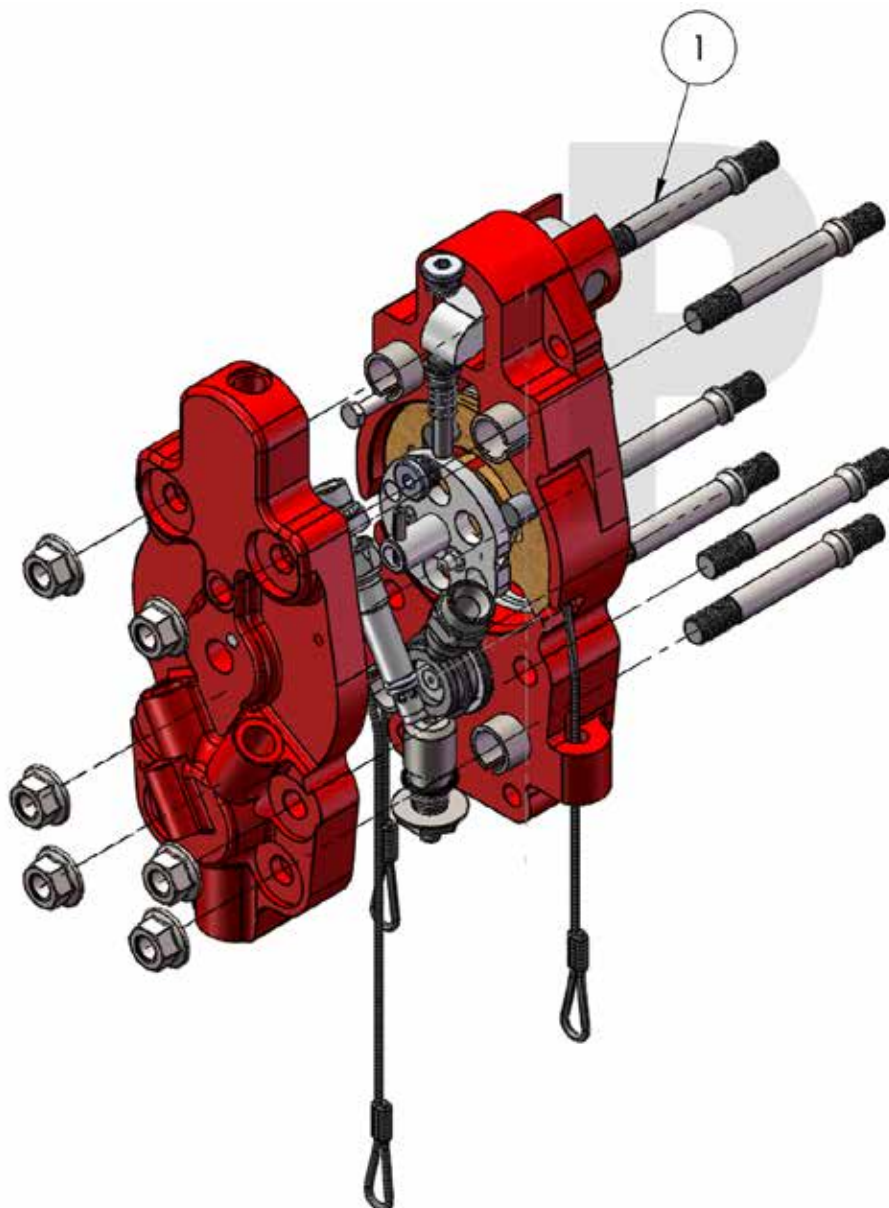


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	43289	PUMP BODY	1
2	22049	SCREEN PIN	1
3	22044	PRESSURE SPRING 5.5 X 20 X 1.2	1
4	41869	PUMP LEVER	1
5	22043	PUMP LEVER PIN	1
6	207011	D80 PUMP ELEMENT 32MM	1
7	43994	HOLDER RING	1
8	92996	ROUND SEALING RING 35 X 2.5	1
9	22040	ROPE DISC	1
10	43308	SWITCH SHAFT	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

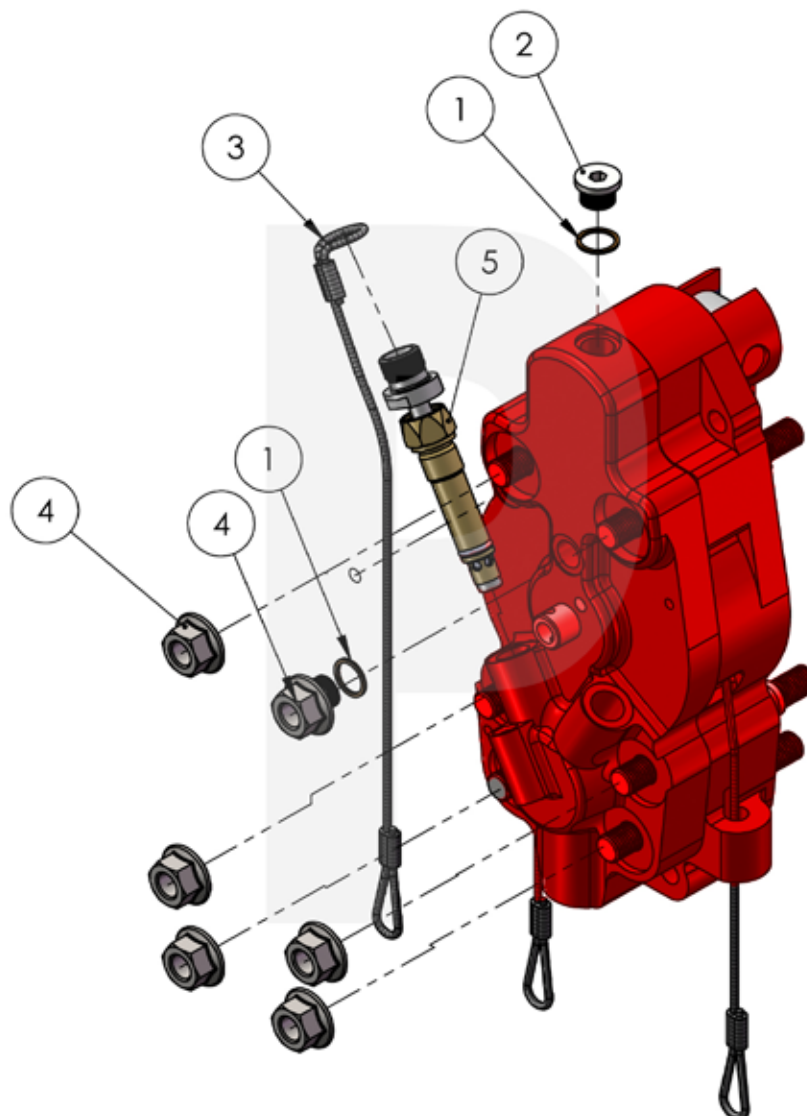
**Variable Delivery Fuel Pump
Complete**

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

Variable Delivery Fuel Pump Complete

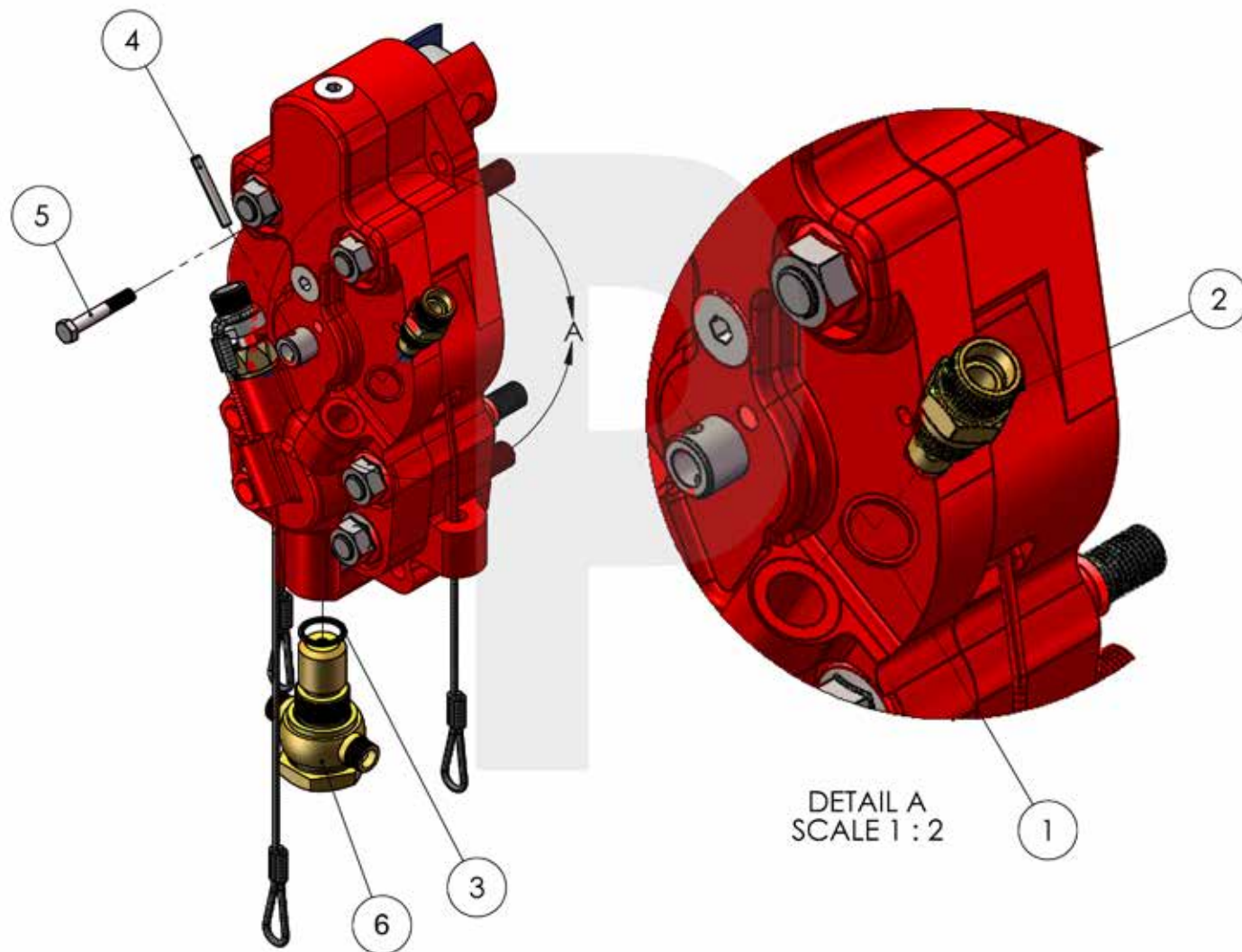


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	20189	PUMP STUD M16	6

**Variable Delivery Fuel Pump
Complete**

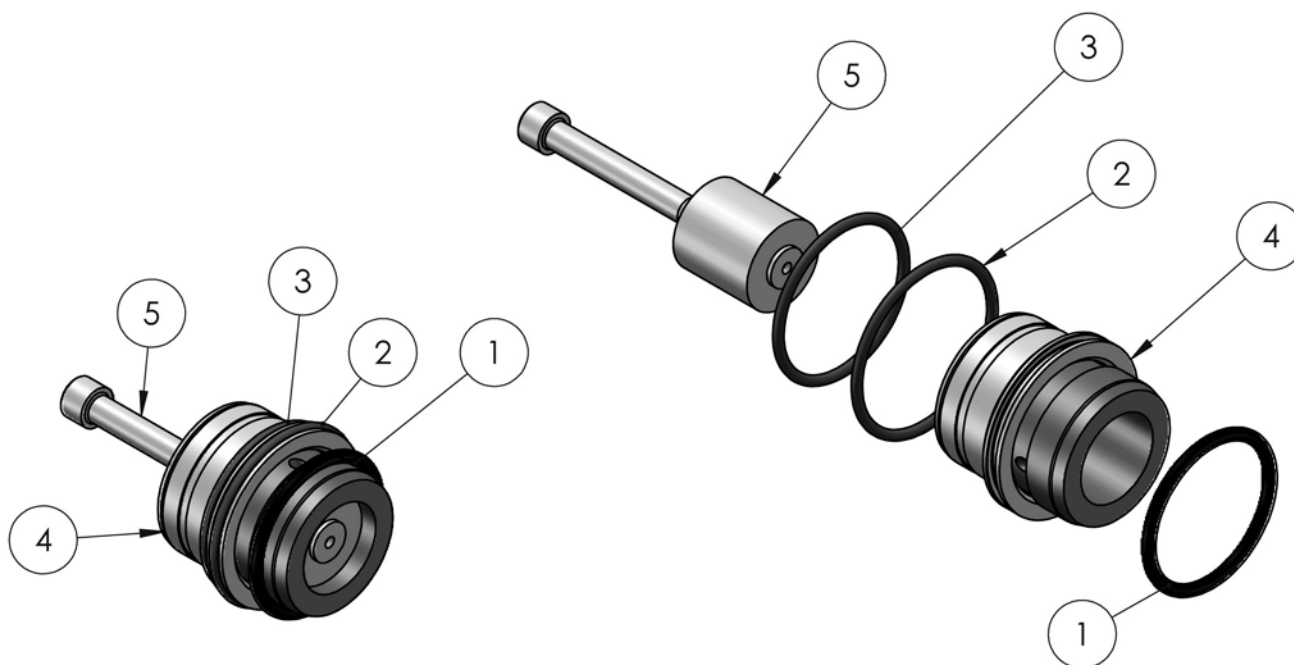
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	90002	SEALING RING A18 X 22	2
2	93055	PLUG SCREW M18 X 1.5	2
3	17546	REGULATING ROPE	1
4	94722	M16 WASHER NUT	6
5	41868	STOP VALVE COMPLETE	1

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

32MM Pump Element Complete

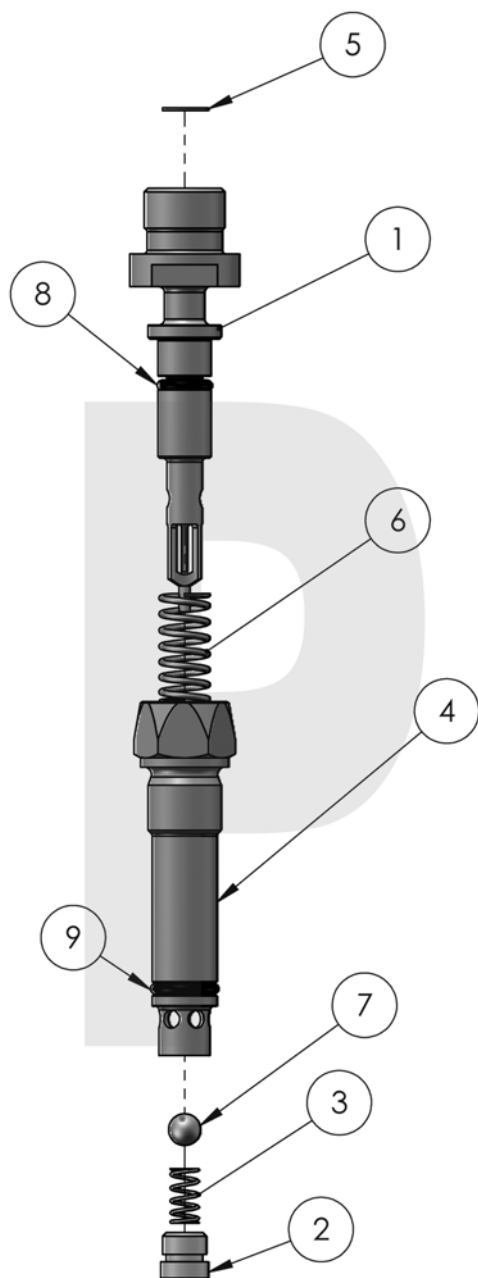


Sold as one complete unit!

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	207011	32MM ELEMENT BODY	1
5	207011	32MM ELEMENT PLUNGER	1

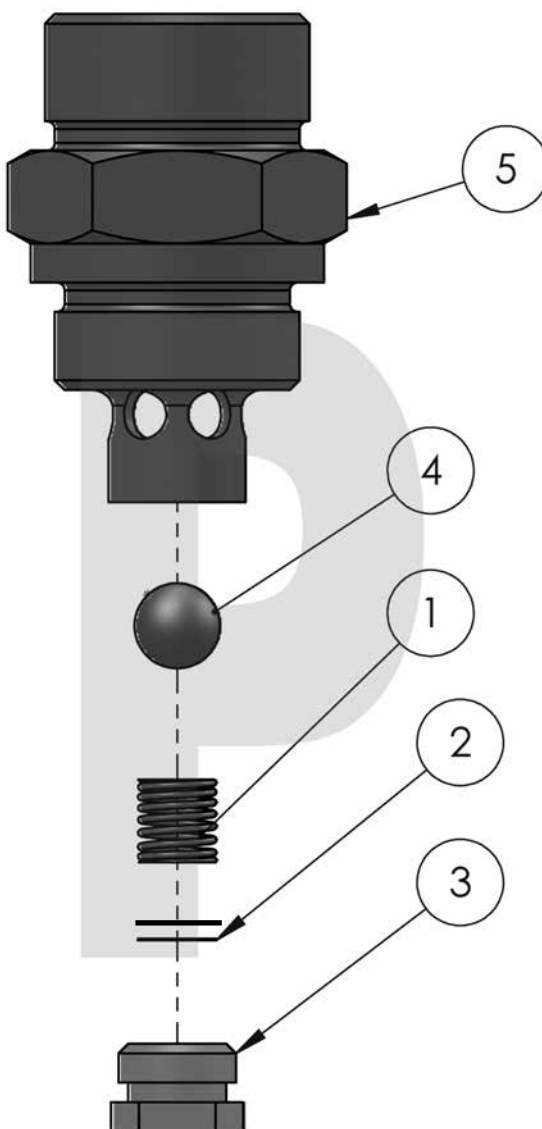
TOGETHER

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

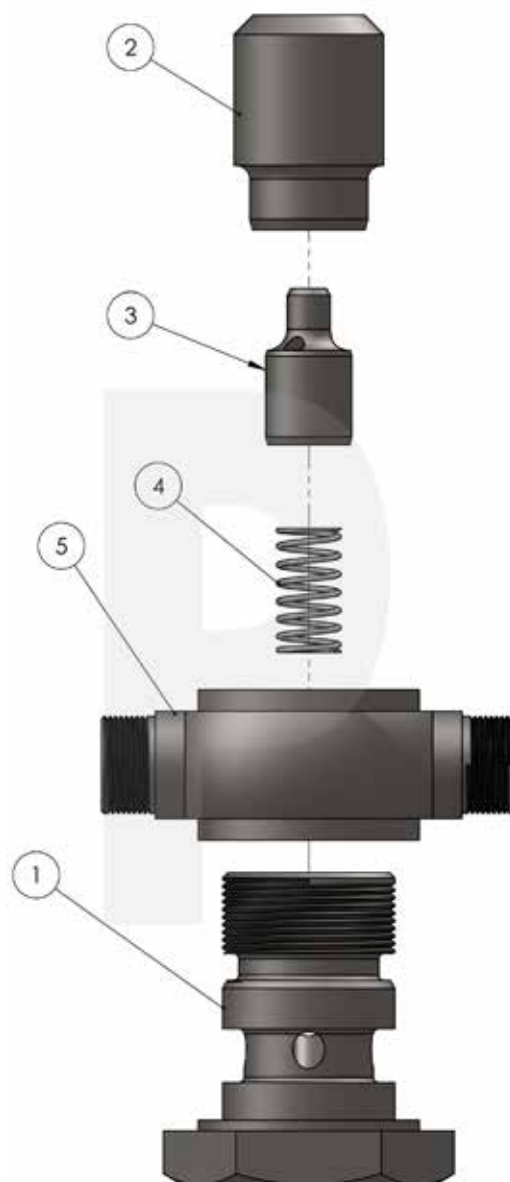
Suction Valve Complete



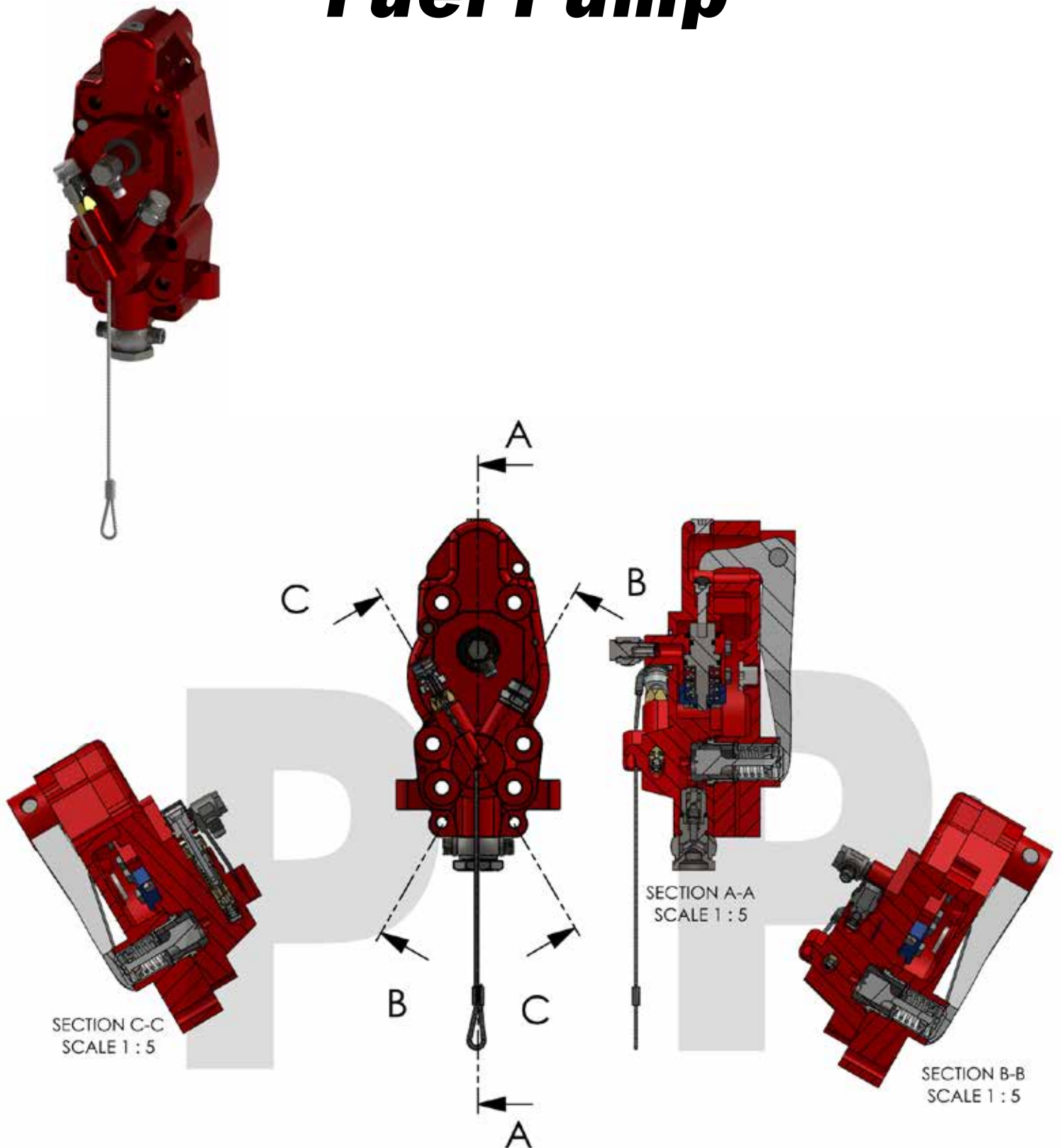
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	22022	PRESSURE SPRING 7.3 X 8 X 0.7	1
2	22023	WASHER	2
3	41862	THREADED PLUG	1
4	98511	BALL 8.731MM	1
5	41861	SLEEVE	1

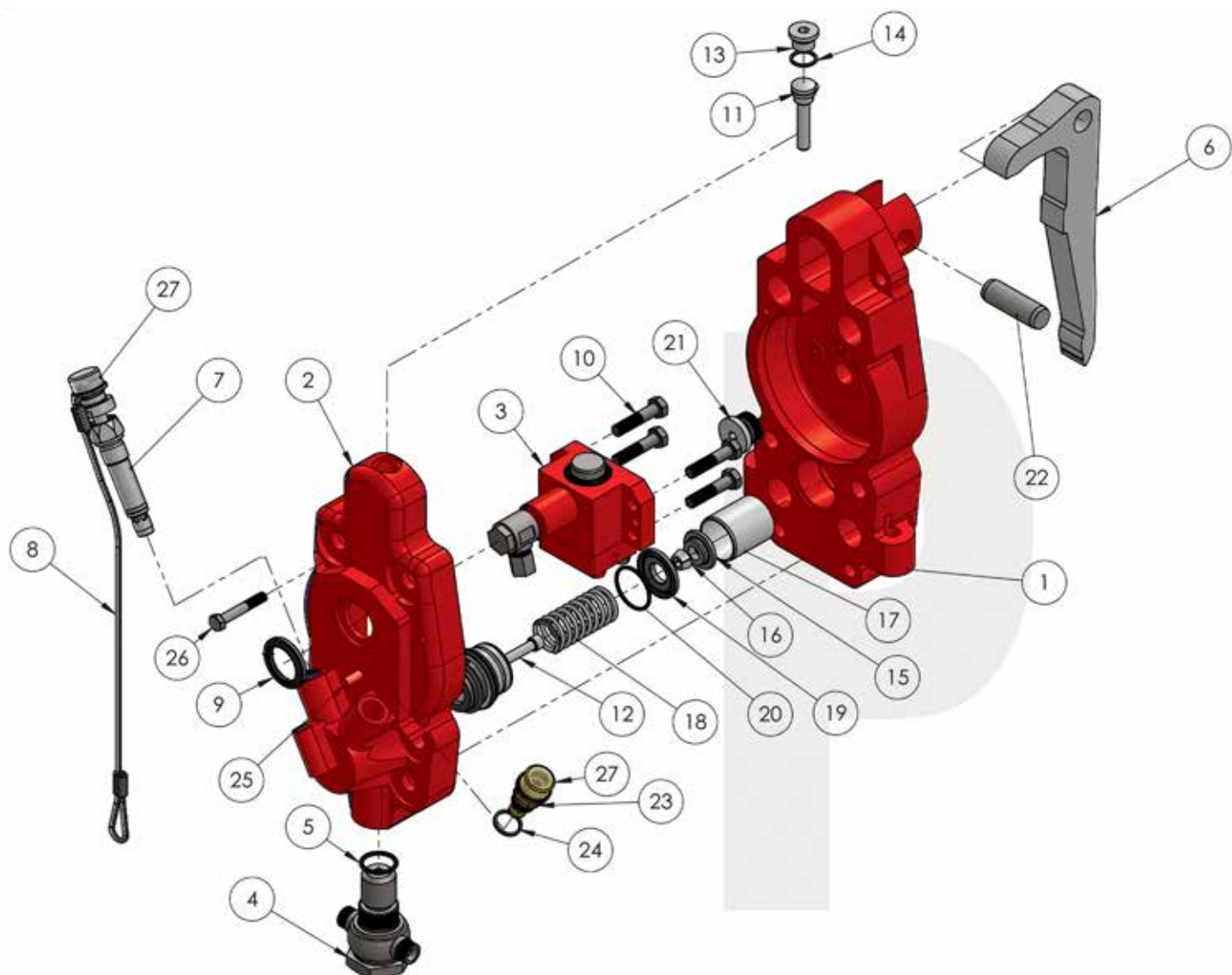
Check Non-Return Valve Complete

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



Hydraulic Delivery Fuel Pump

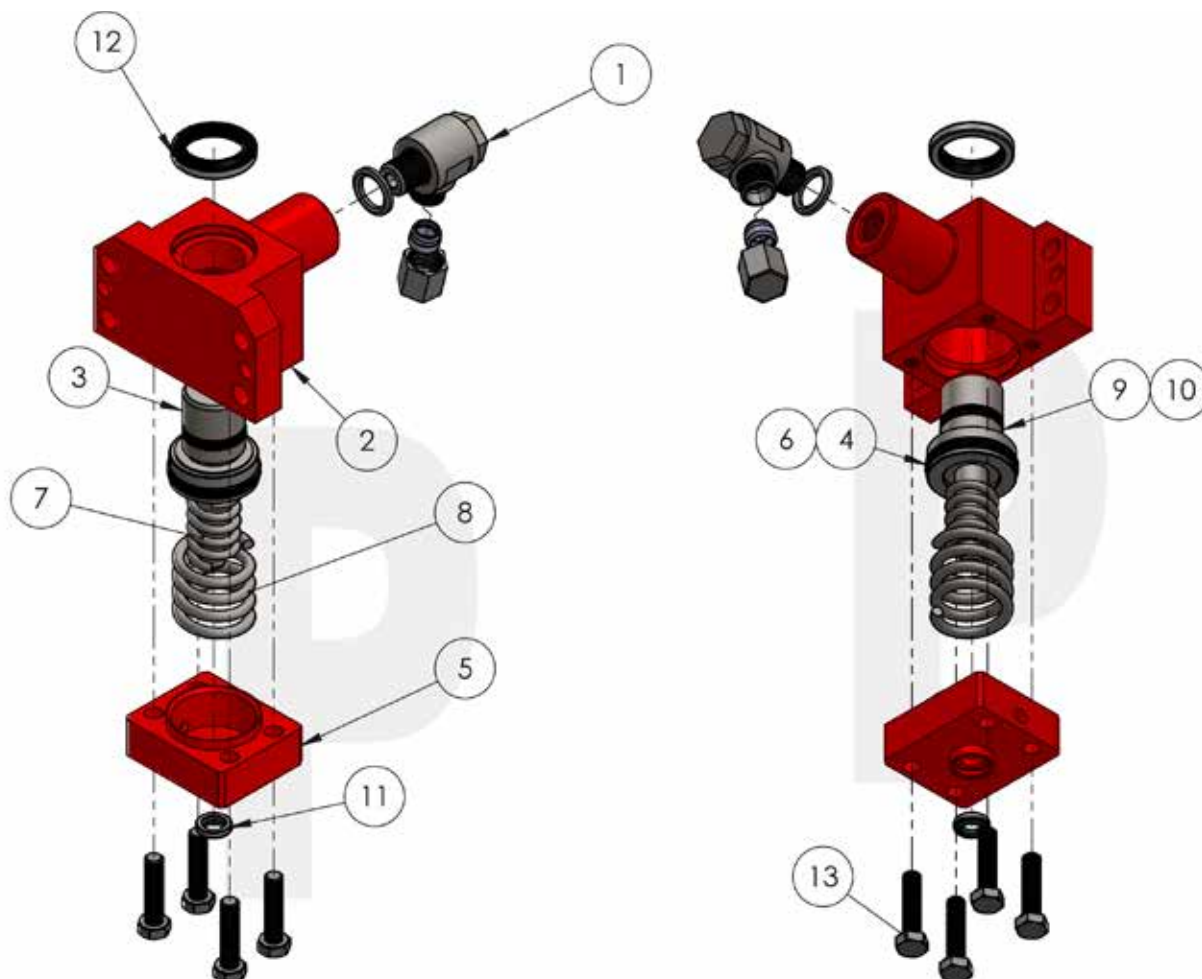




Hydraulic Variable Fuel Pump Continued.....



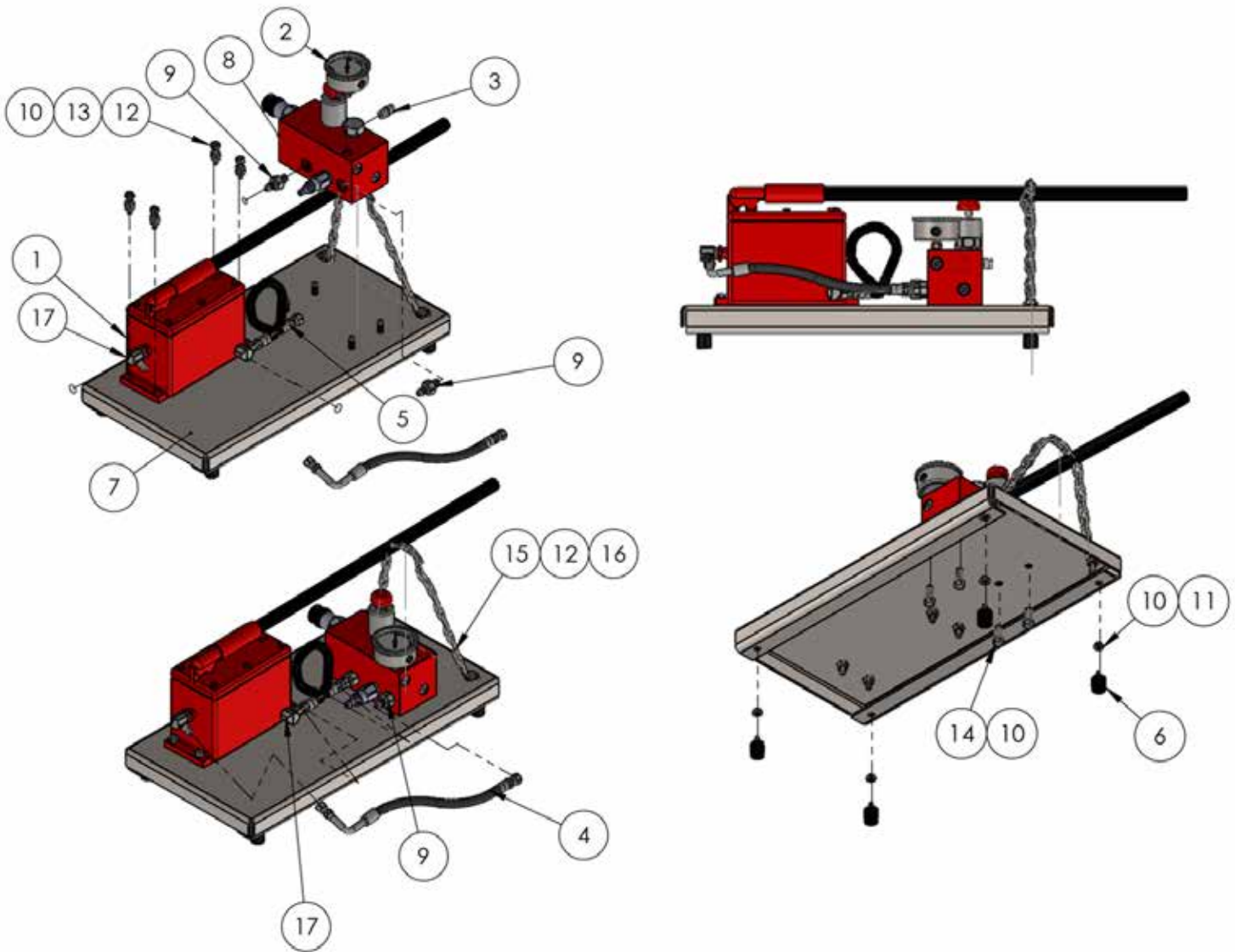
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	205503	PUMP BODY	1
2	205508	PUMP COVER	1
3	122446-C	FUEL PUMP CONTROL COMPLETE	1
4	60827	CHECK NON RETURN VALVE COMPLETE	1
5	91296	O RING 22 X 3	1
6	41869	PUMP LEVER	1
7	41868	STOP VALVE COMPLETE	1
8	17546	REGULATING ROPE	1
9	205507	DUST RING	1
10	93414	10-1.5 X 30 HEX HEAD CAPSCREW 8.8	4
11	205501	PRESSURE PIECE	1
12	207011	D80 PUMP ELEMENT 32MM	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



Hydraulic Hand Pump Assembly

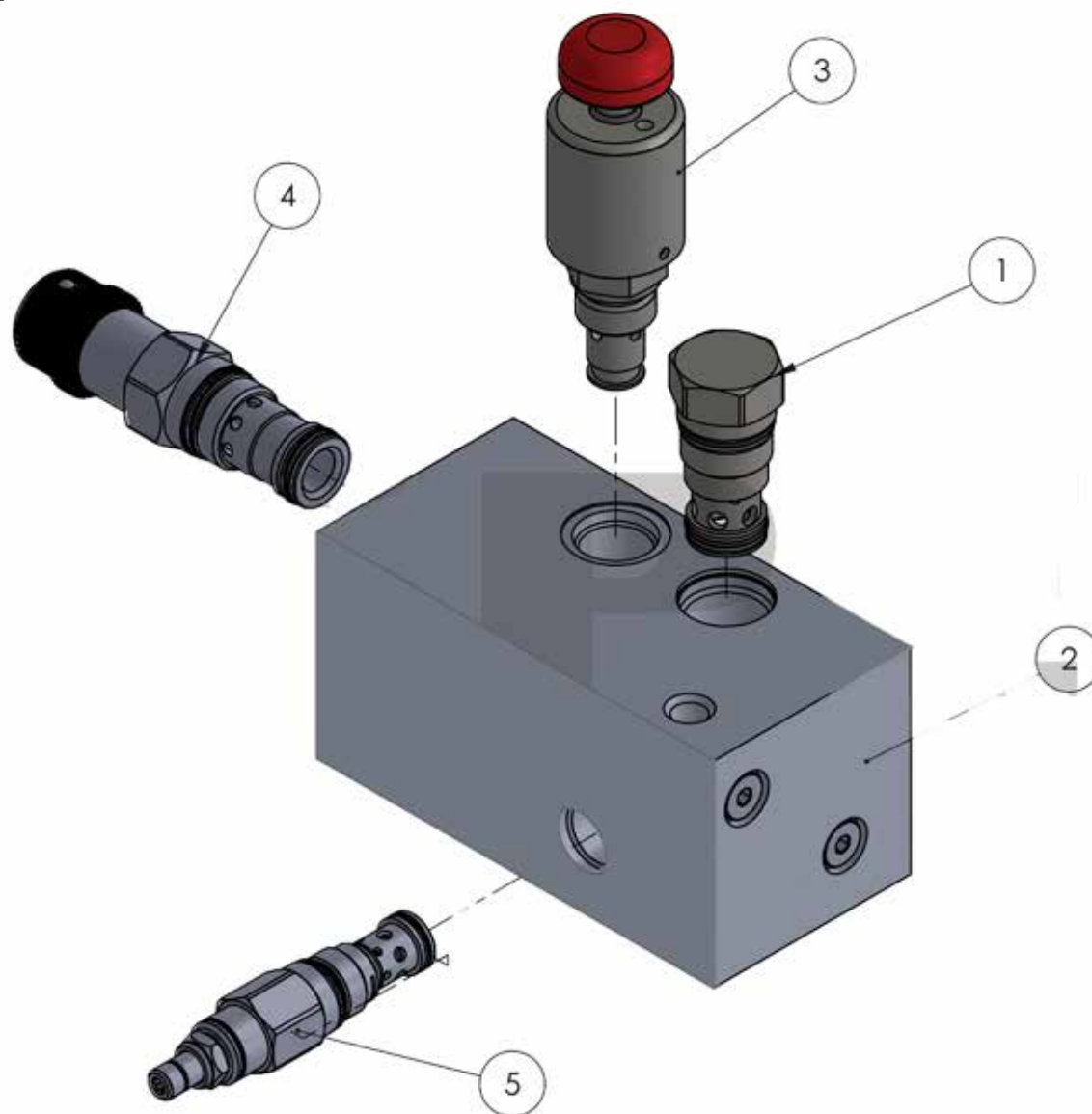


Hydraulic Hand Pump Continued....

**Hydraulic Hand Pump
Assembly****Hydraulic Hand Pump Continued....**

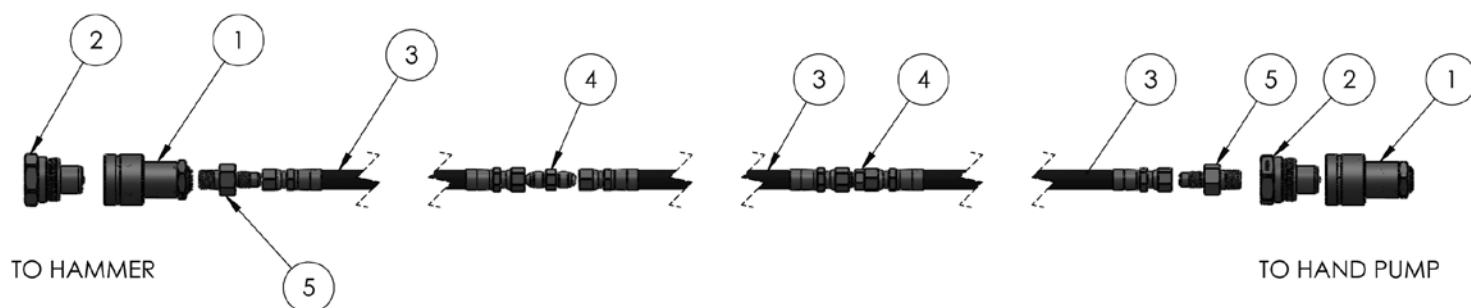
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	55107	P-51 ENERPAC PUMP	1
2	55120	G25-SL600-CB SS PRESSURE GAUGE	1
3	55121	4SAE MALE TO 1/4 NPT MALE ADAPTER	1
4	55104	1/4 JIC FEMALE SWIVEL FITTING TO 1/4 JIC FEMALE SWIVEL 1/4 PRESSURE HOSE	1
5	55109	1/4 JIC FEMALE SWIVEL FITTING TO 1/4 JIC FEMALE SWIVEL HOSE 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/O X 16"	1
16	8005970	5/16 FLAT WASHER	2
17	8005975	1/4 MALE JIC TO 1/4" FEMALE NPT FITTING	2

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

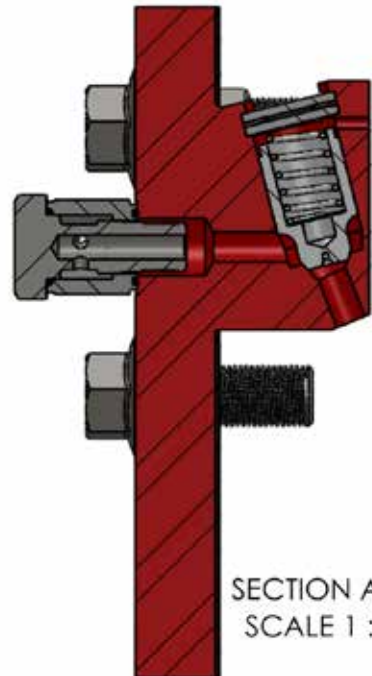
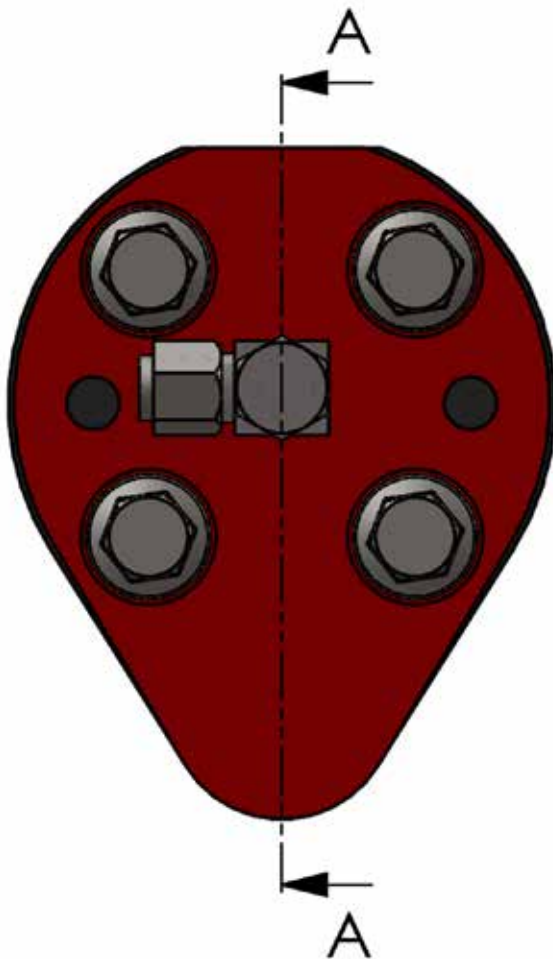
HAND PUMP 1/4" HOSE ASSEMBLY 150FT IN 50FT SECTIONS



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

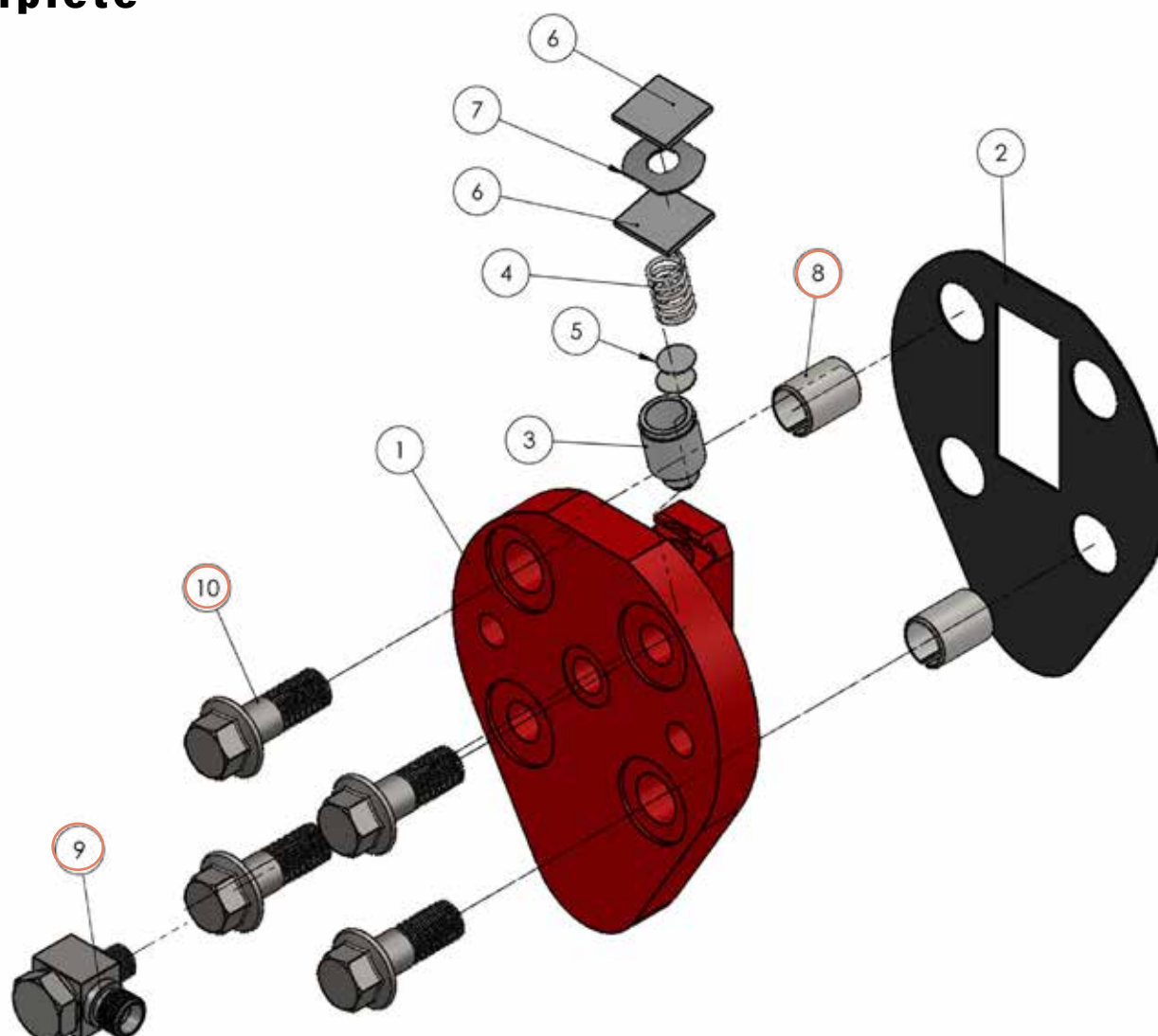


Fuel Injection



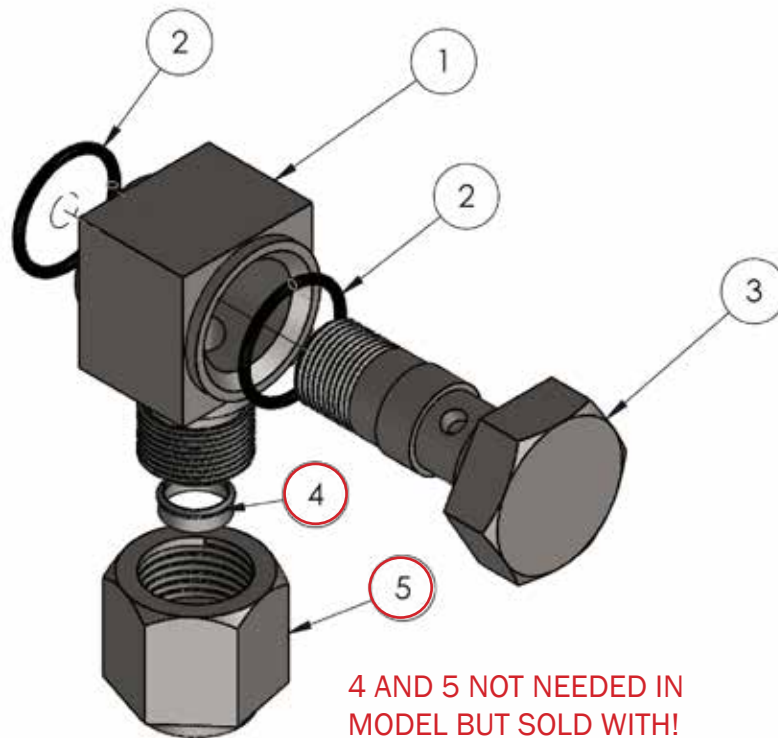
SECTION A-A
SCALE 1 : 2

Fuel Injection Device Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	102133	INJECTION PLATE 20°	1
2	45647	GASKET	1
3	63843	VALVE PISTON	1
4	97569	PRESSURE SPRING	1
5	97573	ADJUSTING WASHER	2
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

Threaded Pipe Joint Complete



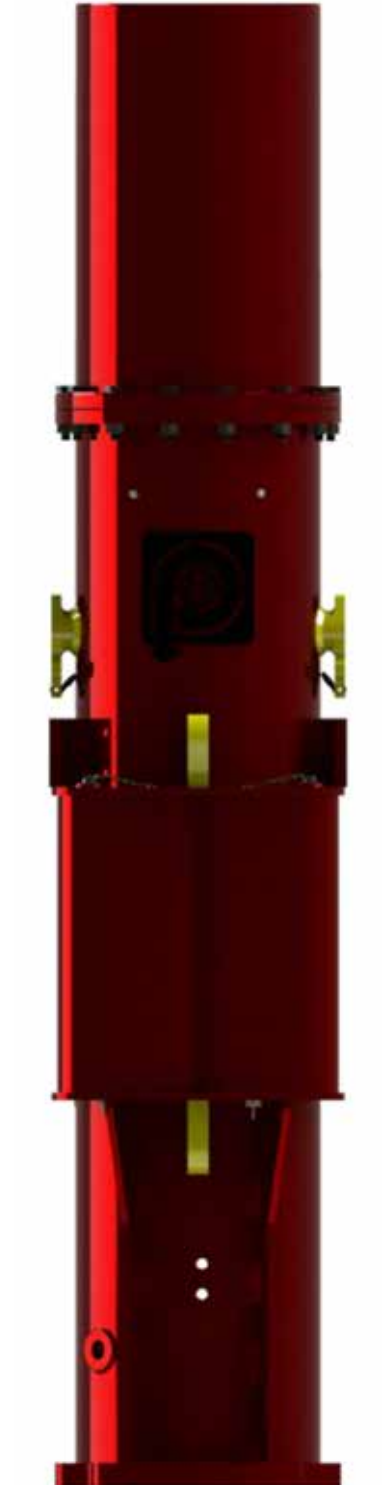
NOTE: ITEM SHOULD BE REPLACED WITH
NEW PIPE JOINT COMPLETE WHEN
REMOVED FOR SERVICING

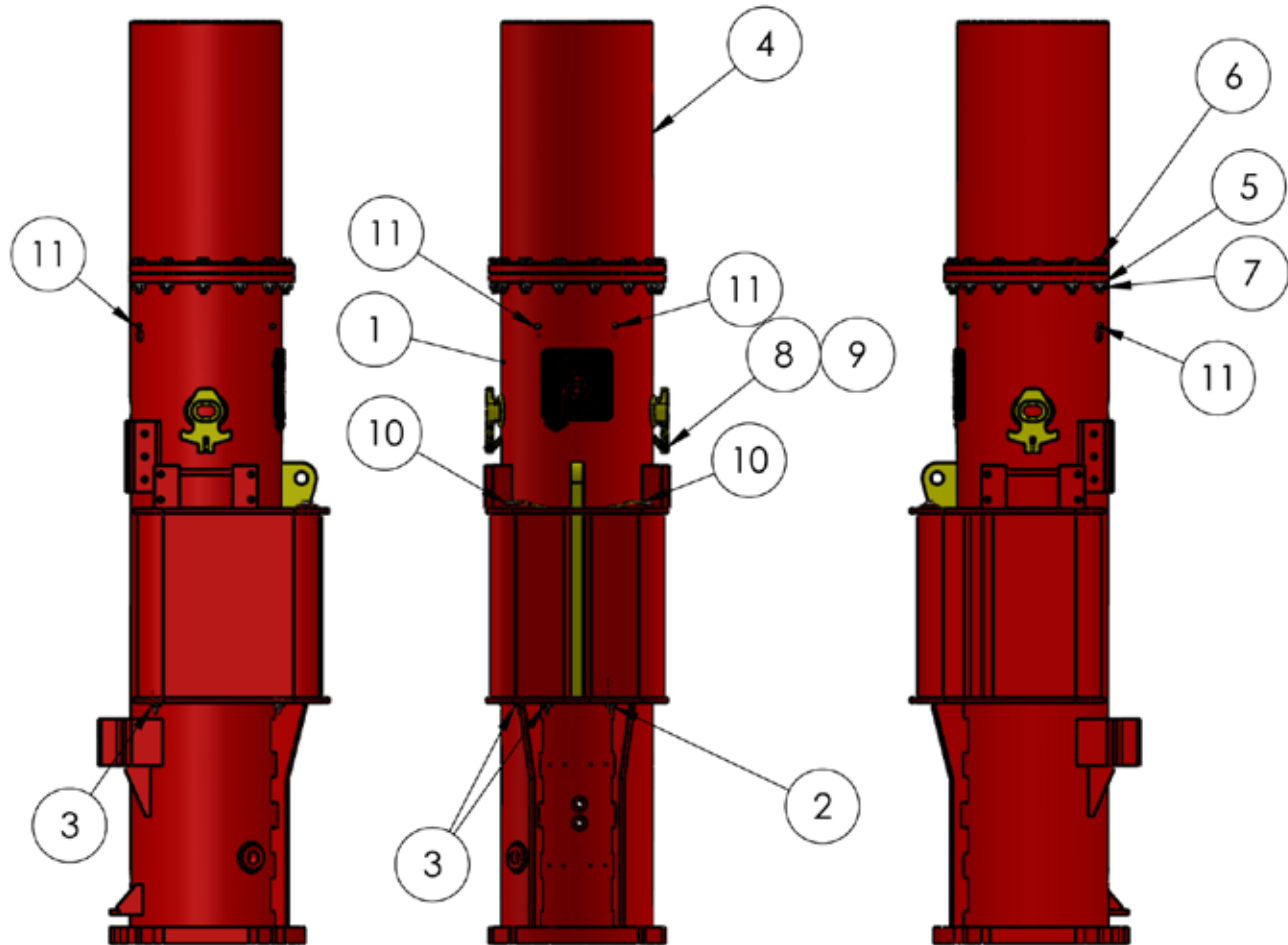
#1 SOLD COMPLETE

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 with
but not
needed in
this model.

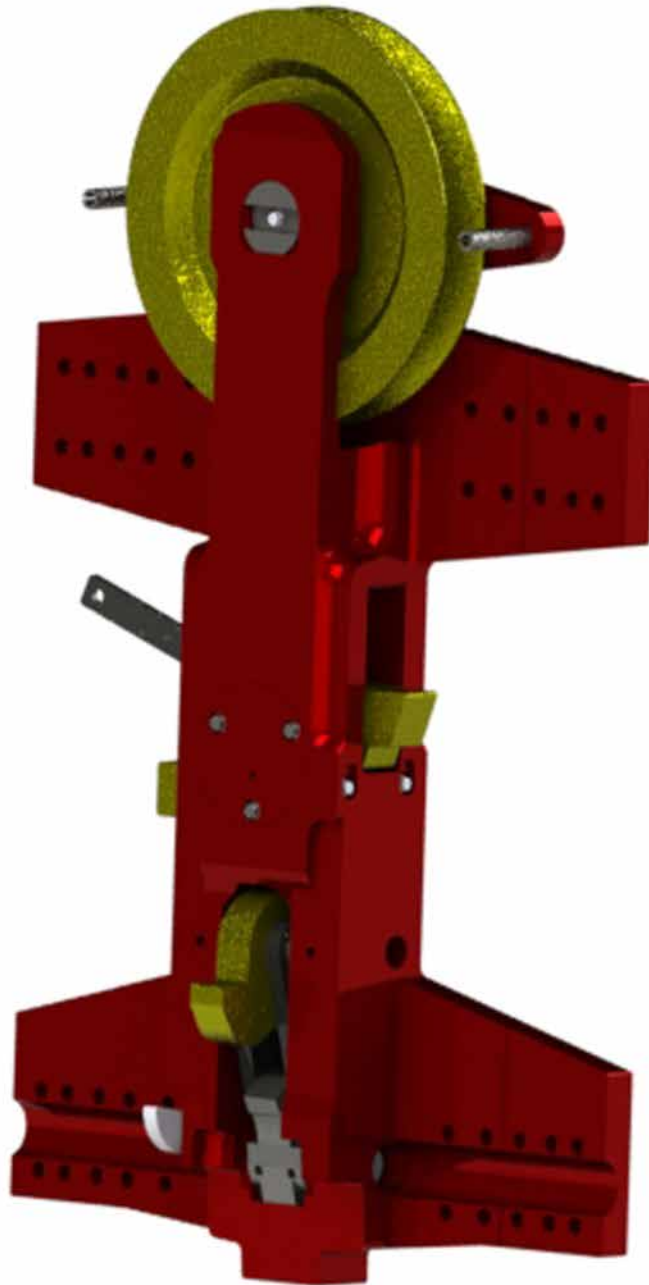
Upper Cylinder

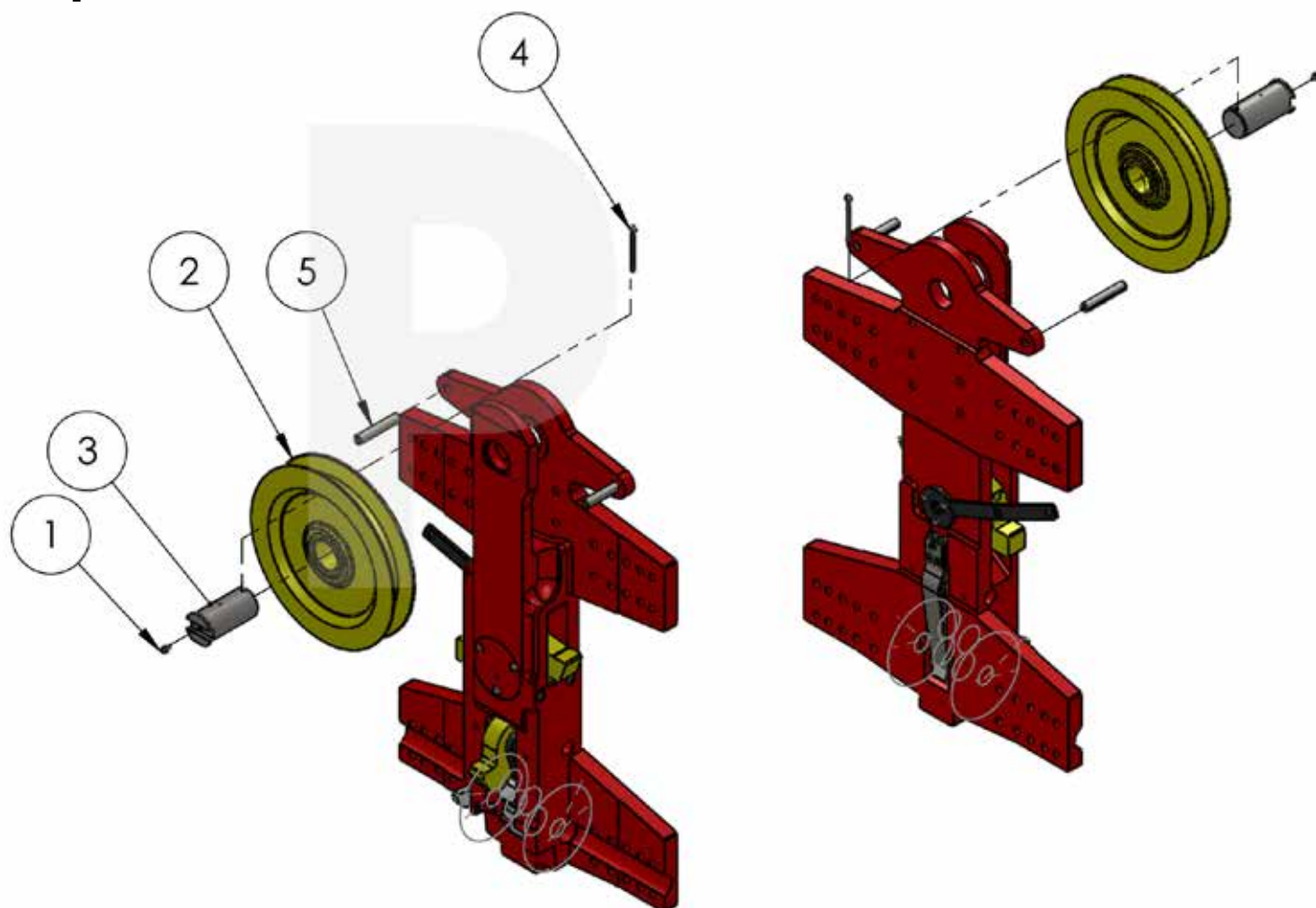


**Upper Cylinder
Complete**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	109071	CYLINDER UPPER PART	1
2	206022	FILTER ELBOW	1
3	64403	FILTER ELBOW	3
4	206003	UPPER END RING L=1000mm	1
5	203131	24MM SCHNORR SAFETY WASHER	24
6	91929	M24 X 120 HEX HEAD CAPSCREW	12
7	201202	M24 HEX NUT	12
8	17039	RATCHET	2
9	206010	DOWEL PIN 13×60	2
10	17186	PLUG SCREW (DIESEL) COMPLETE	2
11	90791	GREASE NIPPLE M10 X 1	4

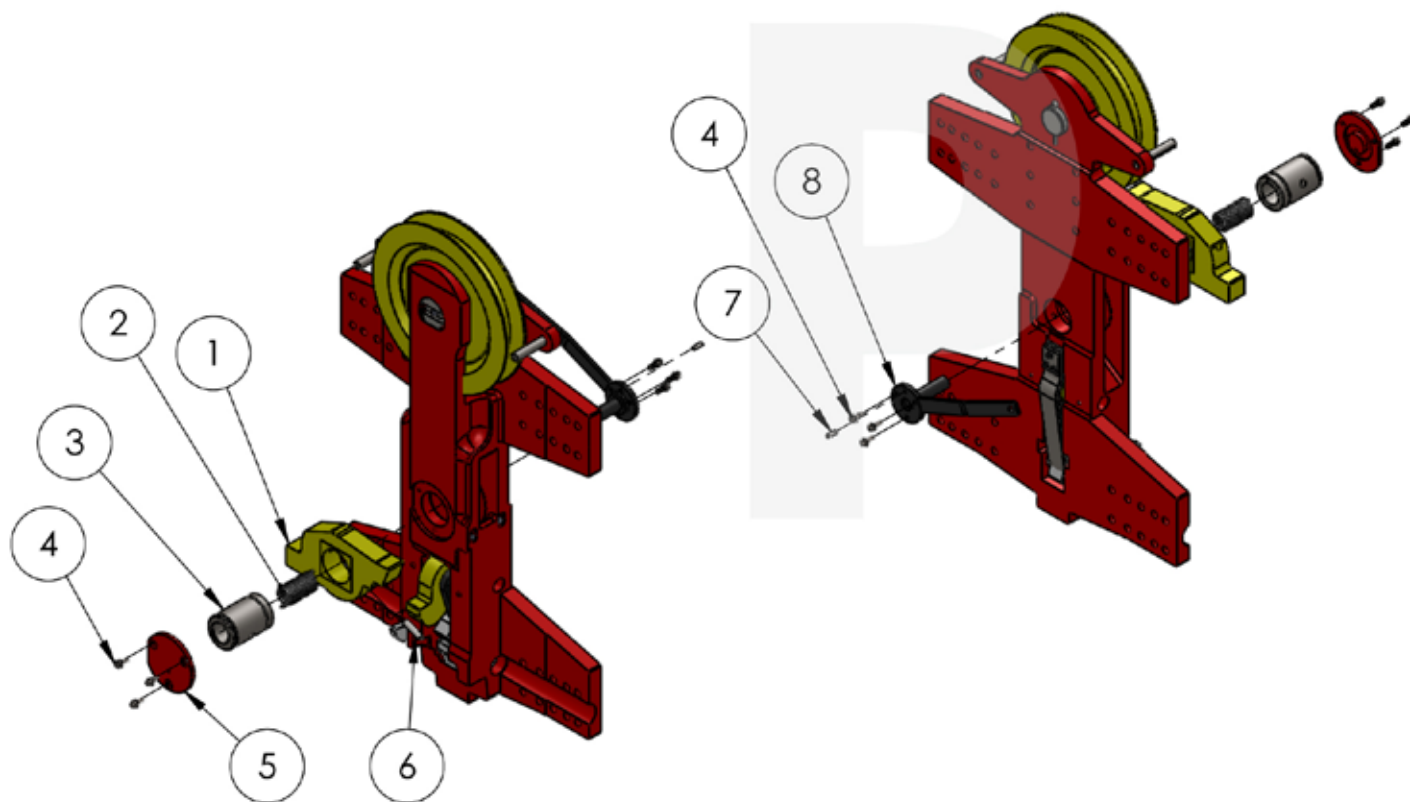
Starting Device (Trip)



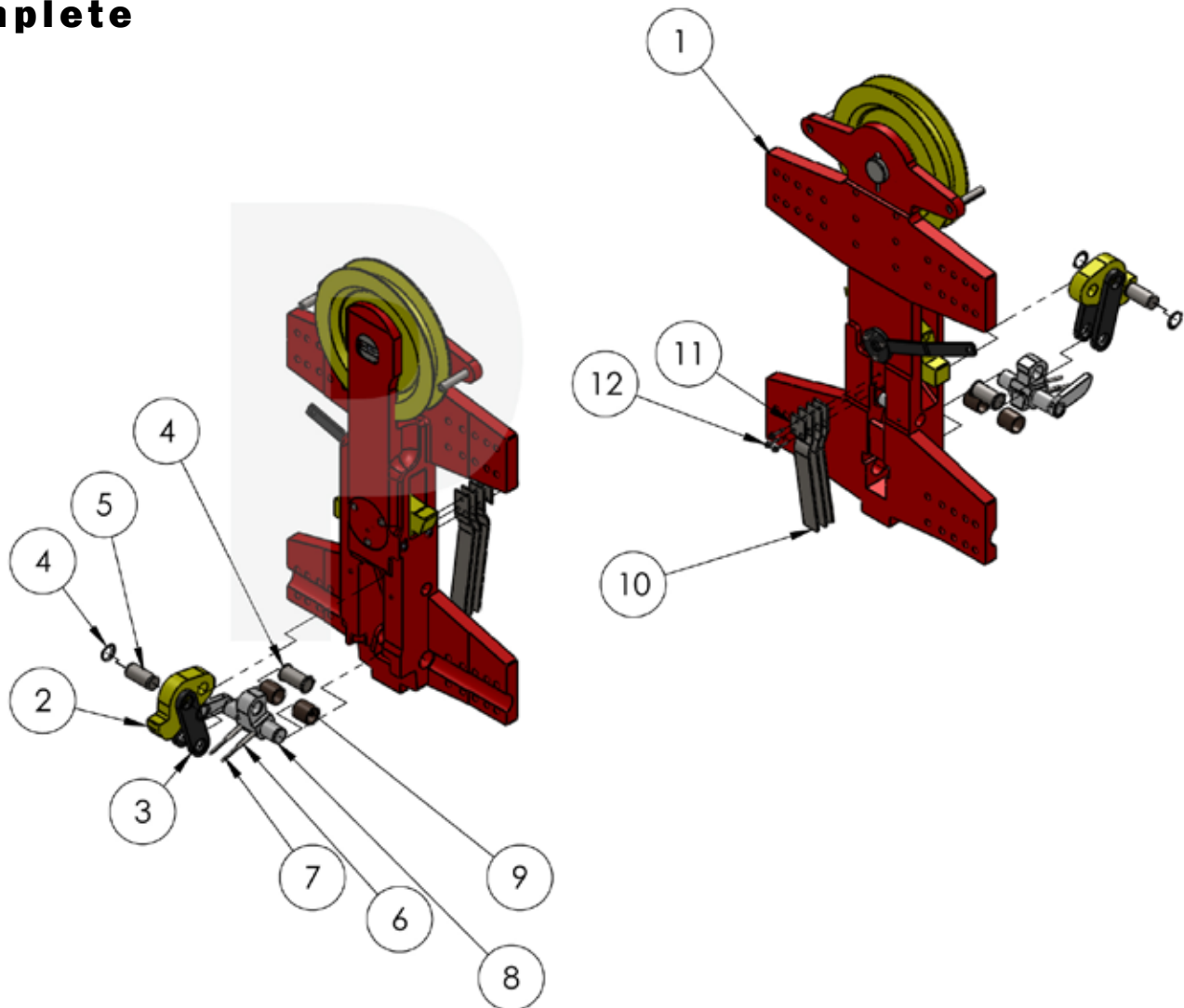
**Starting Device (Trip)
Complete**

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
5	92663	DOWEL PIN 8MM x 80	2

Starting Device (Trip) Complete

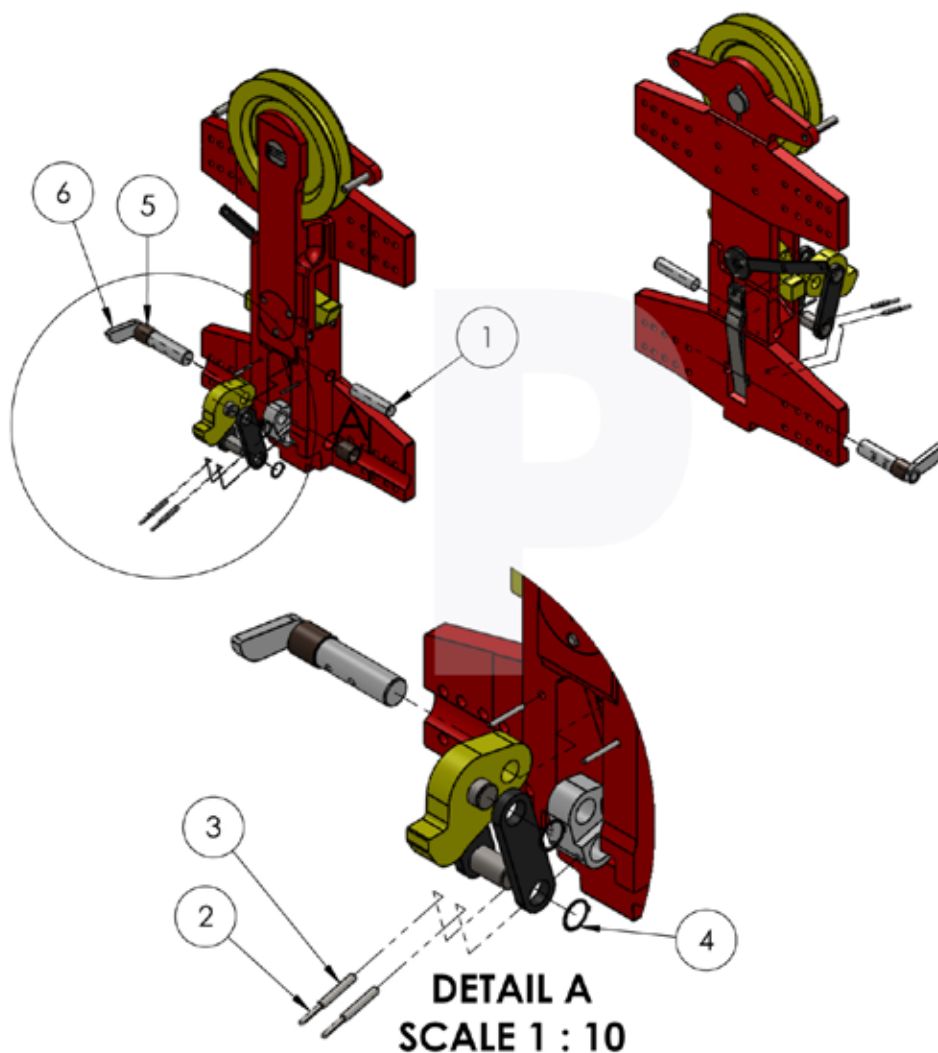


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	104925	CARRIER	1
2	104943	TORSION SPRING	1
3	104926	SHAFT	1
4	93414	10MM-1.5 X 30 SERRATED LOCKING SCREW	6
5	104927	COVER	1
6	90874	16MM x 70 ROLL SPRING PIN	1
7	90231	DOWEL PIN 10 X 32	1
8	104928	LEVER	1

**Starting Device (Trip)
Complete**

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

Starting Device (Trip) Complete



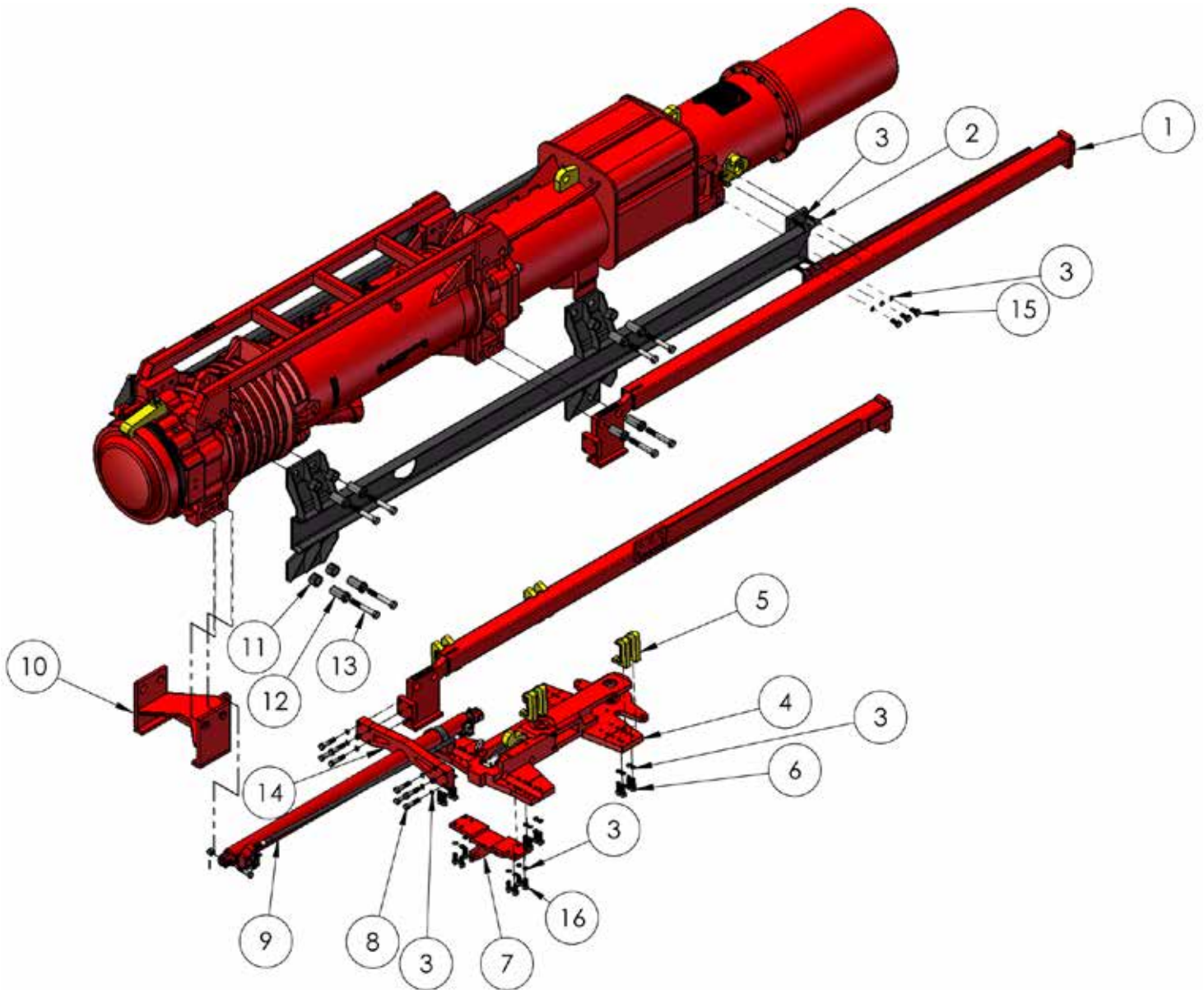
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	104944	PIN	1
2	95186	ROLL PIN 8 x 80	4
3	90600	ROLL PIN 13 x 80	2
4	93242	CIRCLIP 45 X 1.75	4
5	16916	SLEEVE	2
6	104952	PAWL LEVER	1

Hydraulic Push Start





Hydraulic Push Start Complete

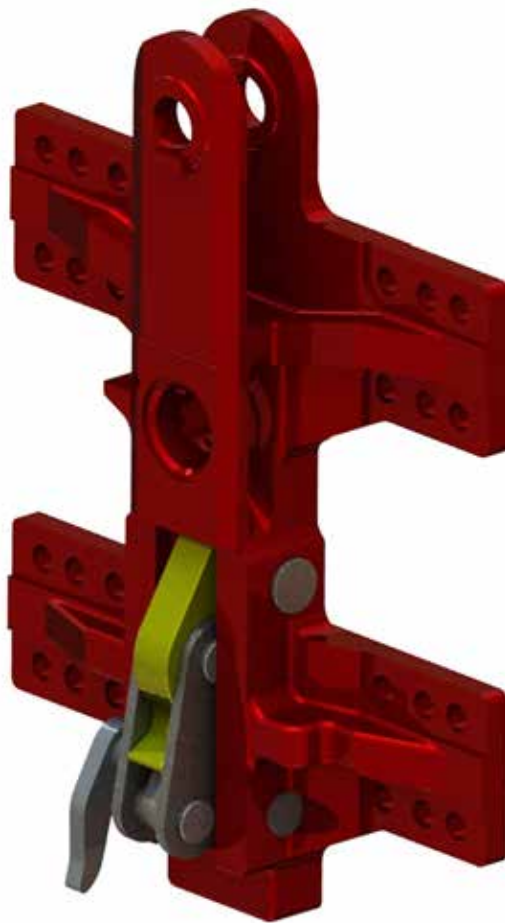


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**Hydraulic Push Start
Complete**

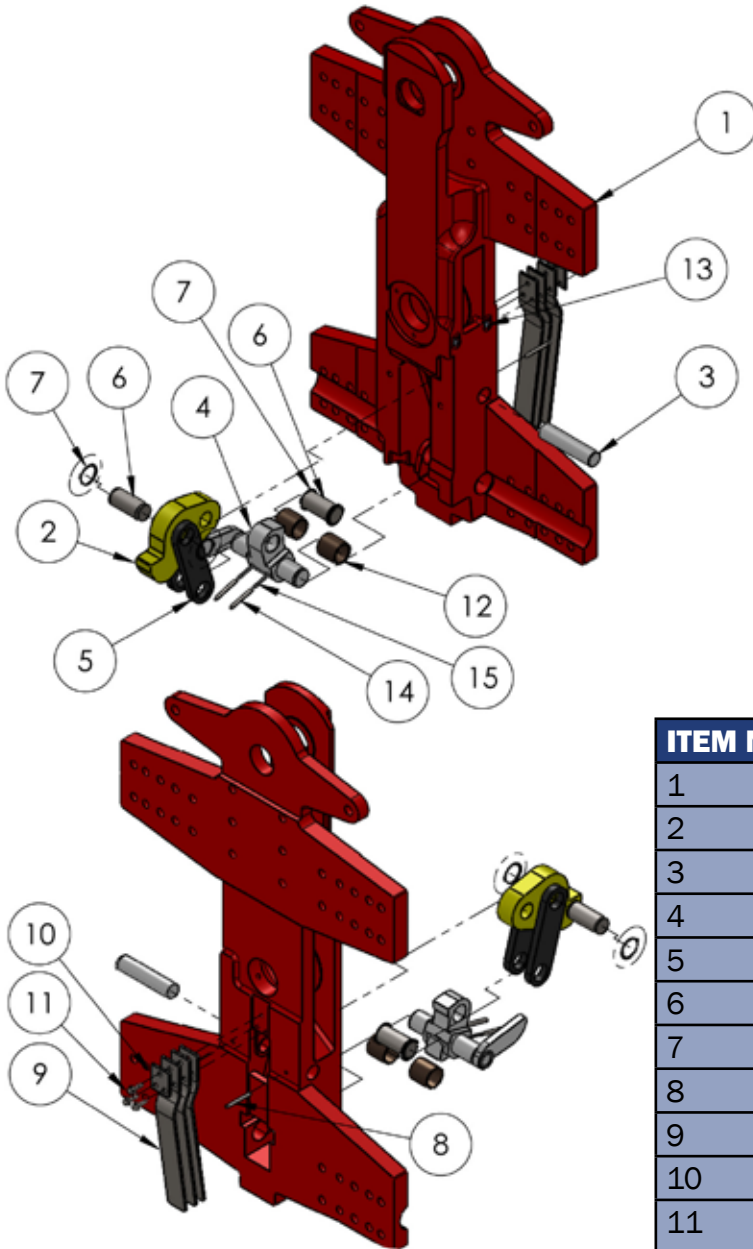
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	206101	HYDRAULIC STARTER GUIDE	1
2	261417	24MM-3.0 X 70 HEX HEAD CAP SCREW 10.9	8
3	203131	24MM SCHNORR SAFETY WASHER	38
4	8001250	HYDRAULIC STARTING DEVICE(TRIP)	1
5	205103	GUIDE GIB	4
6	204110	24MM-3.0 X 65 SOCKET HEAD CAP SCREW	16
7	206103	UPPER BRACKET	1
8	205108	24MM-3.0 X 110 HEX HEAD CAP SCREW	8
9	203170	HYDRAULIC TRIP CYLINDER	1
10	206106	HYDRAULIC BRACKET FOR D62	1
11	39990	SPACER CUP	12
12	16892	DOWEL PIN	16
13	206109	30MM-3.5 X 220 HEX HEAD CAP SCREW 10.9	16
14	206104	CYLINDER BRACKET COMPLETE	1
15	205102	24MM-3.0 X 50 HEX HEAD CAP SCREW	6
16	203133	24MM-3.0 X 50 SOCKET HEAD HEX CAP SCREW	8

Hydraulic Starting Device (Trip)



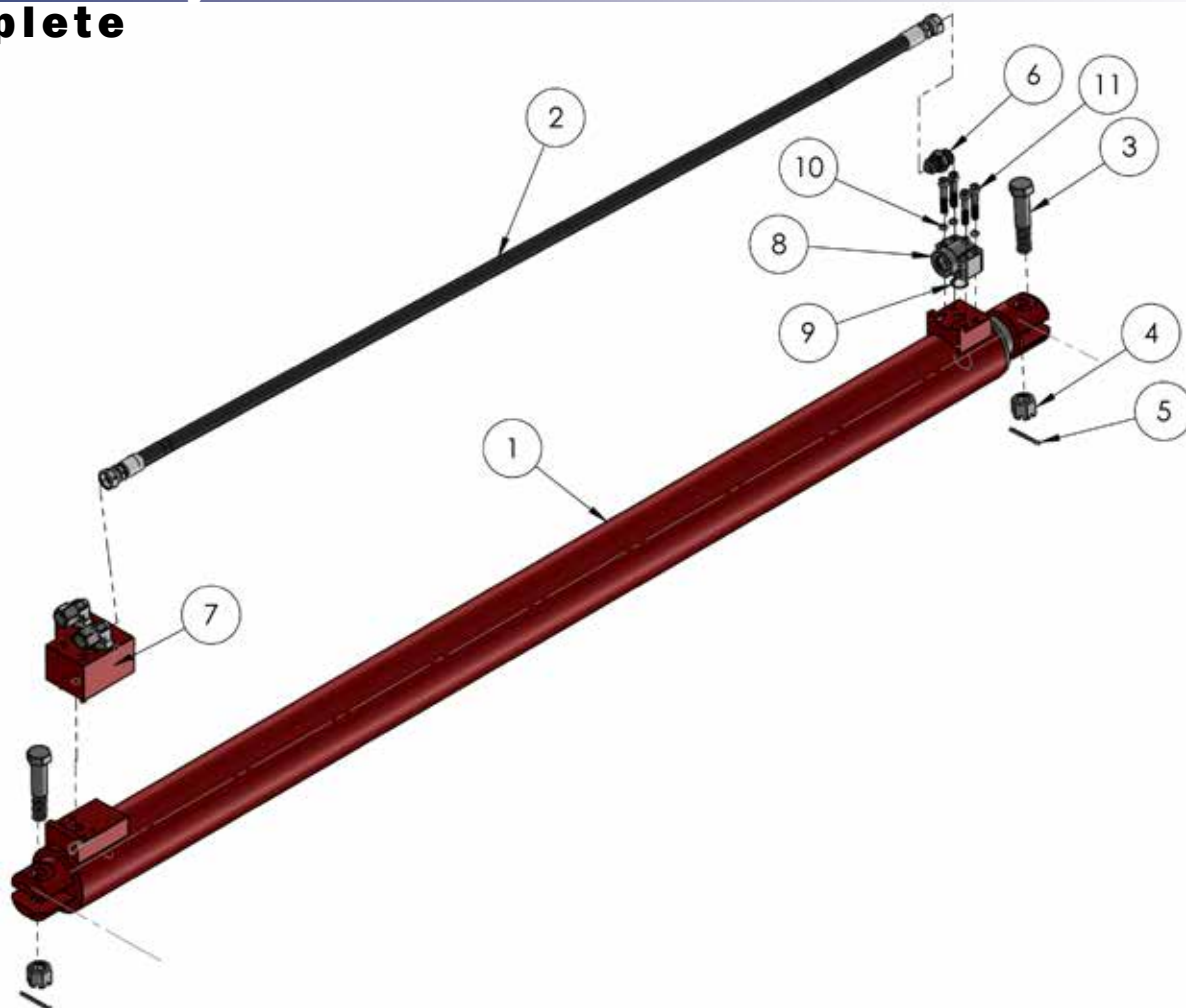


Hydraulic Starting Device (Trip) Assembly



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	2
9	16801	LEAF SPRING	3
10	17045	PLATE	1
11	93414	10MM-1.5 X 30 SERRATED LOCKING SCREW	3
12	16916	SLEEVE	2
13	90791	GREASE NIPPLE M10 X 1	2
14	91321	10MM X 75 ROLL PIN	2
15	90160	6MM X 60 DOWEL PIN (SPLIT)	2

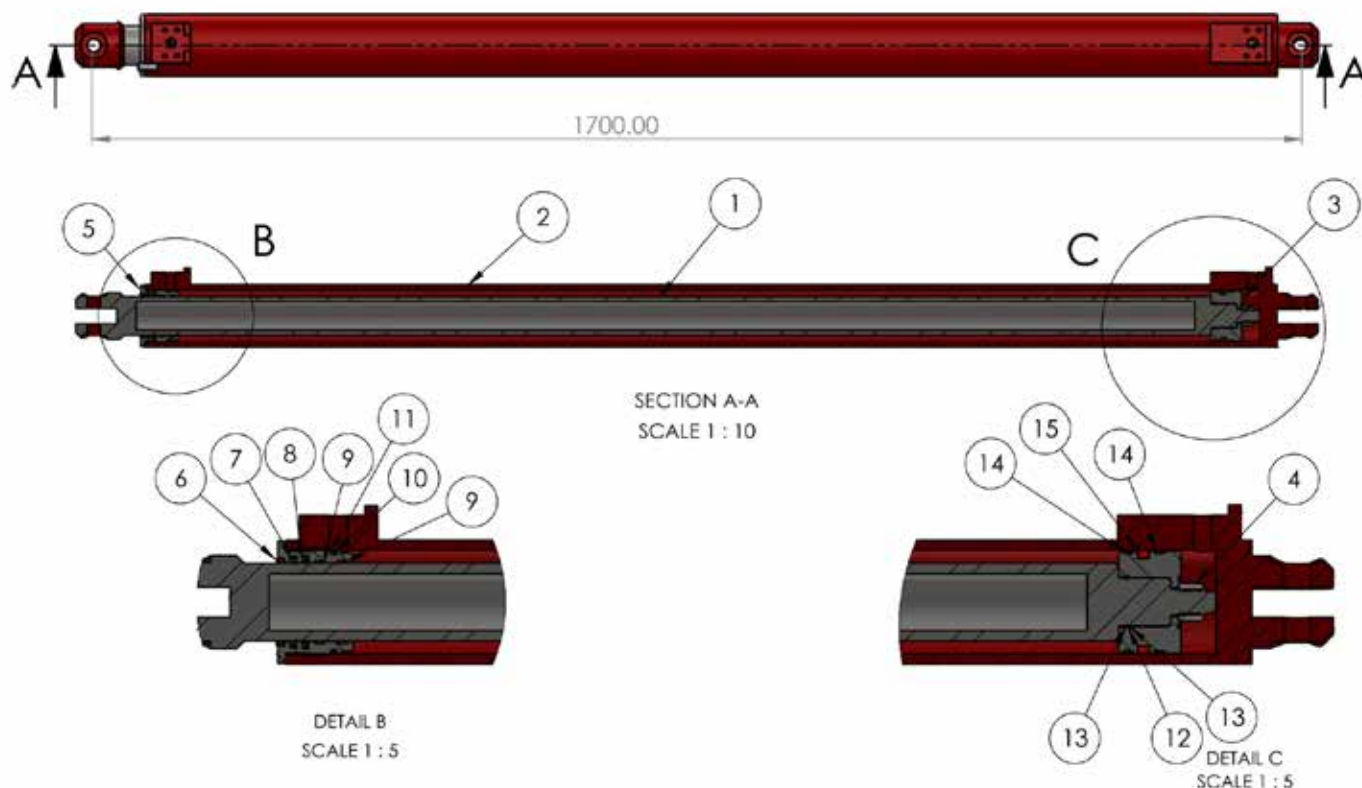
Hydraulic Cylinder Complete



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	203171	HYDRAULIC START CYLINDER	1
2	203175	1950MM HOSE	1
3	205110	24MM-3.0 X 110 HEX HEAD CAP SCREW w/ PIN HOLE	2
4	205111	M24 SLOTTED HEX NUT	2
5	205112	5 X 40 COTTER PIN	2
6	203124	3/4-1 1/16 - 12 JIC Straight Thread Connectors 37° Flare /SAE-ORB 12 F50X	1
7	201108	LOWER HYDRAULIC BLOCK ASSEMBLY	1
8	203173	W184-12-12 ANCHOR FLANGE	1
9	203172	O-RING 2-214 24.99 X 3.53	1
10	207116	10MM HI COLLAR LOCK WASHER	4
11	203174	10MM X 55 SOCKET HEAD CAP SCREW	4



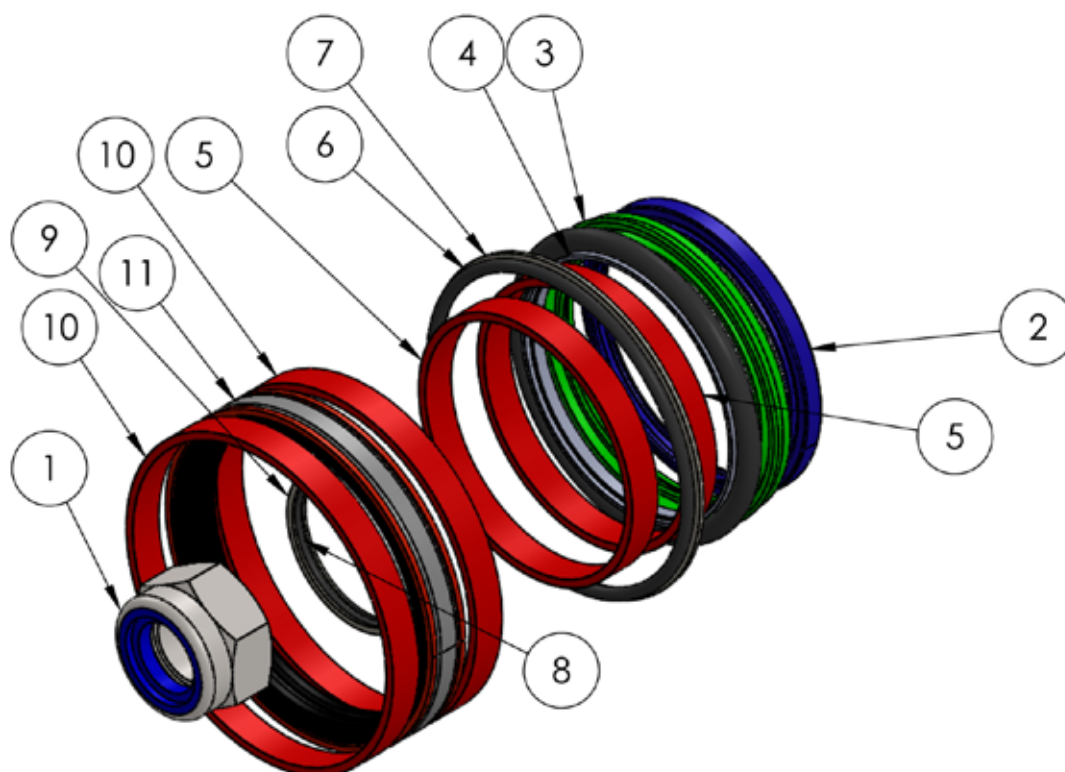
Hydraulic Cylinder Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	203178	CYLINDER ROD	1
2	203180	CYLINDER SLEEVE	1
3	203181	PISTON	1
4	201104	20MM X 2.5 NYLON INSERT LOCK NUT	1
5	203179	CLINDER 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

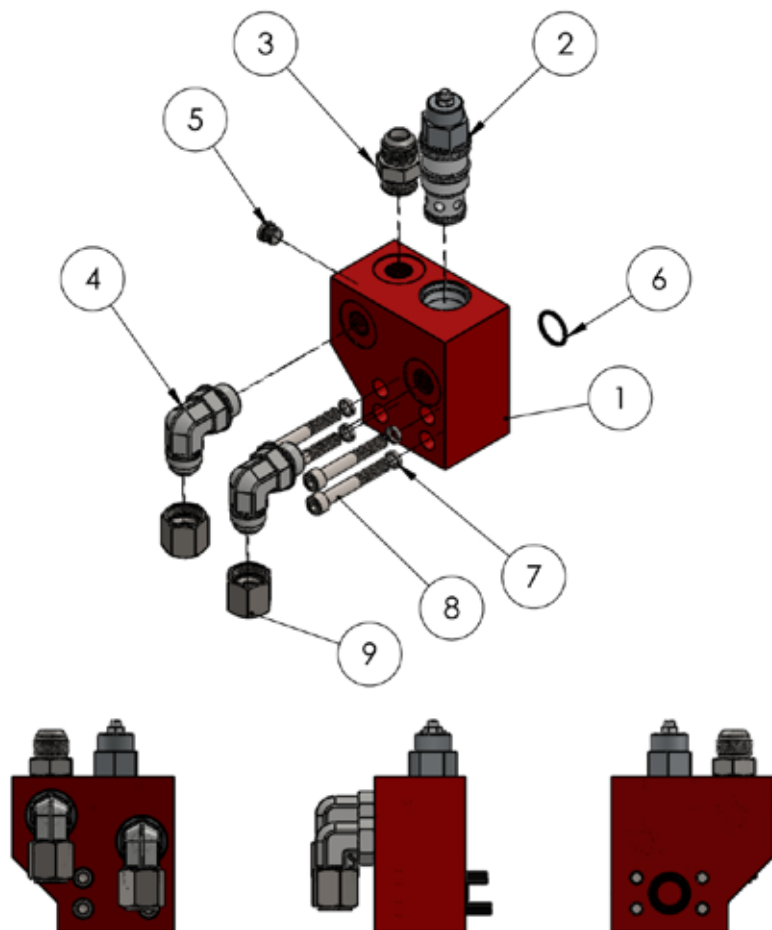


Hydraulic Start Cylinder Ring Kit



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

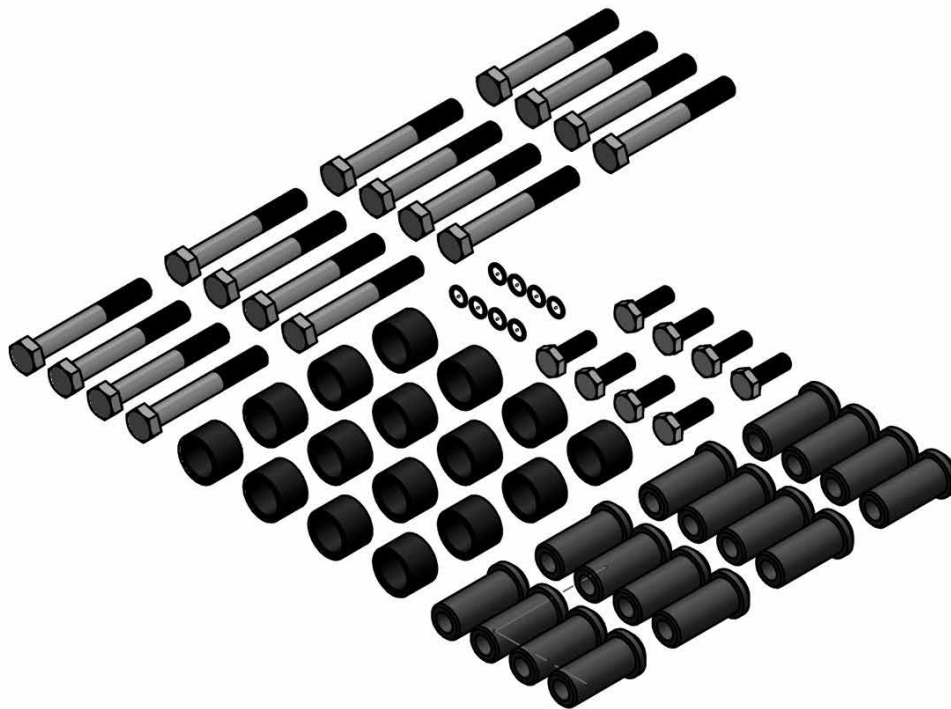
Counterbalance Valve Assembly



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

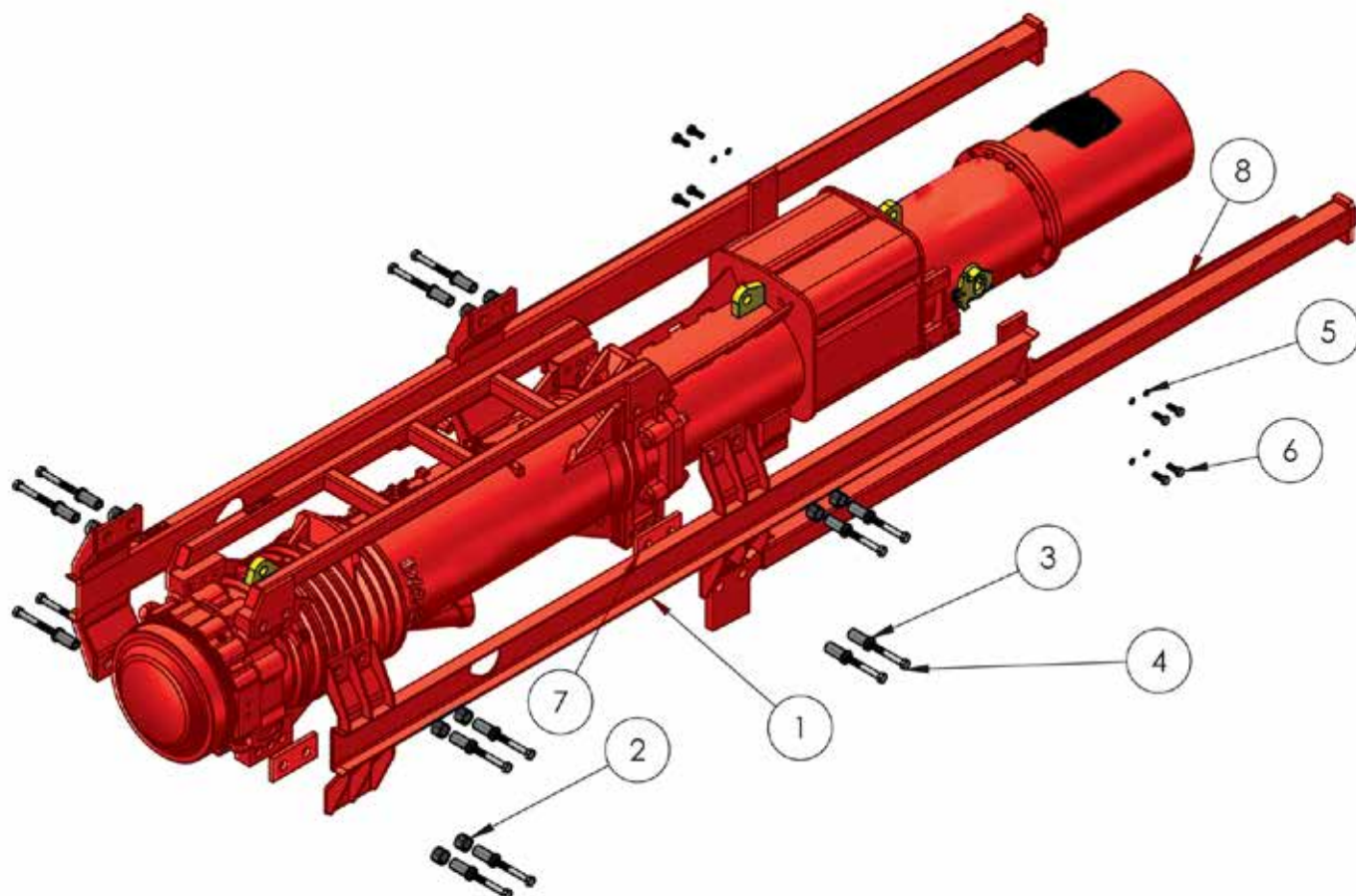
Guides



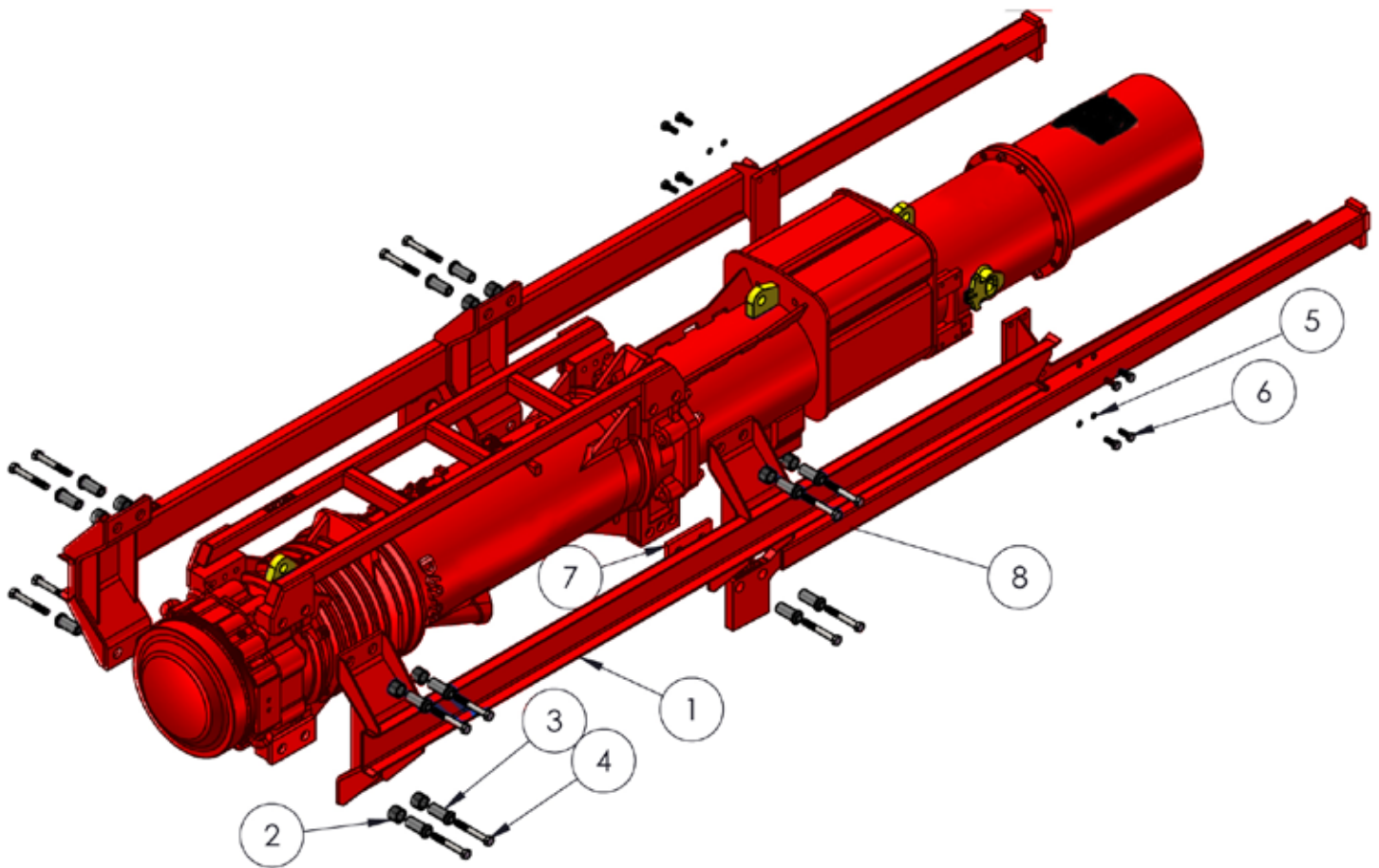
**D62/70 GUIDING HARDWARE
Assembly Kit**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	16892	DOWEL PIN 55MM X 118MM	16
2	39990	SPACER	16
3	206109	30-3.5 X 220 HEX HEAD CAPSCREW 10.9	16
4	261417	24MM-3.0 X 70 HEX HEAD CAPSCREW 8	
5	203131	24MM SCHNORR SAFETY WASHER	8

D62/70 U-32 X 8 LEAD GUIDING Assembly

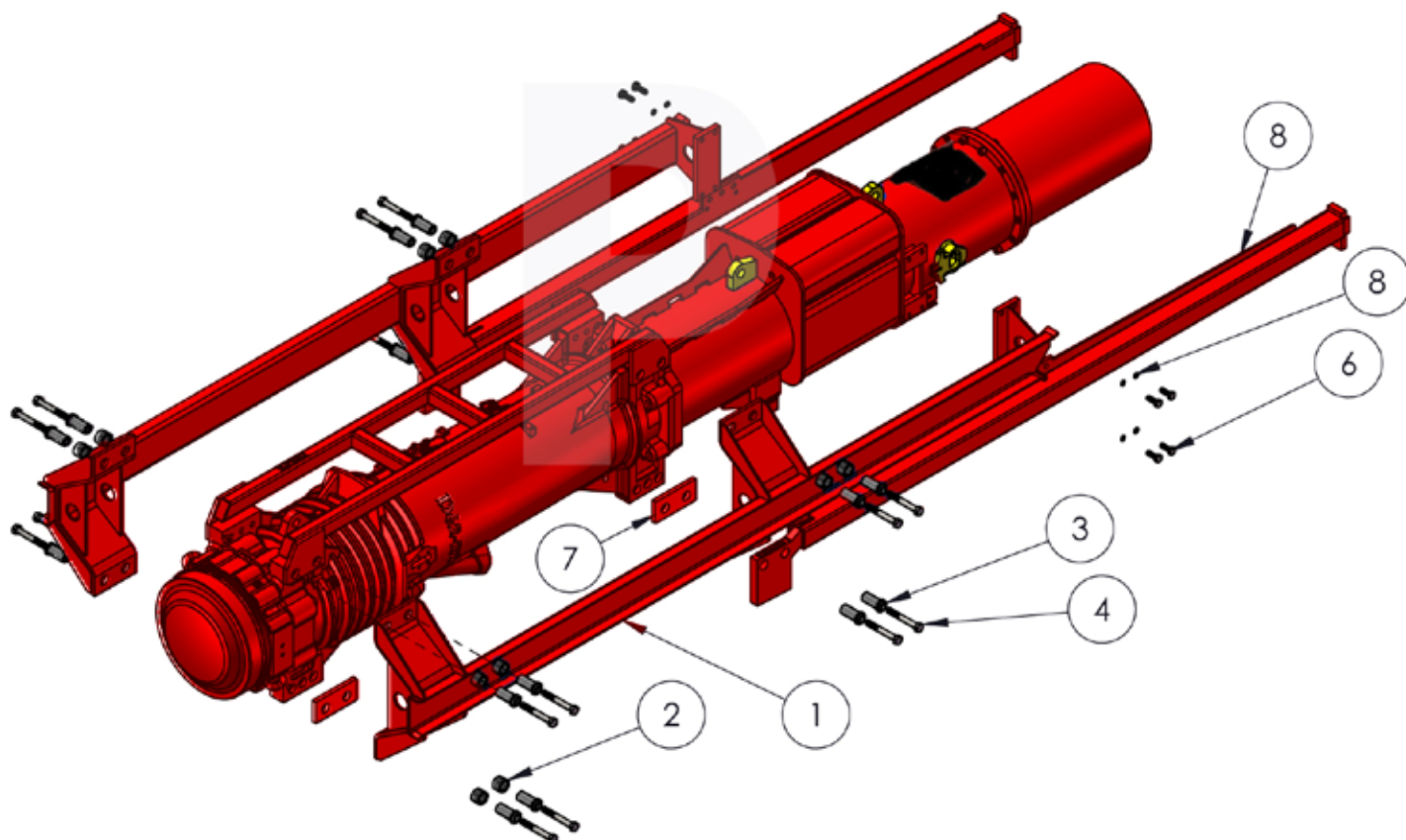


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	206203	U-32 LEAD GUIDING SET	1
2	39990	SPACER	12
3	16892	DOWEL PIN 55MM X 118MM	16
4	206109	30-3.5 X 220 HEX HEAD CAPSCREW 10.9	16
5	203131	24MM SCHNORR SAFETY WASHER	8
6	261417	24MM-3.0 X 70 HEX HEAD CAPSCREW	8
7 SOLD SEPERATELY	206215	SPACER BLOCK	4
8 SOLD SEPERATELY	206243	MANUAL TRIP STARTER GUIDE	1

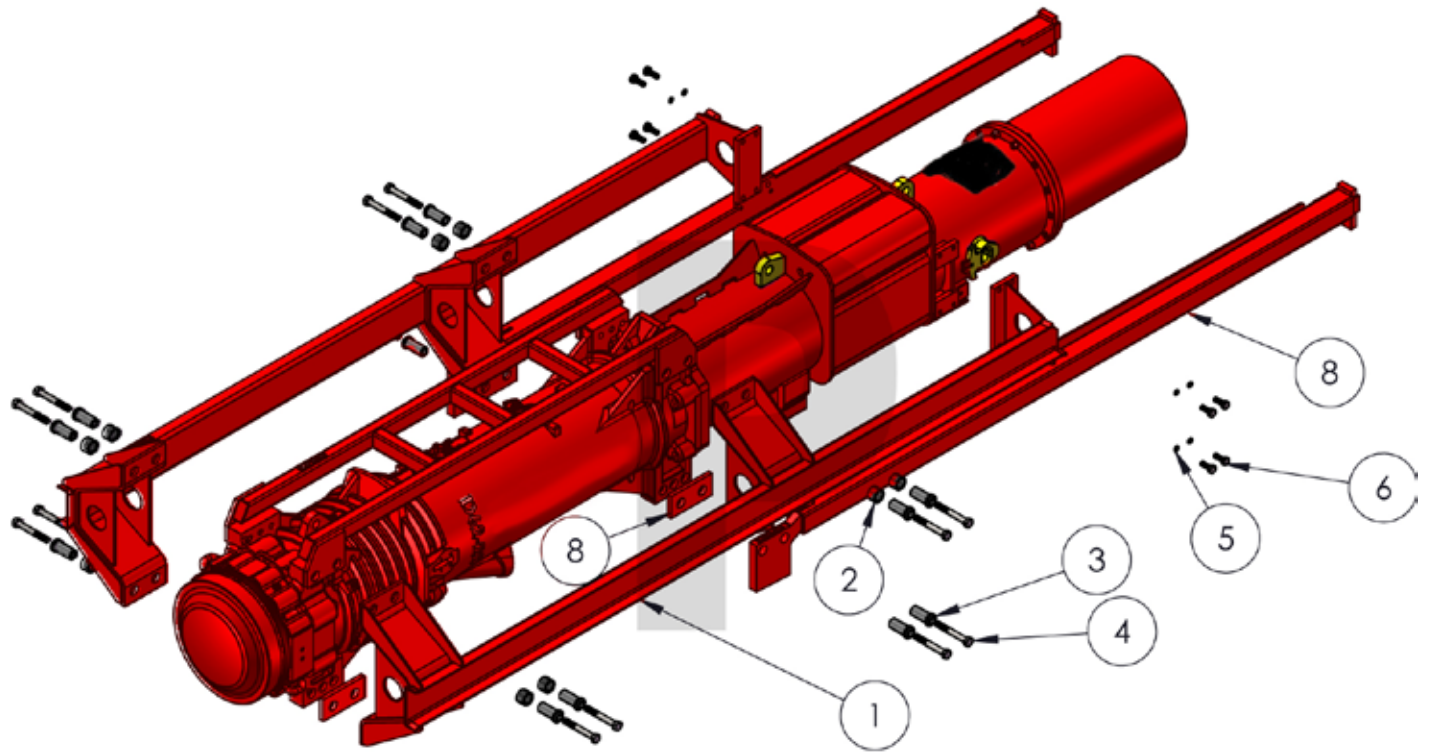
**D62/70 U-42 X 8 LEAD GUIDING
Assembly**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	206204	U-42 LEAD GUIDING FOR D62	1
2	39990	SPACER	12
3	16892	DOWEL PIN 55MM X 118MM	16
4	206109	30-3.5 X 220 HEX HEAD CAPSCREW 10.9	16
5	203131	24MM SCHNORR SAFETY WASHER	8
6	261417	24MM-3.0 X 70 HEX HEAD CAPSCREW	8
7 SOLD SEPERATELY	206215	SPACER BLOCK	4
8 SOLD SEPERATELY	206243	MANUAL TRIP STARTER GUIDE	1

D62/70 U-48 X 8 LEAD GUIDING Assembly

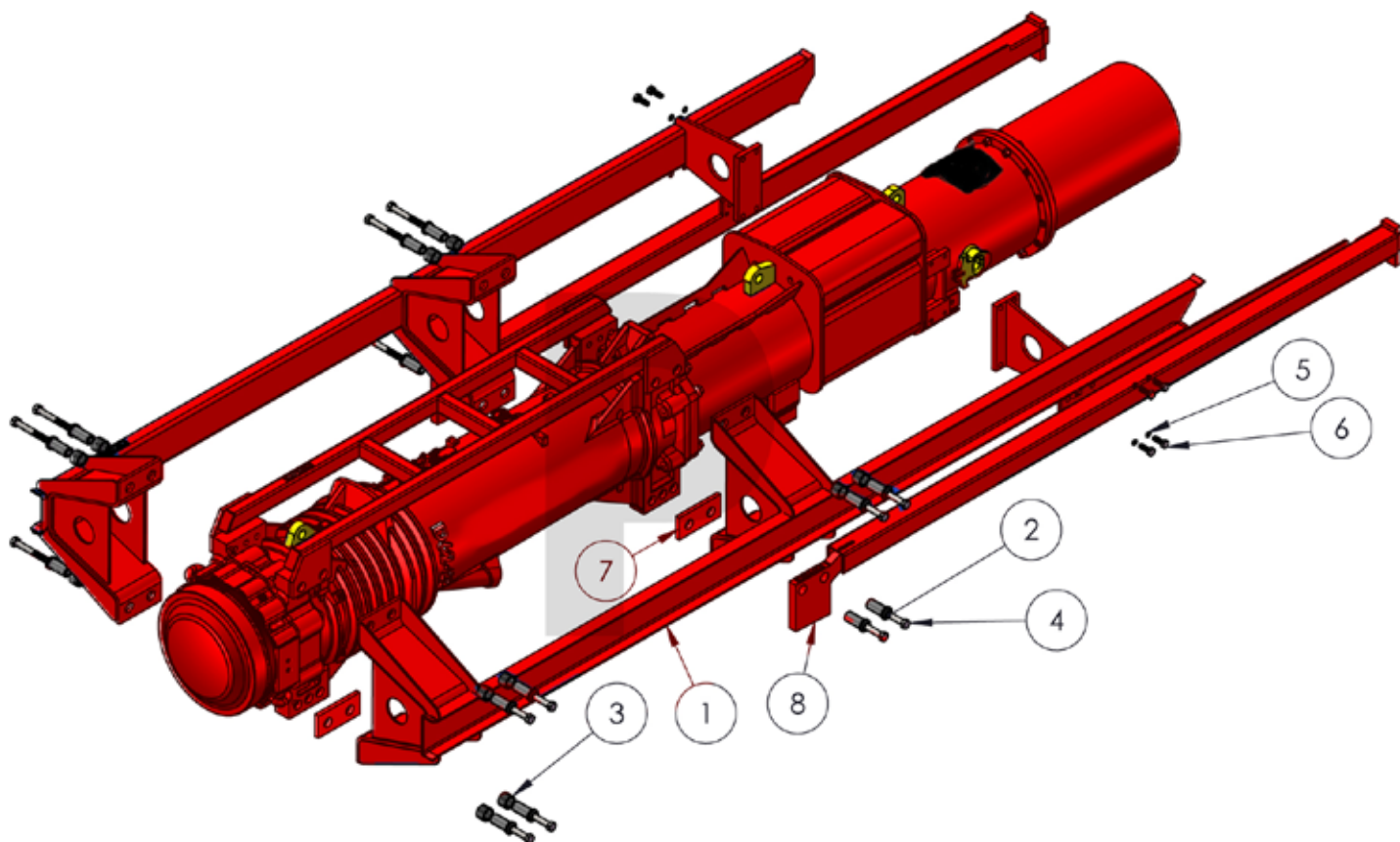


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	206205	U-48 LEAD GUIDING FOR D62	1
2	39990	SPACER	12
3	16892	DOWEL PIN 55MM X 118MM	16
4	206109	30-3.5 X 220 HEX HEAD CAPSCREW 10.9	16
5	203131	24MM SCHNORR SAFETY WASHER	8
6	261417	24MM-3.0 X 70 HEX HEAD CAPSCREW	8
7 SOLD SEPERATELY	206215	SPACER BLOCK	4
8 SOLD SEPERATELY	206243	MANUAL TRIP STARTER GUIDE	1

**D62/70 U-54 X 8 LEAD GUIDING
Assembly**

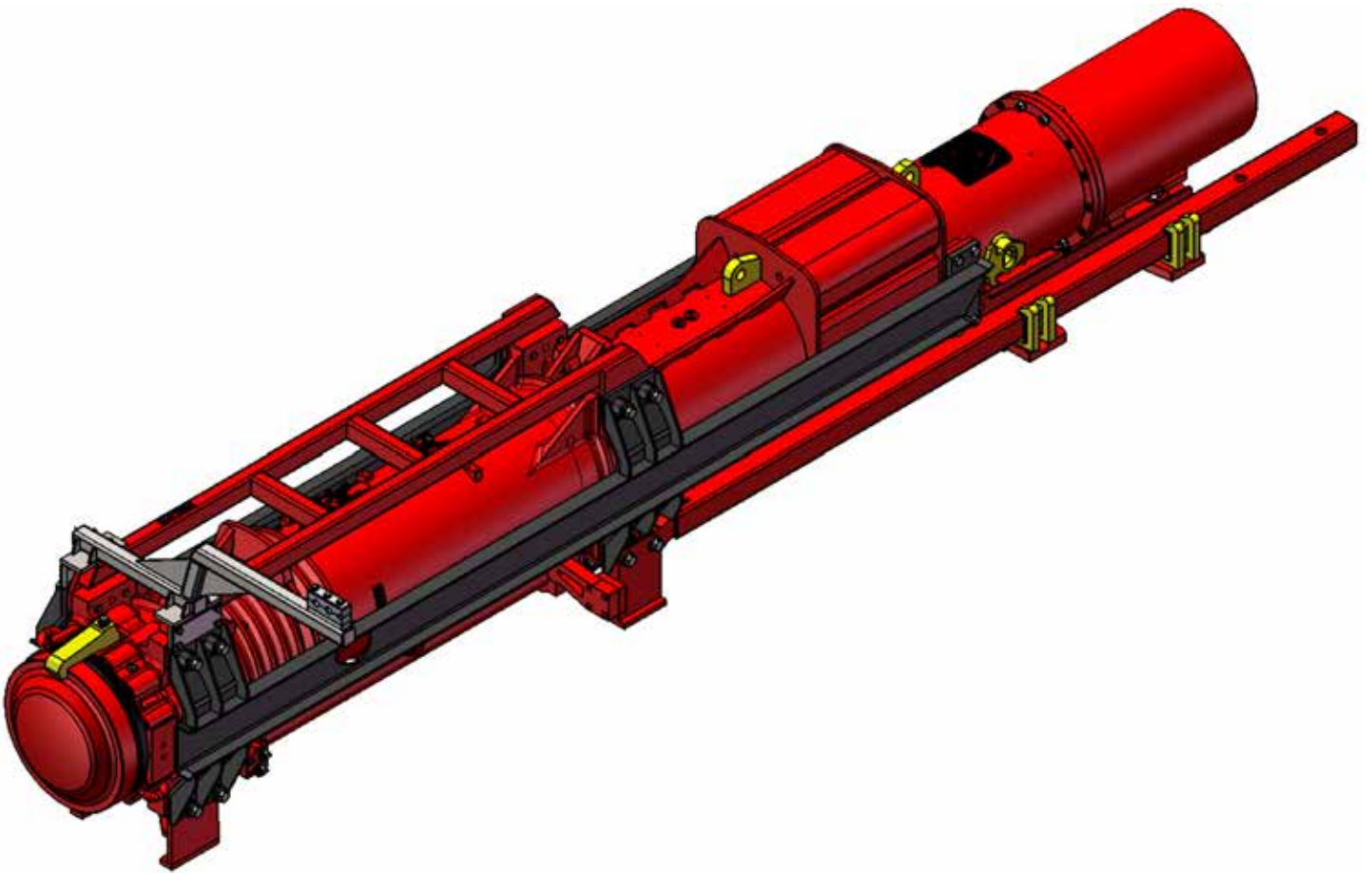
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	206206	U-54 LEAD GUIDING FOR D62	1
2	39990	SPACER	12
3	16892	DOWEL PIN 55MM X 118MM	16
4	206109	30-3.5 X 220 HEX HEAD CAPSCREW 10.9	16
5	203131	24MM SCHNORR SAFETY WASHER	8
6	261417	24MM-3.0 X 70 HEX HEAD CAPSCREW	8
7 SOLD SEPERATELY	206215	SPACER BLOCK	4
8 SOLD SEPERATELY	206243	MANUAL TRIP STARTER GUIDE	1

D62/70 U-66 X 8 LEAD GUIDING Assembly



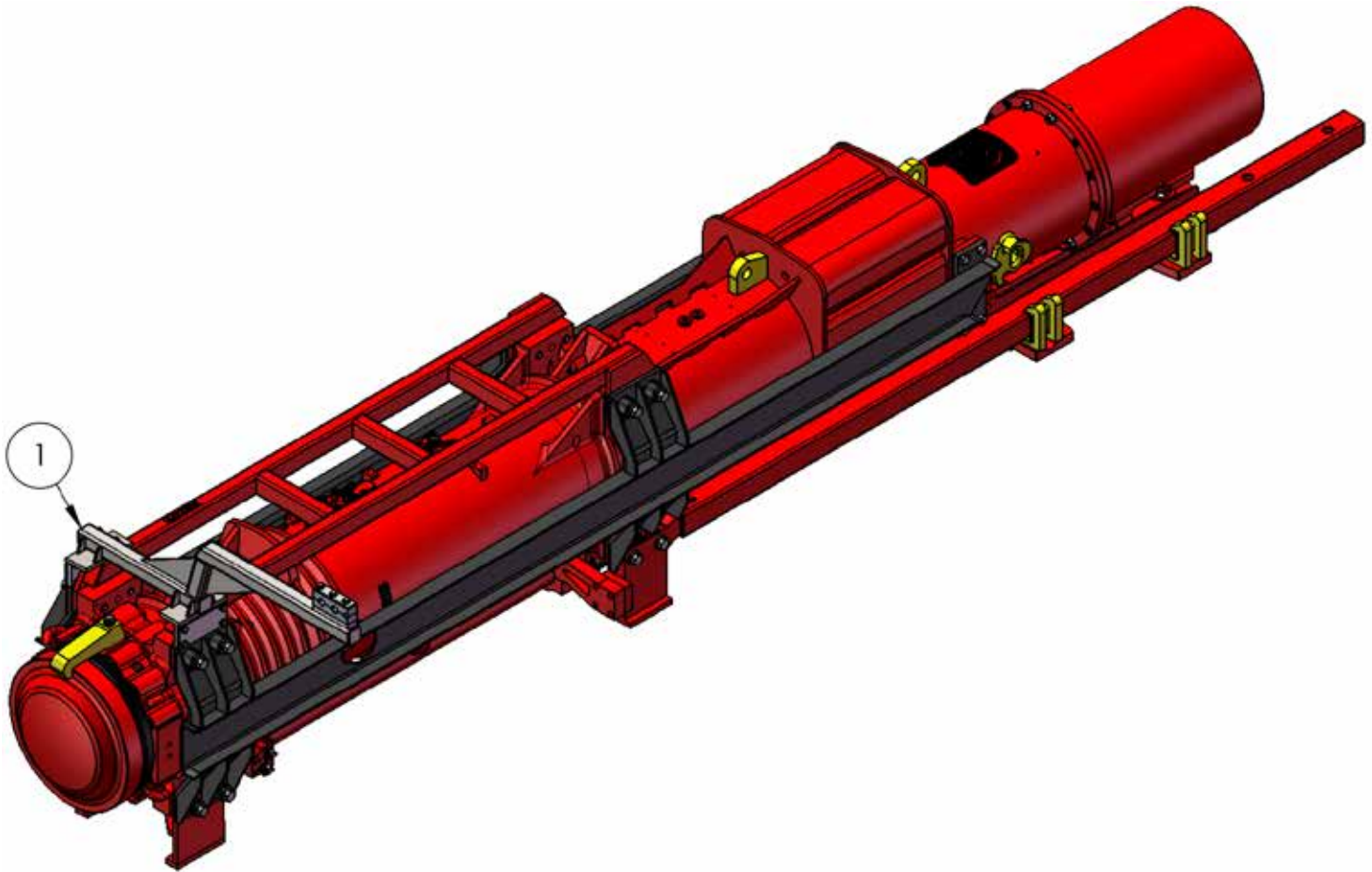
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	206207	U-66 LEAD GUIDING SET	1
2	16892	DOWEL PIN 55MM X 118MM	16
3	39990	SPACER	12
4	206109	30-3.5 X 220 HEX HEAD CAPSCREW 10.9	16
5	203131	24MM SCHNORR SAFETY WASHER	8
6	261417	24MM-3.0 X 70 HEX HEAD CAPSCREW	8
7 SOLD SEPERATELY	206215	SPACER BLOCK	4
8 SOLD SEPERATELY	206243	MANUAL TRIP STARTER GUIDE	1

Hydraulic Start Hose Clamp Bracket Installation





HOSE CLAMP BRACKET INSTALLATION

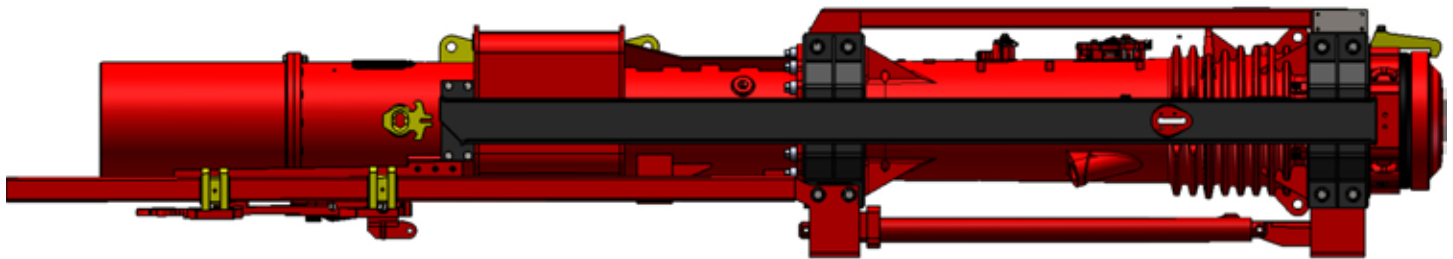


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	8005755	HOSE CLAMP BRACKET TO FIT D62/70	1

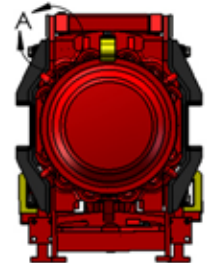
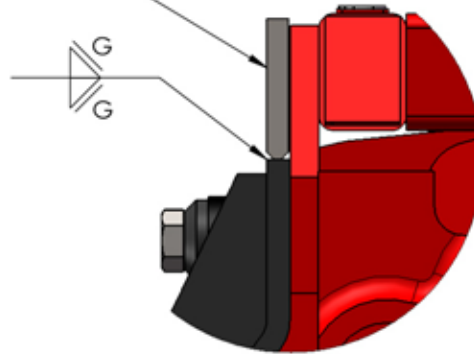


PILECO INC.

HOSE CLAMP BRACKET INSTALLATION



8005560



DETAIL A
SCALE 1 : 5

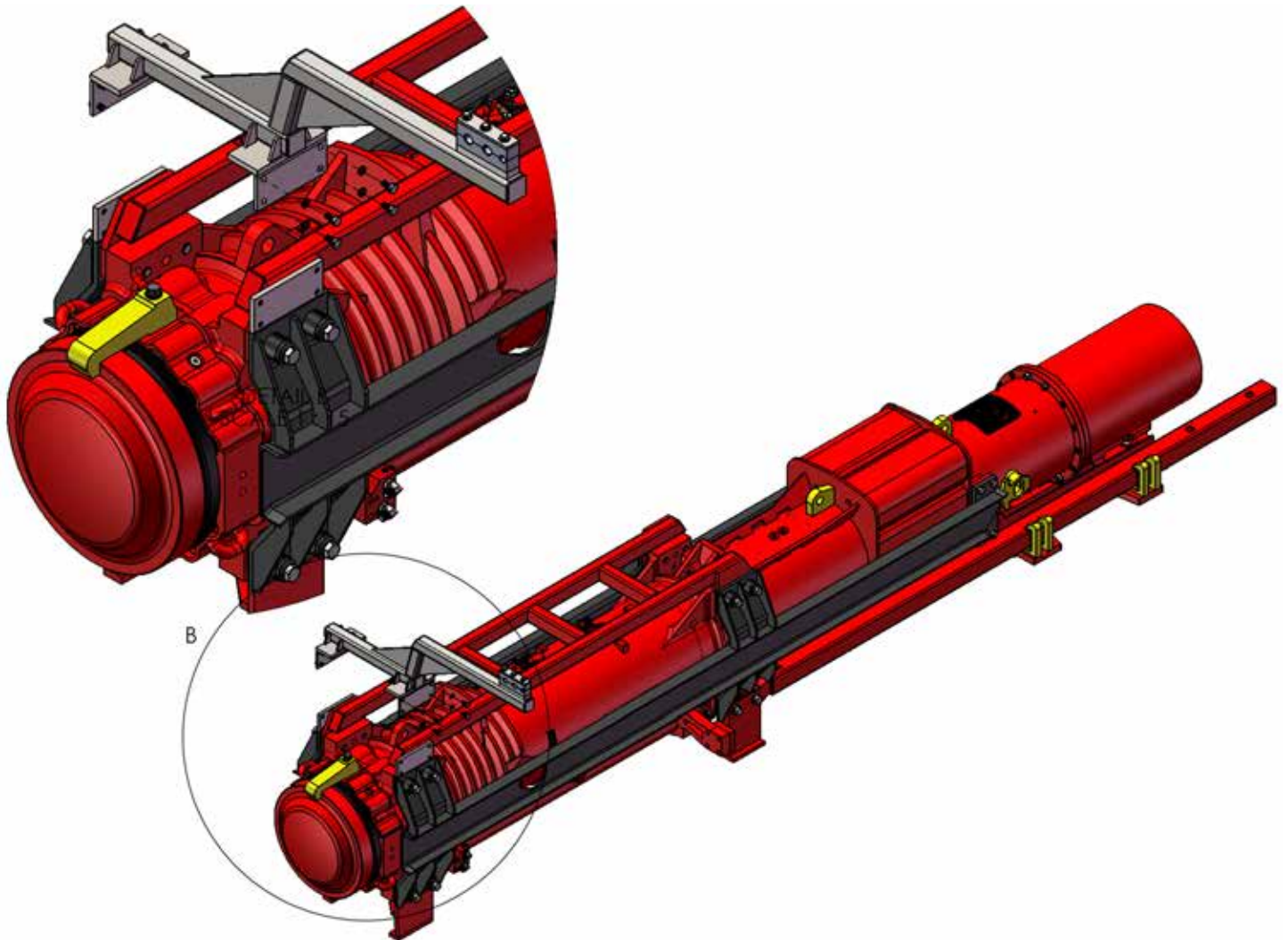
NOTE:

1. FABRICATION TO BE PER A.I.S.C CODES AND RECOMMENDATIONS.
2. HOLES TO BE DRILLED STRAIGHT TO OBTAIN FULL CONTACT SURFACE.
3. NO SHOCK LOADING IS ALLOWED.
4. NO ECCENTRIC LOADING IS ALLOWED.
5. ALL WELDS TO BE MADE USING ASTM E7018 OR BETTER.
6. ALL WELDS TO BE MADE BY A CERTIFIED WELDER WITH CURRENT CERTIFICATIONS (One year or less on test).
7. UNIT WILL NEED INSPECTION EACH 12 MONTHS FOR PIT CORROSION OR OTHER DAMAGES DUE TO WEATHER OR PHYSICAL DAMAGE.



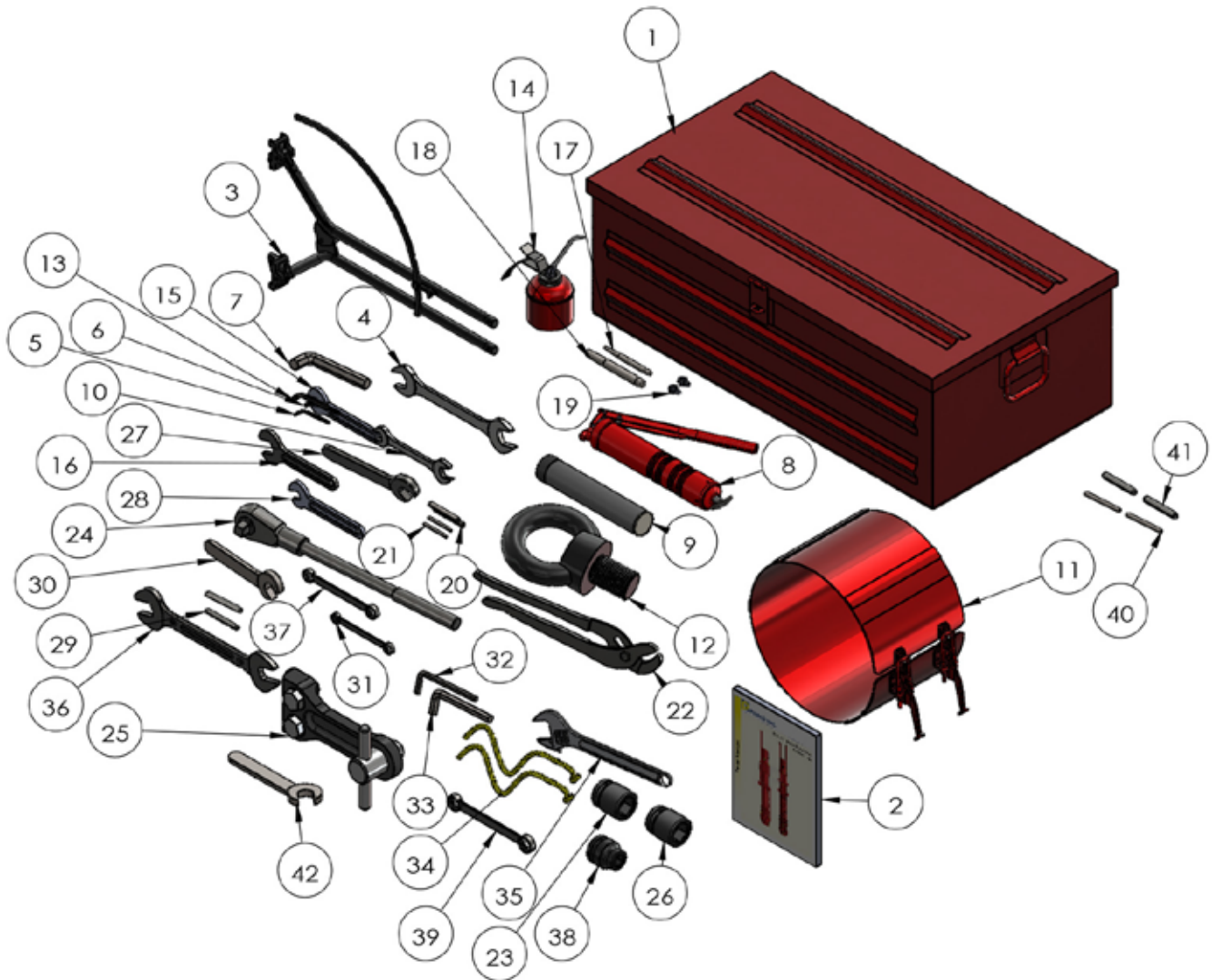
PILECO INC.

HOSE CLAMP BRACKET INSTALLATION





**Tool Box
Complete**



**Tool Box
Complete**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	8002385	TOOL BOX PART	1
2	90890	TOOLBOX BOOK	1
3	16897	PISTON RING FITTING PLIERS COMPLETE	1
4	90655	30 X 32 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	16994	PISTON RING BAND	1
12	94285	M56 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	90196/205014	RACHET	1
25	22700	ASSEMBLY PLATE COMPLETE	1
26	90199	IMPACT SOCKET 46MM	1
27	206006	SINGLE ENDED OPEN SPANNER 36	1
28	90660	13MM WRENCH SINGLE OPEN END	1
29	90147	10MM X 32 DOWEL PIN (SPLIT)	2
30	90184	SINGLE ENDED OPEN WRENCH 46	1
31	261512	13 X 15 DOUBLE ENDED RING WRENCH	1
32	90469	10MM HEX KEY	1

CONTINUED.....

**Tool Box
Complete**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
33	90079	14MM HEX KEY	1
34	205018	8 X 90 REGULATION ROPE	2
35	93352	SPANNER 375X46	1
36	95834	DOUBLE ENDED OPEN SPANNER 22 X 24	1
37	92015	17 X 19 OPEN ENDED SPANNER	1
38	90197	IMPACT SOCKET 22MM	1
39	95843	DOUBLE ENDED RING SPANNER 22X24	1
40	95186	ROLL PIN 8 x 80	2
41	90600	ROLL PIN 13 x 80	2
42	261510	SINGLE ENDED OPEN WRENCH 55	1