

Parts Manual

Combo-Pipelayer attachment for D6N LGP

**SN0022-UP D6N LGP (Sideboom)
SN 038050020044-UP D6N LGP (Sideboom)
SN038050060021-UP D6N LGP (Sideboom)
SN038050080021-UP D6N LGP (Sideboom)
SN 038050090021-UP D6N LGP (Sideboom)**

**TO BE USED WITH CATERPILLAR
D6N TRACTOR PARTS MANUALS**

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Table of Contents

AR - D6N LGP PWR-B, FOLDING BOOM, CANOPY MOUNT	1
AR - D6N LGP PWR-B, CAB FOLD BM.....	2
AR - D6N LGP P-SYS, CANOPY FOLD BM	3
AR - D6N LGP P-SYS, CABFOLD BM.....	4
AR - D6N LGP GHS CANOPY FOLD BM.....	5
AR - D6N LGP PBA, CAB FOLD BM.....	6
AR - D6N LGP PBA, CAB FOLD BOOM.....	7
GP - SIDEBOOM STRUCTURES	9
GP - STRUCTURES D6N SIDEBOOM	9
GP - CROSMEMBER/TOWER.....	10
DECALS	11
GP - D6N LGP CANOPY DECALS	11
OPT – TIP CHART – D6N LGP	12
GP - D6N LGP CAB DECALS	13
GP -D6N LGP CAB DECALS	14
GP - HOSE / WINCH GUARD.....	15
HOSE / WINCH GUARD	15
HOSE / WINCH GUARD D6M	16
GP – MACHINE MODIFICATIONS – D6N	17
D6N LGP TRACTOR MODS RH DOOR AS CUT-OUT.....	18
MODS – FRAME GUARD LH & RH D6N	19
ENGINE COVER MODIFICATIONS	20
MOD – CASE DRAIN FLTR RELOCATE (D6N S/N DJY-UP).....	21
MOD – CAB MODIFICATION - D6N GHS	23
TRCMOD – CAB OPR CONT BOX RISER	25
AS – MIRROR INSTALL.....	26
AS - STANDARD FOLDING BOOM 5.5 M(18 FT) D6N.....	27
FOLDING BM CAUTION PLT LOCATION.....	29
STOWING CHAIN W/ SHACKLE	30
RIGGING GROUP	31
AS - LUFT BLOCK MODIFICATION.....	33
AS - PIN (Ø2.000 x 5.75 LNG)	34
AS -10IN X 1/2IN ROPE - SHEAVE	35
LOAD BLK DBL BB	36
AS - PIN (Ø2.000 x 7.5 LNG) - GREASED	37
AS - 10" X 5/8" ROPE - SHEAVE ASSEMBLY	38
AS - TAIL BLOCK, LUFTING.....	39
AS - PIN (Ø2.000 x 4.625 LNG) - GREASED	40
GP - TOWER LOAD LINE FAIRLEAD	41
AS - 8" X 5/8" ROPE - SHEAVE ASSEMBLY - FLOATING DEFLECTOR	42
AS - HOOK LINE ROLLER	43
AS - HOOK BLOCK	44
AS - PIN (Ø2.000 x 4.281 LNG)	45
MACHINE ACCESS D6N.....	46
AS - HANDRAIL.....	47
AS – D6M GAP GUARD	48
HYDRAULICS GROUP.....	49
GP - HYDRAULIC SCHEMATIC D6N W/ POWER BEYOND	49
GP - HYDRAULIC SCHEMATIC D6N PILOT SYSTEM	51
GP - HYDRAULIC SCHEMATIC D6N PILOT SYSTEM GHS-UP	53
GP - HYDRAULIC SCHEMATIC D6N PILOT SYSTEM	55
GP - WINCH TUBING SINGLE SPEED	57

GP - WINCH TUBING SINGLE SPEED	58
D6N LGP POWER BEYOND - DIFF STEER - HOSE INSTALLATION CHART	59
D6N LGP POWER BEYOND - DIFF STEER - HOSE INSTALLATION CHART	60
D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART	61
D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART	62
D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART (FLY BY WIRE MACHINES ONLY)	63
D6N LGP PILOT SYSTEM-DIFF STEER - HOSE INSTALLATION CHART (FLY BY WIRE MACHINES ONLY)	64
D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART (FLY BY WIRE MACHINES ONLY)	65
D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART (FLY BY WIRE MACHINES ONLY)	66
AS - DOZER BLOCK.....	67
AS - DOZER BLOCK - D6M 3 GPM DUCTILE IRON	67
AS - DOZER BLOCK - D6N LGP (GHS) 3 GPM DUCTILE IRON	68
AS - DOZER BLOCK - D6N LGP 3 GPM DUCTILE IRON.....	69
AS - DOZER BLOCK D6N 3GPM IRON.....	70
DOZER BLOCK – ALUMINUM (D5H).....	71
FC - DOZER BLOCK MANF 3GPM@200PSI, DUCTILE IRON	72
FC - DOZER BLOCK MANF MODDED.....	73
FC - DOZER BLOCK MANF – TYPE 2.....	75
FITTINGS KIT DOZER BLOCK D6M/D5H	76
FITTINGS KIT DOZER BLOCK D6N LGP (GHS)	77
FITTINGS KIT DOZER BLOCK	79
FITTINGS GP - D6M\N LGP HYDRAULIC MODIFICATIONS	81
FITTINGS KIT – DOZER BLOCK D6N LGP.....	84
FITTINGS GP – HYDRAULIC MODIFICATIONS D6N LGP (FTC) W/ PILOT	85
FITTINGS GP - HYDRAULIC MODIFICATIONS D6N LGP W/PILOT (GHS).....	87
AS - OPERATOR CONTROL D6N SIDEBOOM.....	88
CONTROL BOX ASSEMBLY	89
FC - MODE CONT	91
FC - PILOT CONT 2-WAY	93
FC - PILOT CONT 3-WAY	95
FITTING KIT OPERATOR CONTROLS	99
FITTING KIT OPERATOR CONTROLS	100
LOAD SENSE - GP.....	101
GP - LOAD SENSE BLOCK	101
GP - LOAD SENSE BLOCK GHS.....	102
AS - LOAD SENSE MANIFOLD GHS	103
AS - LOAD SENSE MANIFOLD	104
FC - LOAD SENSE MANF ASSEMBLY (ALUM)	105
FITTINGS KIT - LOAD SENSE GROUP	106
FITTINGS KIT - LOAD SENSE GROUP GHS-UP	107
GP - WINCH CONTROL MANIFOLD D6N.....	108
GP - WINCH CONTROL MANIFOLD D6M	109
GP - WINCH CONTROL MANIFOLD D6N	110
FITTINGS KIT - WINCH CONTROL MANIFOLD	111
FITTINGS KIT - WINCH CONT MANIFOLD	113
FITTINGS KIT – HOSE GUARD, HOSE CLAMPS	115
FITTINGS KIT - ACCUMULATOR	116
AS - ACCUM CHARGED (1L-54.5BAR/790PSI)	117
AS - ACCUM DISCHARGED (1L).....	118
FC - MAIN CONTROL VALVE (IRON)	120
AS - WINCH CONTROL MANIFOLD - DUCTILE IRON	121
FC - MAIN CONTROL (IRON).....	123
FC – MAIN CONTROL HOOK	125
FC – MAIN CONTROL BOOM	127
FC – MAIN CONTROL OUTLET	129
LOAD WINCH GROUP	130
GP – LOAD WINCH.....	130
FITTINGS KIT – HOOK WINCH	131

AS – HOOK WINCH	133
FC – HOOK WINCH	134
GP - LOAD WINCH FINAL DRIVE.....	135
GP - LOAD WINCH BRAKE.....	137
GP - LOAD WINCH MOTOR	141
FC – COMBINATION MANF.....	144
VARIABLE-SP MOTOR HOOK WINCH KIT D6M/D5H/D5M/D4H.....	145
VARIABLE-SP MOTOR HOOK WINCH KIT D6M/D5H/D5M/D4H	147
GP – BOOM WINCH.....	149
GP – BOOM WINCH.....	150
FITTINGS KIT M8 BOOM WINCH	151
FC – BOOM WINCH (M8A)	152
GP –M8A BOOM WINCH FINAL DRIVE.....	153
GP –M8, M8A BOOM WINCH BRAKE.....	155
M8, AND M8A BOOM WINCH MOTOR GROUP	159
GP – BOOM STOP	161
GP – BOOM STOP	163
FITTINGS KIT – BOOM STOP	165
FITTINGS KIT – BOOM STOP	166
FC - DIVERTER VALVE.....	167
AS – BM STOP BUSHING HDW	169
GP – EQUALIZER BAR LOCKOUT D6N LGP	170
CYL-EQ BAR LOCKOUT	171
AS – LOCKOUT CYLINDER RELIEF VALVE.....	174
FITTING KIT – D6N EQ-BAR LOCKOUT	175
MOD – CAB MODIFICATION	177
CONTROL BOX – CAB MOUNT KIT	178
GP – CAB ALTERNATE EXIT KIT	179
GP – MACHINE MODIFICATIONS D6N GHS	180
FENDER MODIFICATIONS	181
AS - RH DOOR CUT-OUT D6N	182
TRCMOD – CASE DRAIN FLTR RELOCATE (D6N S/N GHS-UP)	183
TRCMOD - PBA F PUMP RELOCATE	184
TRCMOD - CANOPY CONT BOX GHS	185
GR – OPTIONAL BENDING SHOE BRKT.....	186

AR - D6N LGP PWR-B, FOLDING BOOM, CANOPY MOUNT				038-05-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-05-005	GP - STRUCTURES SIDEBOOM	
2	1	038-25-000	AS-STANDARD FOLDING BOOM 5.5 m (18 ft) D6N	
3	1	033-30-000	RIGGING GROUP	
4	1	038-60-000	HYDRAULICS GROUP - POWER BEYOND	
5	2	032-25-005	PIN-BOOM (CAT# 140-7826)	
6	2	038-30-002	KEY - PIN (00.75X3.5 LNG)	
7	2	CAT# 2H-3771	COTTER PIN	
8	1	033-11-001	HOSE/WINCH GUARD	
9	1	038-09-000	GP - CANOPY DECALS D6N LGP	
10	1	038-14-001	MACHINE ACCESS D6N	
11	1	032-25-055	STOWING CHAIN W/ SHACKLE	
12	1	033-17-016	AS - BOOM BRKT REMOVABLE LUG	
13	16	CAT# 8T-5460	M20x2.50x40 BOLT-PLATED	
14	16	CAT# 8T-4123	M20 WASHER-HARD PLATED	
16	1	038-71-001	GP – MACHINE MODIFICATIONS – D6N	
17	1	033-11-009	AS - D6M GAP GUARD	

AR - D6N LGP PWR-B, CAB FOLD BM				038-05-002
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-05-005	GP - STRUCTURES SIDEBOOM	
2	1	038-25-000	AS-STANDARD FOLDING BOOM 5.5 m (18 ft) D6N	
3	1	033-30-000	RIGGING GROUP	
4	1	038-60-000	HYDRAULICS GROUP - POWER BEYOND	
5	2	032-25-005	PIN-BOOM (CAT# 140-7826)	
6	2	038-30-002	KEY - PIN (00.75X3.5 LNG)	
7	2	CAT# 2H-3771	COTTER PIN	
8	1	033-11-001	HOSE/WINCH GUARD	
9	1	038-09-000	GP - CANOPY DECALS D6N LGP	
10	1	038-14-001	MACHINE ACCESS D6N	
11	1	032-25-055	STOWING CHAIN W/ SHACKLE	
12	1	033-17-016	AS - BOOM BRKT REMOVABLE LUG	
13	16	CAT# 8T-5460	M20x2.50x40 BOLT-PLATED	
14	16	CAT# 8T-4123	M20 WASHER-HARD PLATED	
17	1	033-11-009	AS - D6M GAP GUARD	
18	1	039-70-001	MOD - CAB MODIFICATION	
19	1	039-70-005	GP - CAB ALTERNATE EXIT KIT	
20	1	038-09-004	GP - D6N CAB DECALS	

AR - D6N LGP P-SYS, CANOPY FOLD BM				038-05-003
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-05-005	GP - STRUCTURES SIDEBOOM	
2	1	038-25-000	AS-STANDARD FOLDING BOOM 5.5 m (18 ft) D6N	
3	1	033-30-000	RIGGING GROUP	
4	1	038-60-001	HYDRAULICS GROUP – PILOT SYSTEM	
5	2	032-25-005	PIN-BOOM (CAT# 140-7826)	
6	2	038-30-002	KEY - PIN (00.75X3.5 LNG)	
7	2	CAT# 2H-3771	COTTER PIN	
8	1	033-11-001	HOSE/WINCH GUARD	
9	1	038-09-000	GP - CANOPY DECALS D6N LGP	
10	1	038-14-001	MACHINE ACCESS D6N	
11	1	032-25-055	STOWING CHAIN W/ SHACKLE	
12	1	033-17-016	AS - BOOM BRKT REMOVABLE LUG	
13	16	CAT# 8T-5460	M20x2.50x40 BOLT-PLATED	
14	16	CAT# 8T-4123	M20 WASHER-HARD PLATED	
17	1	033-11-009	AS - D6M GAP GUARD	

AR - D6N LGP P-SYS, CABFOLD BM				038-05-004
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-05-005	GP - STRUCTURES SIDEBOOM	
2	1	038-25-000	AS-STANDARD FOLDING BOOM 5.5 m (18 ft) D6N	
3	1	033-30-000	RIGGING GROUP	
4	1	038-60-001	HYDRAULICS GROUP – PILOT SYSTEM	
5	2	032-25-005	PIN-BOOM (CAT# 140-7826)	
6	2	038-30-002	KEY - PIN (00.75X3.5 LNG)	
7	2	CAT# 2H-3771	COTTER PIN	
8	1	033-11-001	HOSE/WINCH GUARD	
9	1	038-09-000	GP - CANOPY DECALS D6N LGP	
10	1	038-14-001	MACHINE ACCESS D6N	
11	1	032-25-055	STOWING CHAIN W/ SHACKLE	
12	1	033-17-016	AS - BOOM BRKT REMOVABLE LUG	
13	16	CAT# 8T-5460	M20x2.50x40 BOLT-PLATED	
14	16	CAT# 8T-4123	M20 WASHER-HARD PLATED	
17	1	033-11-009	AS - D6M GAP GUARD	
18	1	039-70-001	MOD – CAB MODIFICATION	
19	1	039-70-005	GP – CAB ALTERNATE EXIT KIT	
20	1	038-09-004	GP – D6N CAB DECALS	

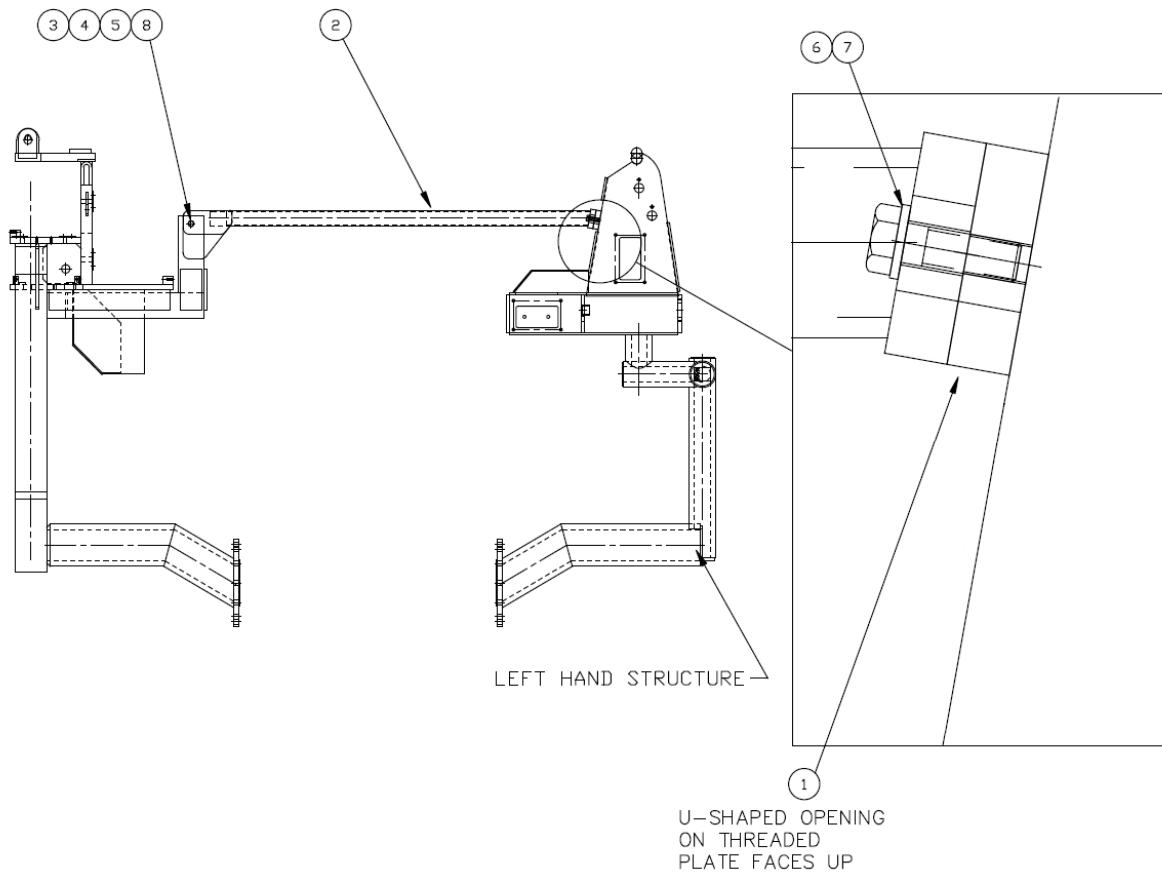
AR - D6N LGP GHS CANOPY FOLD BM				038-05-006
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-05-005	GP - STRUCTURES SIDEBOOM	
2	1	038-25-000	AS-STANDARD FOLDING BOOM 5.5m (18 ft) D6N	
3	1	033-30-000	RIGGING GROUP	
4	1	038-60-009	HYDRAULICS GROUP – GHS	
5	2	032-25-005	PIN-BOOM (CAT# 140-7826)	
6	2	038-30-002	KEY - PIN (00.75X3.5 LNG)	
7	2	CAT# 2H-3771	COTTER PIN	
8	1	033-11-001	GP - HOSE/WINCH GUARD D6M	
9	1	038-09-000	GP – CANOPY DECALS D6N LGP	
10	1	038-14-001	MACHINE ACCESS D6N	
11	1	032-25-055	STOWING CHAIN W/ SHACKLE	
12	1	033-17-016	AS - BOOM BRKT REMOVABLE LUG	
13	16	CAT# 8T-5460	M20x2.50x40 BOLT-PLATED	
14	16	CAT# 8T-4123	M20 WASHER-HARD PLATED	
16	1	038-71-024	GP – MACHINE MODIFICATIONS D6N	
17	1	033-11-009	PLT - D6M GAP GUARD	
20	1	038-71-023	GP – CONTROL PLATFORM MOD	

AR - D6N LGP PBA, CAB FOLD BM				038-05-008
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-05-005	GP - STRUCTURES SIDEBOOM	
2	1	038-25-000	AS-STANDARD FOLDING BOOM 5.5 m (18 ft) D6N	
3	1	033-30-000	RIGGING GROUP	
4	1	038-60-009	HYDRAULICS GROUP - GHS	
5	2	032-25-005	PIN-BOOM (CAT# 140-7826)	
6	2	038-30-002	KEY - PIN (00.75X3.5 LNG)	
7	2	CAT# 2H-3771	COTTER PIN	
8	1	033-11-001	HOSE/WINCH GUARD	
10	1	038-14-001	MACHINE ACCESS D6N	
11	1	032-25-055	STOWING CHAIN W/ SHACKLE	
12	1	033-17-016	AS - BOOM BRKT REMOVABLE LUG	
13	16	CAT# 8T-5460	M20x2.50x40 BOLT-PLATED	
14	16	CAT# 8T-4123	M20 WASHER-HARD PLATED	
17	1	033-11-009	AS - D6M GAP GUARD	
20	1	038-70-001	MOD - CAB MODIFICATION	
21	1	039-70-005	GP - CAB ALTERNATE EXIT KIT	
22	1	038-09-004	GP - D6N CAB DECALS	

AR - D6N LGP PBA, CAB FOLD BOOM				038-05-009
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-05-005	GP - STRUCTURES SIDEBOOM	
2	1	038-25-000	AS-STANDARD FOLDING BOOM 5.5 m (18 ft) D6N	
3	1	033-30-000	RIGGING GROUP	
4	1	038-60-011	GP -HYDRAULIC SCHEMATIC D6N PILOT SYSTEM	
5	2	032-25-005	PIN-BOOM (CAT# 140-7826)	
6	2	038-30-002	KEY - PIN (00.75X3.5 LNG)	
7	2	CAT# 2H-3771	COTTER PIN	
8	1	033-11-001	HOSE/WINCH GUARD	
10	1	038-14-001	MACHINE ACCESS D6N	
11	1	032-25-055	STOWING CHAIN W/ SHACKLE	
12	1	033-17-016	AS - BOOM BRKT REMOVABLE LUG	
13	16	CAT# 8T-5460	M20x2.50x40 BOLT-PLATED	
14	16	CAT# 8T-4123	M20 WASHER-HARD PLATED	
17	1	033-11-009	AS - D6M GAP GUARD	
20	1	038-70-001	MOD - CAB MODIFICATION	
21	1	039-70-005	GP - CAB ALTERNATE EXIT KIT	
22	1	038-09-004	GP - D6N CAB DECALS	

NOTES:

GP - SIDEBOOM STRUCTURES		GP - STRUCTURES D6N SIDEBOOM	038-05-005
ITEM	QTY	PART NO	DESCRIPTION
1	1	038-10-002	AS - RIGHT HAND STRUCTURE D6N
2	1	038-15-001	AS - LEFT HAND STRUCTURE D6N
3	1	033-12-007	GR - CROSMEMBER/TOWER D6M/D5H
4	24	CAT# 7X-2563	BOLT - M20 X 2.5 X 60 HHCS GR 10.9
5	24	CAT# 8T-4123	WASHER - M20 FLAT HARDENED

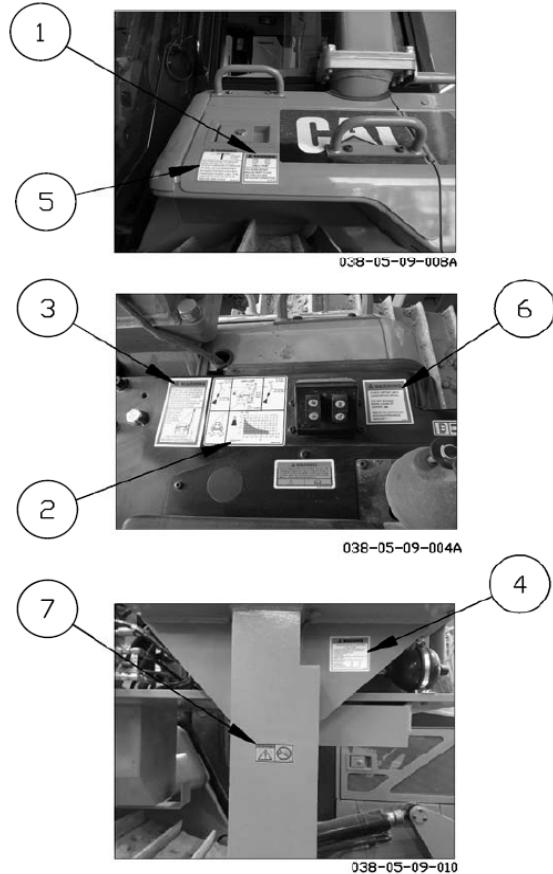


ITEM	QTY	PART NO	DESCRIPTION
1	1	038-12-006	PLATE - CROSMEMBER TOWER BASE
2	1	038-12-001	AS - CROSMEMBER D6M LGP/D5H LGP
3	1	CAT# 7X-2465	HDWRE - M24x3.0x180 HEX HD CAP SCREW
4	2	CAT# 8T-4167	HDWRE - M24 FLAT HARDENED PLATED WASHER
5	1	CAT# 6V-7676	HDWRE - M24x3.0 HEX HD, SELF LOCKING NUT
6	2	CAT# 8T-4193	HDWRE - M16x2.0x 50 HEX HD CAP SCREW
7	2	CAT# 9X-8257	HDWRE - M16 FLAT HARDNENED PLATED WASHER
8	2	CAT# 8T-5361	1-IN FLAT HARD PLATED WASHER (USES SHIM)

DECALS

GP - D6N LGP CANOPY DECALS

038-09-000

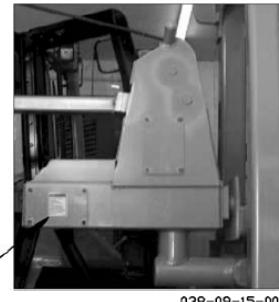


DECAL APPLICATION:

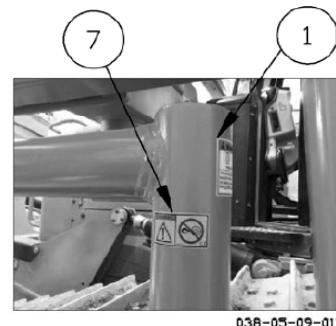
THE SURFACE SHOULD BE THOROUGHLY CLEANED AND DRIED WITH REAGENT GRADE SOLVENT SUCH AS HEPTANE (FOR OILY SURFACES) OR ISOPROPYL ALCOHOL (NOT RUBBING ALCOHOL).

INSTALL WITH A HARD EDGED PLASTIC TOOL WHICH IS THE FULL WIDTH OF THE DECAL WITH A PRESSURE OF 10-15 PSI.

APPLY DECAL IN THE TEMPERATURE RANGE OF 60°F (15.6°C) TO 100°F (38°C).



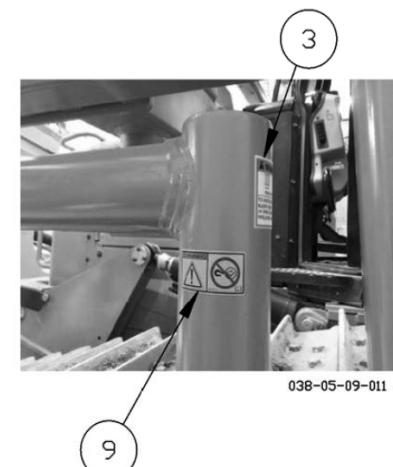
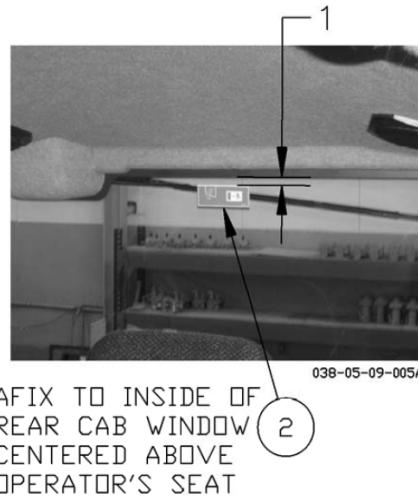
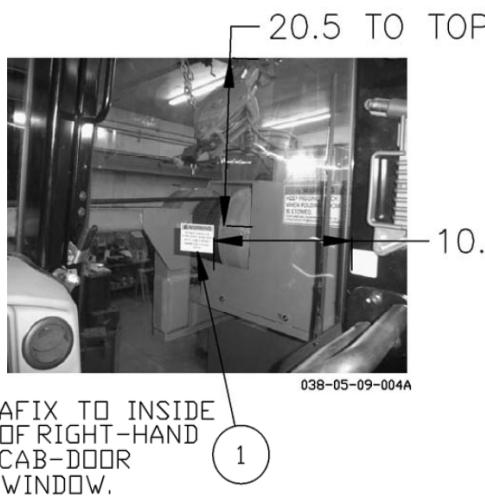
CENTER BOOM STOP COVER



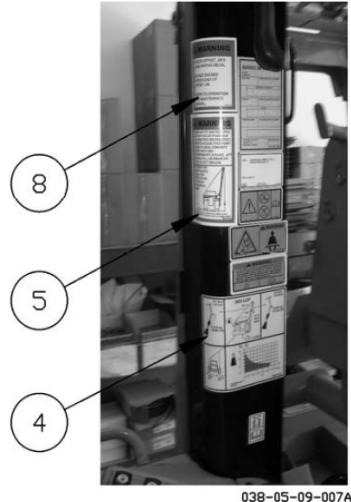
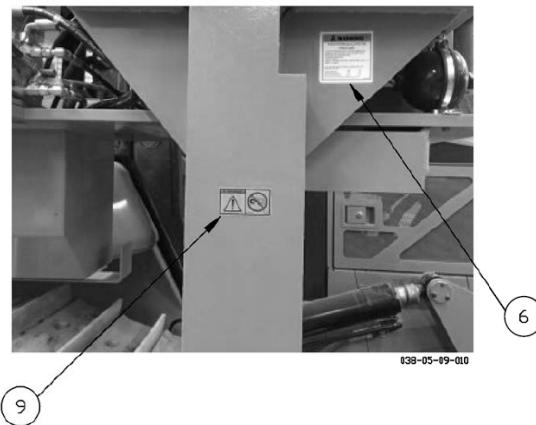
ITEM	QTY	PART NO	DESCRIPTION
1	2	032-09-008	WARNING PLATE - PINCH POINT
2	1	038-09-003	OPT - TIP CHART - D6N LGP
3	1	032-09-003	WARNING PLATE - TIP & WORKING RANGE
4	1	032-09-004	WARNING PLATE HYD. SYSTEM PRESSURE D5M LGP / D4H LGP
5	1	032-09-007	WARNING PLATE - ELECTROCUTION OVERHEAD WIRES
6	1	038-09-001	FILM - WARNING CHECK OFFSET JIB RATING
7	2	043-09-014	FILM-WARN US-NOT A TOW POINT
8	1	030-09-007	FILM – WARNING BOOM STOP ADJUST
9	1	CAT# 323-2867	FILM – BLADE CONTROL

DECALS		OPT – TIP CHART – D6N LGP		038-09-003
ITEM	QTY	PART NO	DESCRIPTION	
1	*	038-09-002	FILM – LIFT CAPACITY D6N LGP	
2	*	038-09-091	TIP CHART-D6NLGP 24" PHOTO ETCHING DETAILS	
3	*	038-09-092	FILM – TIP CHART D6NLGP SHACK TRACTOR AUS 9.5t	

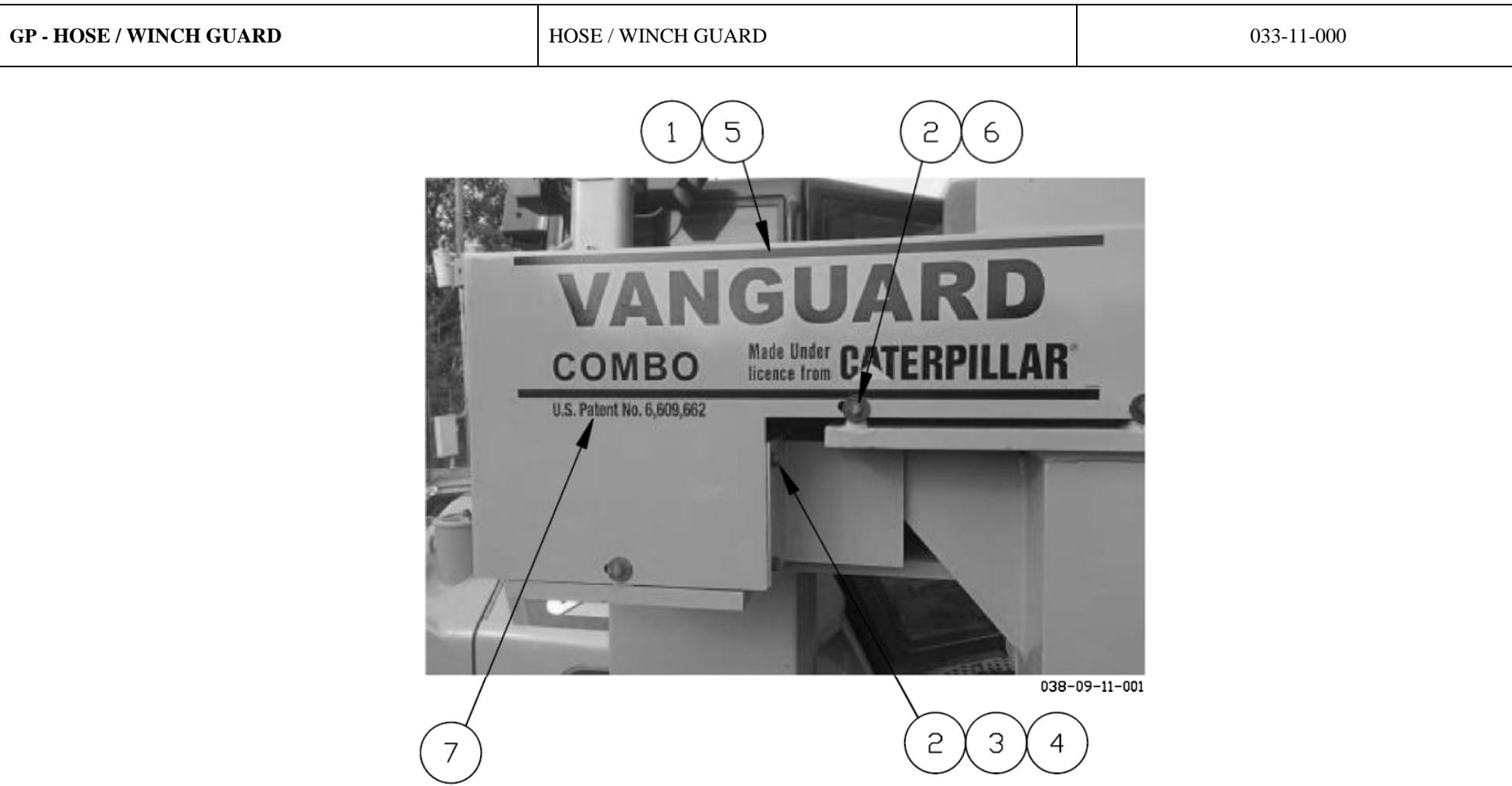
*SELECT (CORRECT ONE ONLY) BASED ON MACHINE CONFIGURATION

**DECAL APPLICATION:**

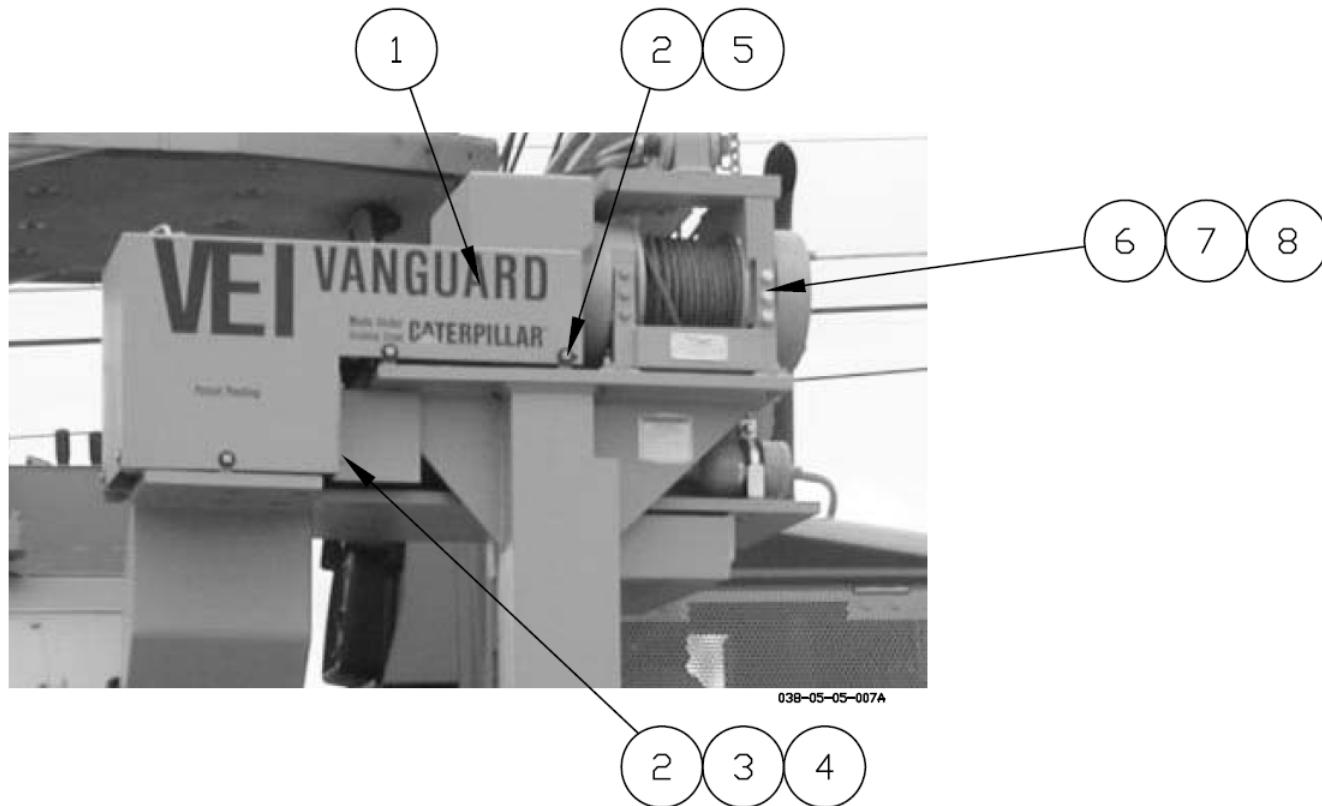
THE SURFACE SHOULD BE THOROUGHLY CLEANED AND DRIED WITH REAGENT GRADE SOLVENT SUCH AS HEPTANE (FOR OILY SURFACES) OR ISOPROPYL ALCOHOL (NOT RUBBING ALCOHOL).
INSTALL WITH A HARD EDGED PLASTIC TOOL WHICH IS THE FULL WIDTH OF THE DECAL WITH A PRESSURE OF 10-15 PSI.
APPLY DECAL IN THE TEMPERATURE RANGE OF 60°F (15.6°C) TO 100°F (38°C).



DECALS		GP -D6N LGP CAB DECALS	
038-09-004			
ITEM	QTY	PART NO	DESCRIPTION
1	1	031-09-003	DECAL - WARNING WINCHES / CAB DOOR
2	1	CAT# 100-5612	FILM - ALT EXIT, REMOVE WINDOW
3	2	032-09-008	WARNING PLATE - PINCH POINT
4	1	038-09-003	OPT - TIP CHART - D6N LGP
5	1	032-09-003	WARNING PLATE - TIP & WORKING RANGE
6	1	032-09-004	WARNING PLATE HYD. SYSTEM PRESSURE D5M LGP / D4H LGP
7	1	032-09-007	WARNING PLATE - ELECTROCUTION OVERHEAD WIRES
8	1	038-09-001	FILM - WARNING CHECK OFFSET JIB RATING
9	2	043-09-014	FILM-WARN US-NOT A TOW POINT
10	1	030-09-014	FILM – WARNING BOM STOP ADJUST
11	1	CAT# 323-2867	FILM – BLADE CONTROL



ITEM	QTY	PART NO	DESCRIPTION
1	1	033-11-002	AS - HOSE GUARD
2	10	CAT# 8T-4136	HDWRE - HEX HEAD PLATED BOLT M10x1.5 x 25 LNG
3	2	CAT# 8T-4121	HDWRE - FLAT HARDENED WASHER M10
4	1	032-11-013	PLATE - HOSE GUARD F
5	1	032-09-016	DECAL - VEI MARK
6	8	CAT# 6V-8513	WASHER, 7/16"NON-HARDENED
7	1	032-09-017	FILM - COMBO US PATENT



ITEM	QTY	PART NO	DESCRIPTION
1	1	033-11-000	AS - HOSE GUARD
*2		CAT# 8T-4136	(QTY 10) HEX HEAD PLATED BOLT M10x1.5 x 25 LNG
*3		CAT# 8T-4121	(QTY 2) WASHER, FLAT HARDENED M10
*4		032-11-013	(QTY 1) PLATE - HOSE GUARD F
*5		CAT# 6V-8513	(QTY 8) WASHER, 7/16" NON-HARDENED
6	1	034-11-006	BOOM WINCH CABLE GUARD ASSEMBLY
7	3	CAT# 5P-2566	BOLT, 1/2"-13UNC x 1-1/2"LN ZINC PLATED
8	3	CAT# 8T-4223	WASHER, 1/2" HARDENED

* PART OF ITEM 1



038-05-05-008A



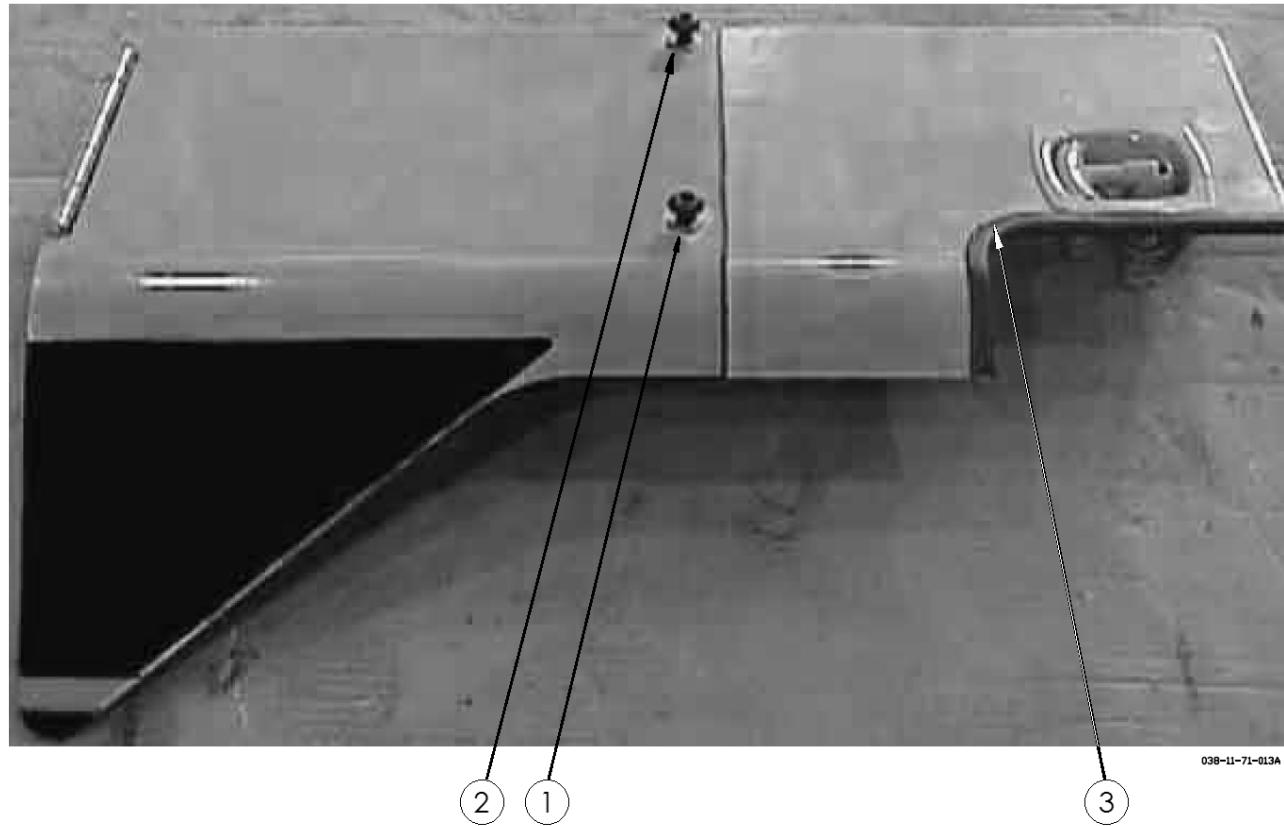
038-05-25-009A

NOT SHOWN

6

ITEM	QTY	PART NO	DESCRIPTION
1	1	038-71-002	FENDER MODIFICATIONS
3	1	038-71-013	RH DOOR AS CUT-OUT
4	1	038-71-022	MODS – FRAME GUARD, LH & RH, D6N
5	1	038-71-021	ENGINE COVER MODIFICATIONS
6	1	038-71-003	MOD – CASE DRAIN FLTR RELOCATE (D6N S/N DYJ-UP)

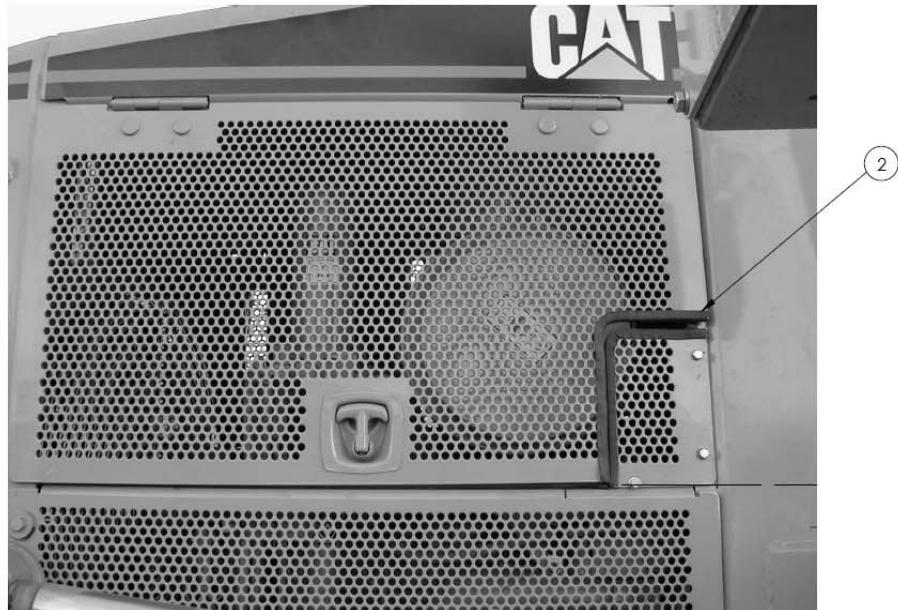
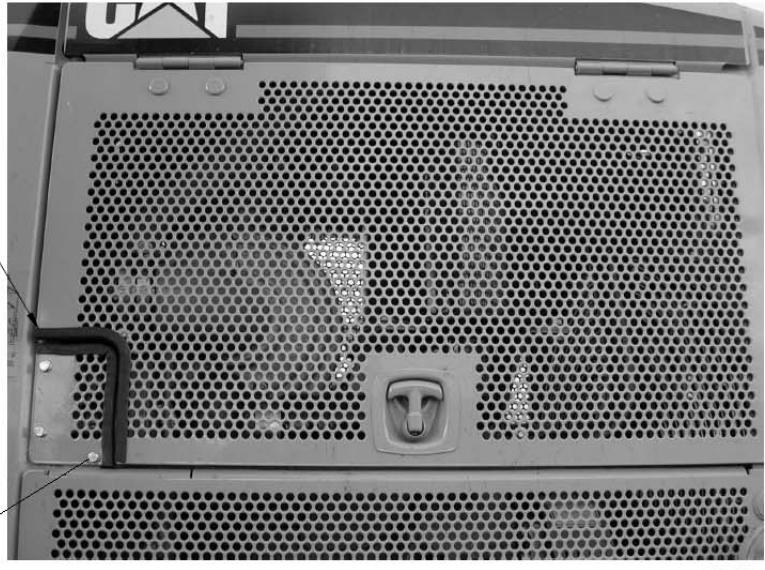
D6N LGP TRACTOR MODS RH DOOR AS CUT-OUT	038-71-013
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ITEM	QTY	PART NO	DESCRIPTION
1	2	CAT# 9X-2040	BUTTON HEAD CAP SCREW M10x1.50x25
2	2	CAT# 8T-4121	M10 FLAT HARDEDNED WASHER
3	1	038-11-006	HDWM – SELF GRIPPING 12 IN-VINYL EDGING



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-71-018	FRAME GUARD LH & RH EQ LCKOUT CYL CUT-OUT
2	2	038-11-005	PLT-LCKOUT CYL TRACTOR HOSE GUARD
3	3	CAT# 9X-2040	BUTTON HEAD CAP SCREW M10x1.50x25
4	4	CAT# 8T-4121	M10 FLAT-HARDENED WASHER



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-11-007	HDWM – SELF GRIPPING 19 IN-VINYL EDGING
2	1	038-11-008	HDWM – SELF GRIPPING 26.4 IN-VINYL EDGING
3	6	CAT# 4M-5281	HEX HD BOLT 1/4-20NC X 3/4
4	6	CAT# 8T-4205	WASHER, FLAT HARD 1/4

5 8 9

1 2 4
5 8 9



038-43-60-013

4 3

HOSE FILTER OUT

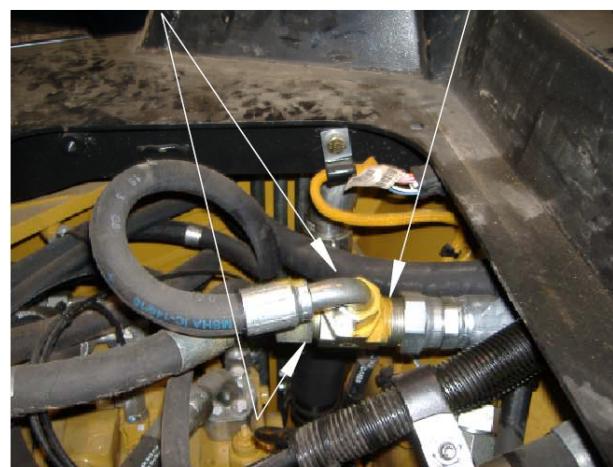


038-43-60-015

10 8 7
6 8 8 8

FILTER "OUT" END

FILTER IN HOSES



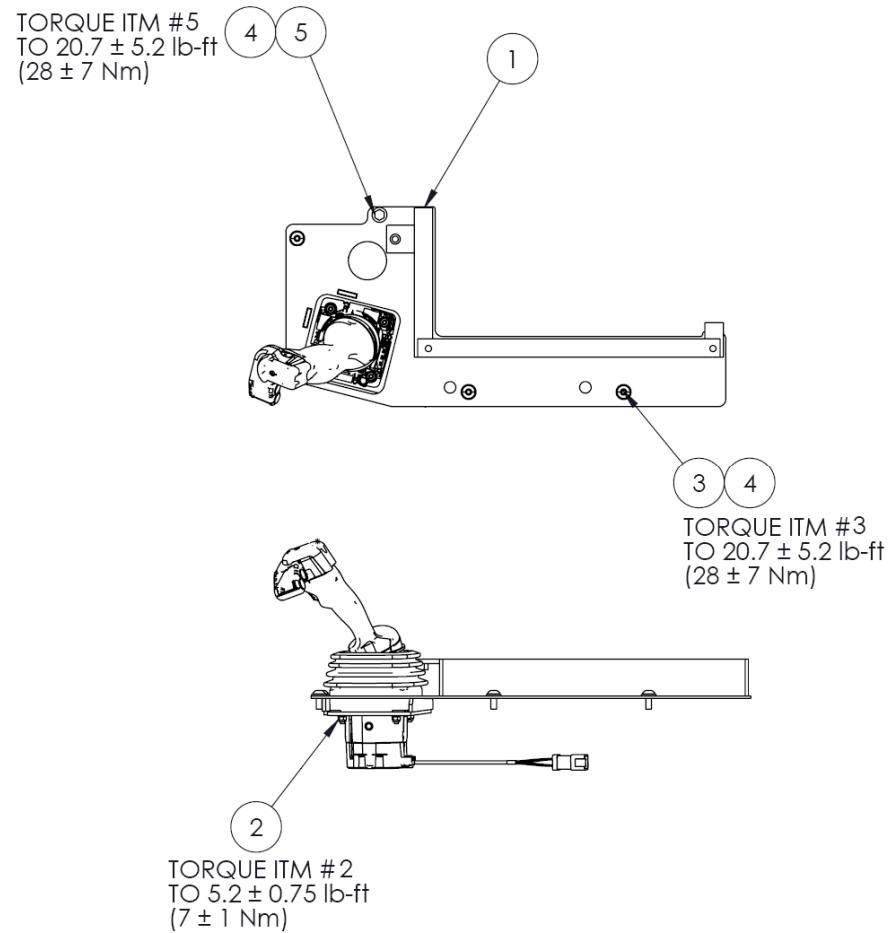
038-43-60-014

FILTER "IN" END

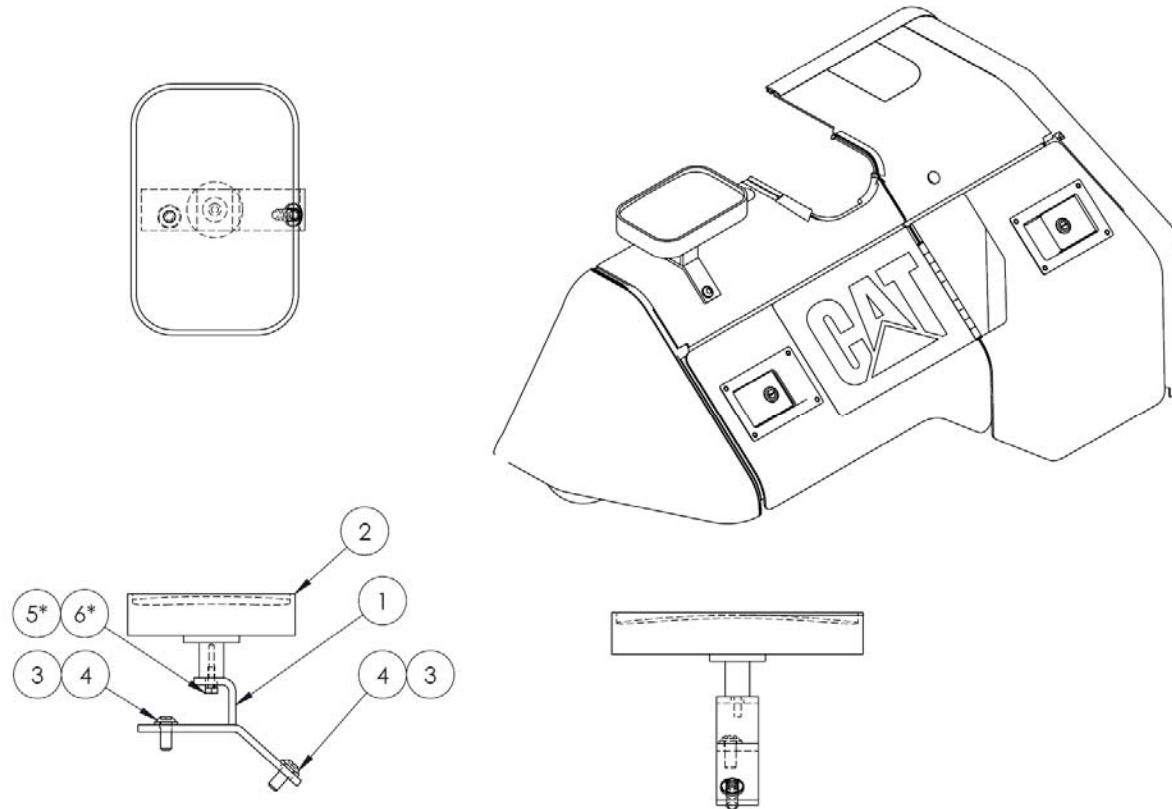
MOD – CASE DRAIN FLTR RELOCATE (D6N S/N DJY-UP)				038-71-003
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-71-004	PLT - CAT FILTER RELOCATE BRKT	
2	3	CAT# 8T-4136	HDW - BOLT M10X1.5X25	
3	2	CAT# 8T-4137	HDW - BOLT M10X1.5X20	
4	5	CAT# 8T-4121	HDW - WASHER M10	
5	2	CAT# 6V-9008	90 EL, ORFS M/STOR, -16/-16	
6	1	CAT# 6V-8792	TEE, ORFS M/ORFS M/ORFS M, -16/-16/-16	
7	1	CAT# 6V-8946	REDUCER, ORFS SW/ORFS, -16/-12	
8	5	CAT# 5K-9090	O-RING ORFS, -16	
9	2	CAT# 7M-8485	O-RING STOR, -16	
10	1	CAT# 6V-9746	O-RING ORFS, -12	

MOD – CAB MODIFICATION - D6N GHS				038-70-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-71-032	TRCMOD – CAB OPR CONT BOX RISER	
2	1	038-63-044	AS – MIRROR INSTALL	

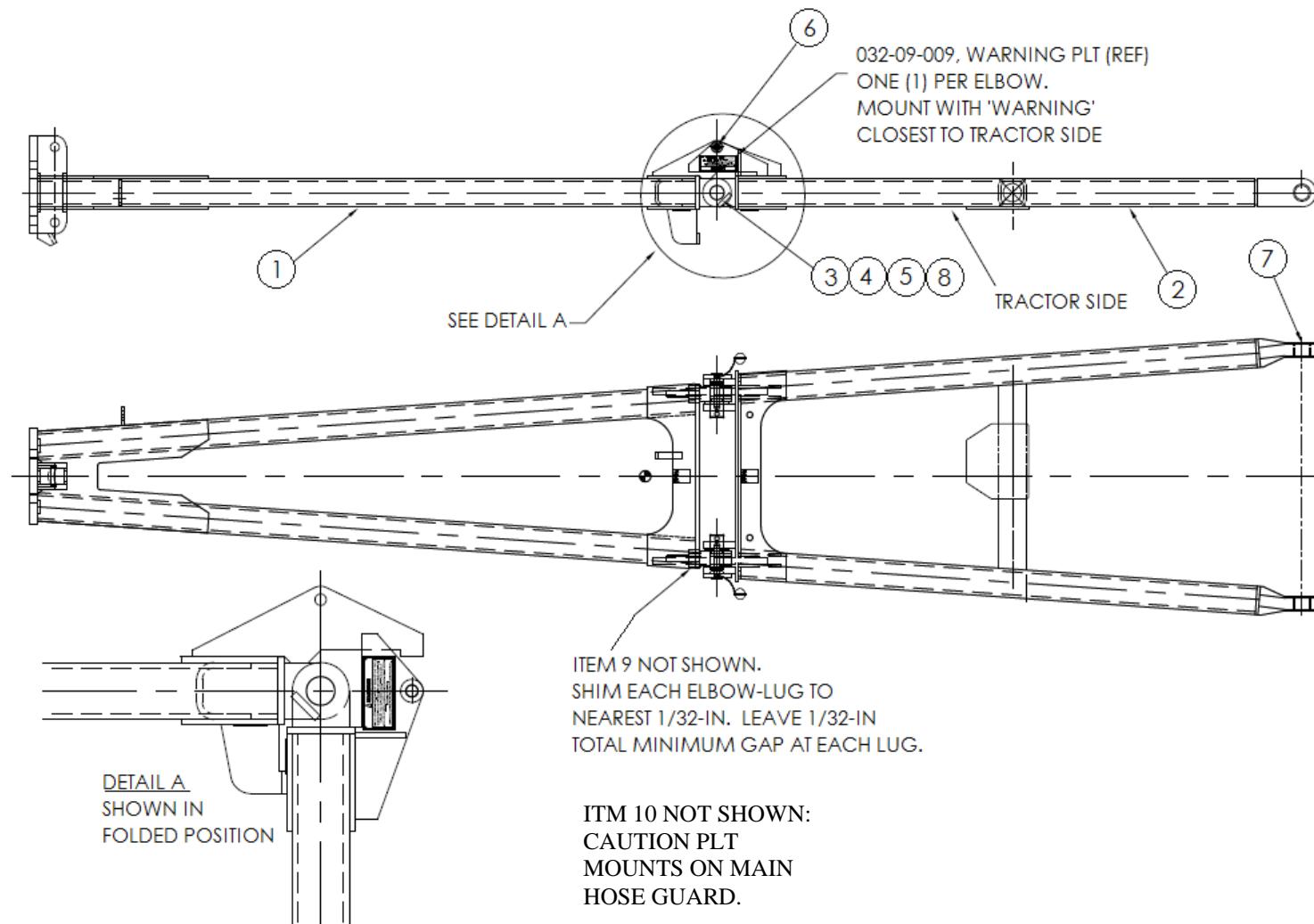
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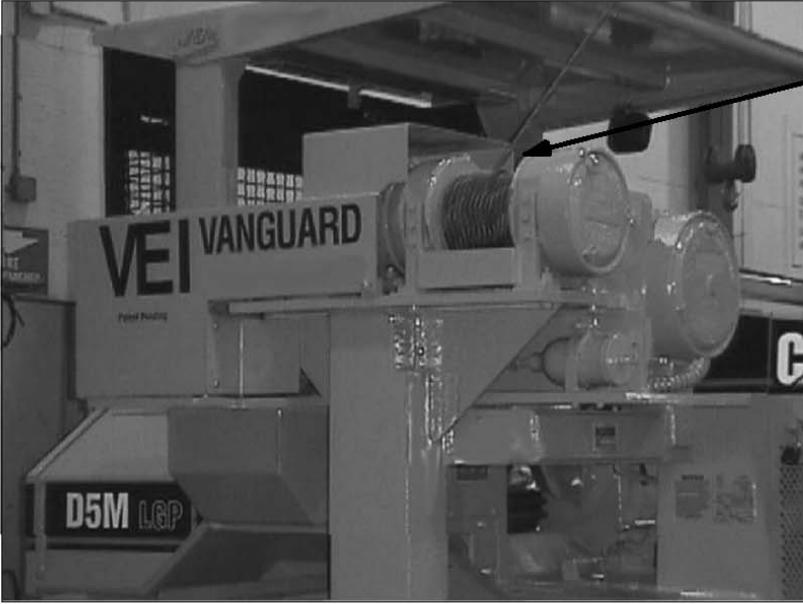
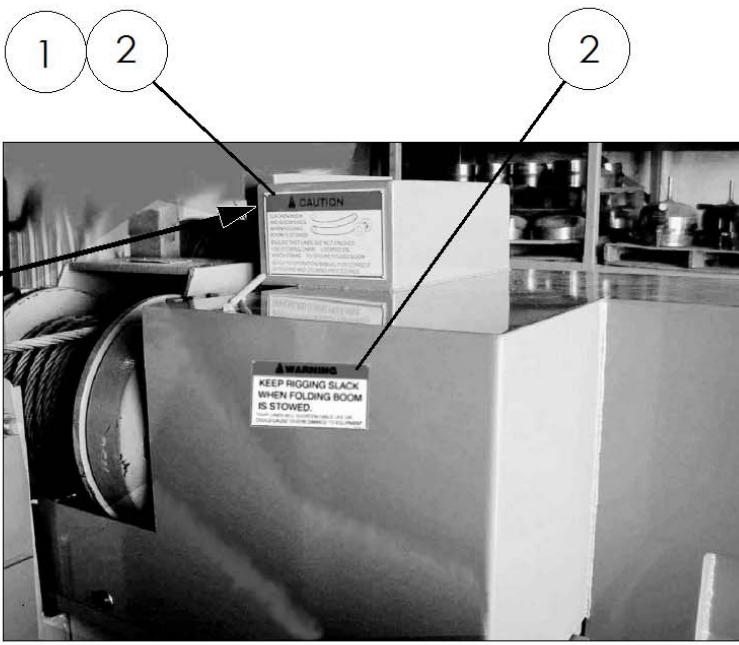
ITEM	QTY	PART NO	DESCRIPTION
1	1	038-63-037	AS - CAB OPR CONTROL RISER
2	4	CAT# 112-6646	HDW - LOCKNUT - M6X1
3	4	CAT# 127-2170	HDW - M8X1.25X20 - TORX TRUSS HEAD
4	5	CAT# 5P-4116	HDW - WASHER M8
5	1	CAT# 8T-4189	HDW - BOLT M8X1.25X20



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-63-045	HDWM - MIRROR 9x6 R18
2	1	037-63-055	AS - MIRROR BRACKET
3	2	CAT# 8T-4121	HDW - WASHER M10
4	2	CAT# 9X-2040	HDW - BSCS M10X1.5X25
5*	1	CAT# 3B-4504	HDW - LWASH 1/4 - SPLIT SPRING
6*	1	CAT# 4M-5281	HDW - BOLT 1/4"-3/4



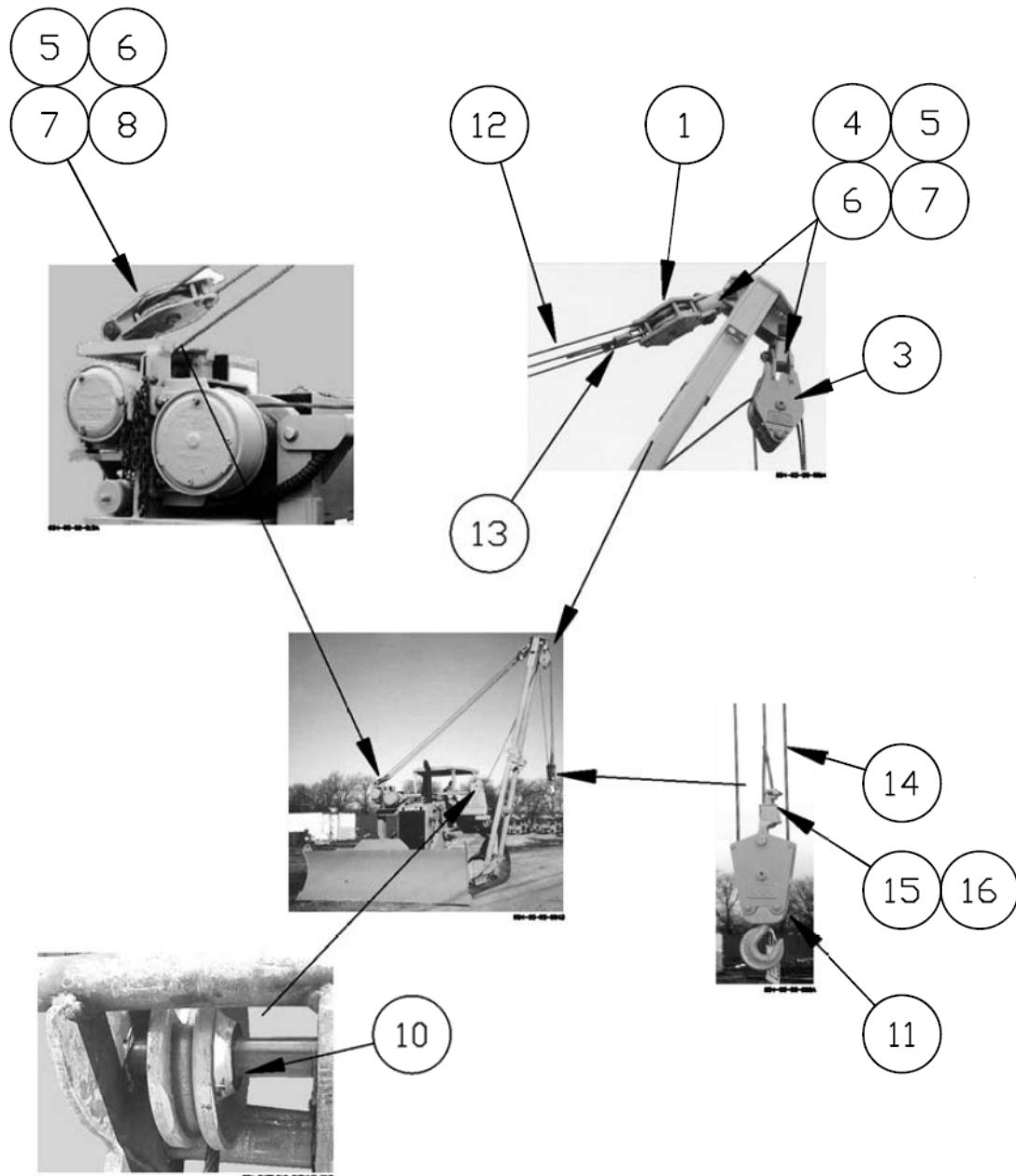
AS - STANDARD FOLDING BOOM 5.5 m(18 ft) D6N				038-25-000
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-25-001	AS - UPPER FOLDING BOOM & WEDGE LOCATION	
2	1	033-25-001	AS- STANDARD LOWER FOLDING BM 5.5m(18ft)	
3	2	032-25-005	AS - PIN - BOOM (CAT# 140-7826)	
4	2	038-30-002	KEY - PIN(Ø0.75X3.5 LNG)	
5	2	CAT# 2H-3771	COTTER PIN	
6	2	032-25-010	PIN - FOLDING CONNECTION	
7	2	040-68-036	BUSHING	
8	2	CAT# 3B-8489	1/8" NPT GREASE NIPPLE	
REF	2	032-09-009	PLT - WARNING FOLDING BOOM ELBOW LOCK PINS	
9	1	032-25-054	SHIM KIT - BOOM	
10	1	032-09-014	FOLDING BM CAUTION PLT LOCATION	

FOLDING BM CAUTION PLT LOCATION		032-09-014
		<p>VIEW FROM OPERATOR PLATFORM</p>

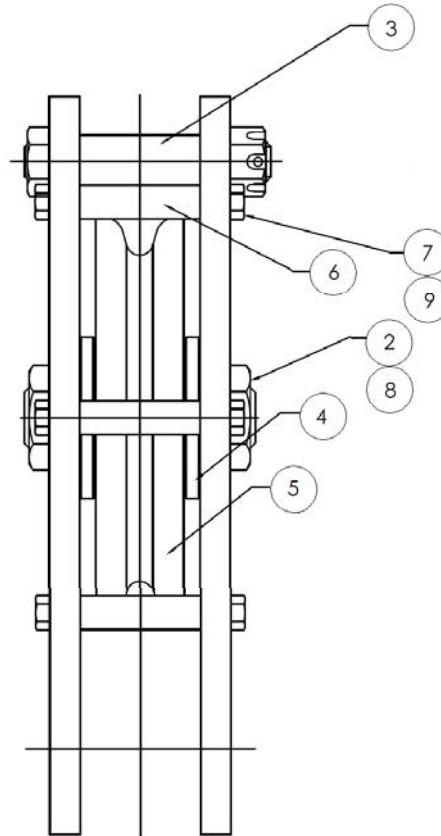
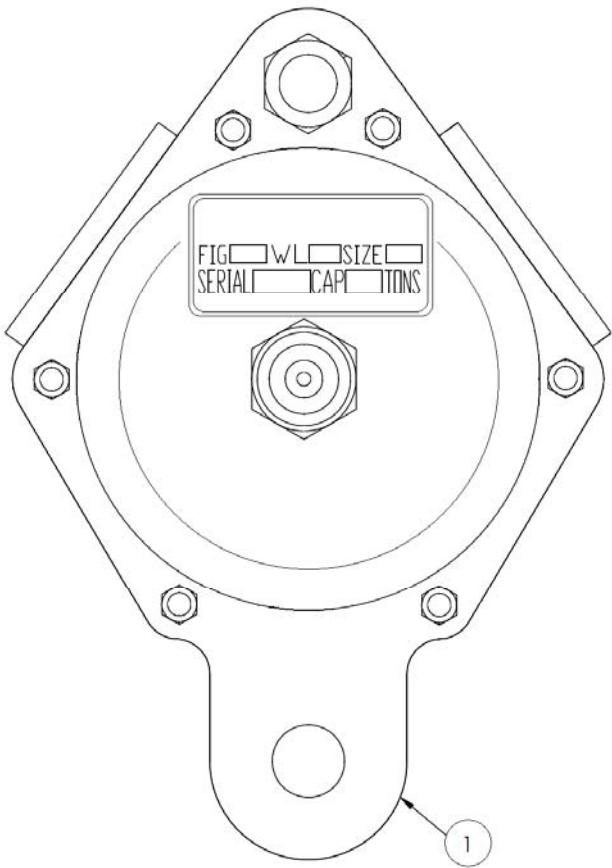
ITEM	QTY	PART NO	DESCRIPTION
1	1	032-09-010	PLT - CAUTION FOLDING BOOM STOWING PROCEDURE
2	1	032-09-015	PLT - WARNING KEEP LINES SLACK FOLDING BM

STOWING CHAIN W/ SHACKLE	032-25-055
	

ITEM	QTY	PART NO	DESCRIPTION
1	1	038-30-001	RIG - 3/8IN PROOF CHAIN - 5FT
2	1	006-30-005	RIG - 3/8IN SPA ANCHOR SHACKLE



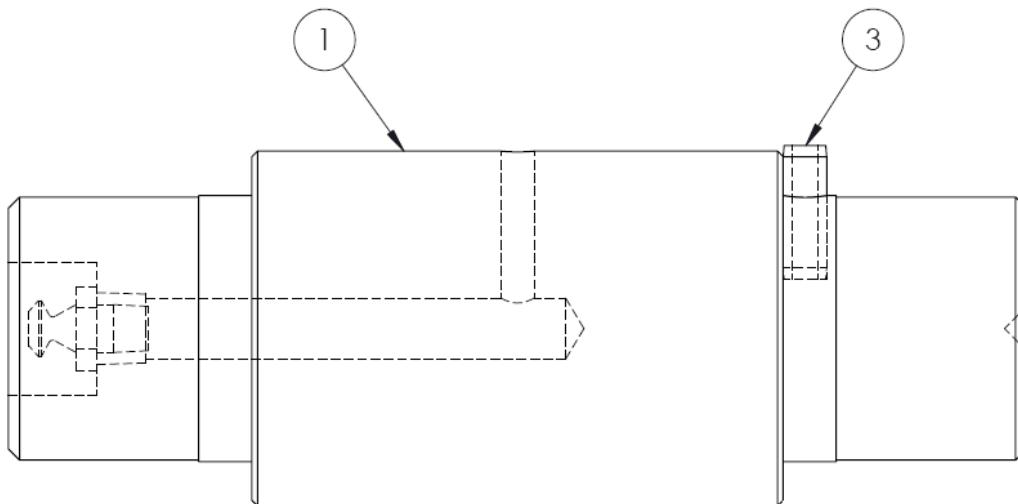
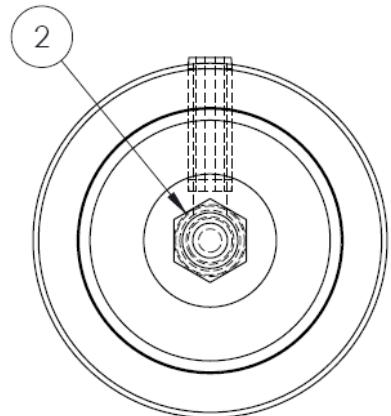
RIGGING GROUP				033-30-000
ITEM	QTY	PART NO	DESCRIPTION	
1	1	033-30-007	AS - LUFF BLOCK MODIFICATION	
3	1	033-30-002	LOAD BLK DBL BB	
4	2	032-30-020	TRUNNION LINK	
5	5	039-30-023	AS - PIN RIGGING BLOCK	
6	5	038-30-003	RB - PIN(Ø0.625x2 LNG)	
7	5	CAT# 3B-4629	COTTER PIN	
8	1	032-30-001	AS - TAIL BLK, LUFFING	
10	1	032-30-017	GP - TOWER LOAD LINE RIGGING	
11	1	032-30-003	AS - HOOK BLOCK	
12	1	033-30-005	BOOM LINE-D6M/D5H LGP WIRE ROPE	
13	1	032-30-004	TERMINATOR, 1/2" WIRE ROPE	
14	1	033-30-006	LOAD LINE-D6M/D5H LGP WIRE ROPE	
15	1	040-30-017	RIG - TERMINATOR, 5/8" WIRE ROPE	
16	1	040-30-056	AS - CUSTOM 1.25-7 UNC BOLT REPLACEMENT	



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-30-006	BLOCK ASSY, LUFTING
2	1	038-30-028	AS - PIN ($\varnothing 2.000 \times 5.75$ LNG) - GREASED
3	1	038-30-026	BOLT ASSY 1.00 X 6.12
4	2	038-30-031	PLT - LUFT BLOCK SPACER
5	1	038-30-020	AS - 10IN X 1/2IN ROPE - SHEAVE
6	6	038-30-030	TUBE - SPACER - 1/2" SCHEDULE 80 PIPE
7	6	CAT# 7X-0334	HDW - BOLT - 1/2-13 UNC X 5 HEX
8	2	040-30-033	CUSTOM JAM NUT - 1 1/2" - 12 UNF
9	6	CAT# 3H-3680	HDW - HEX JAM NUT 1/2-13

AS - PIN (\varnothing 2.000 x 5.75 LNG)

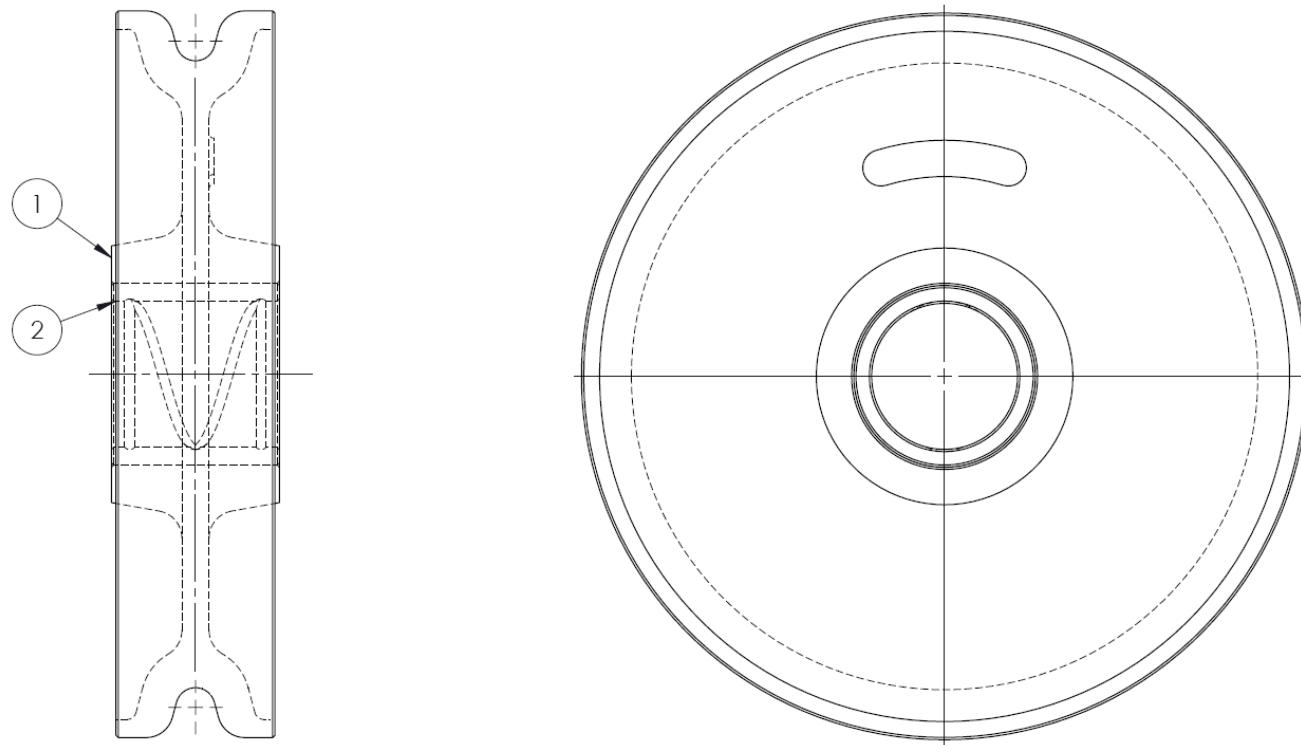
038-30-028



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-30-029	RB - PIN (\varnothing 2.000 x 5.75 LNG) - GREASED
2	1	CAT# 3B-8489	1/8 NPT GREASE FITTING
3	1	CAT# 7M-5130	HDW - SPRING PIN 1/4"DIA X 3/4" LG.

AS - 10IN X 1/2IN ROPE - SHEAVE

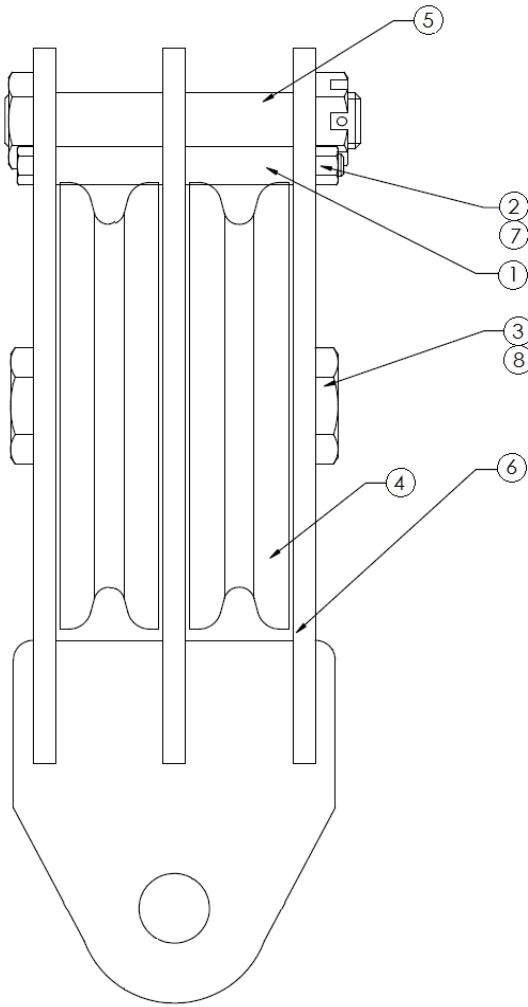
038-30-020



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-30-021	AS - 10IN X 1/2IN ROPE - SHEAVE MACHINING
2	1	040-30-020	MB - BEARING - SLEEVE

LOAD BLK DBL BB

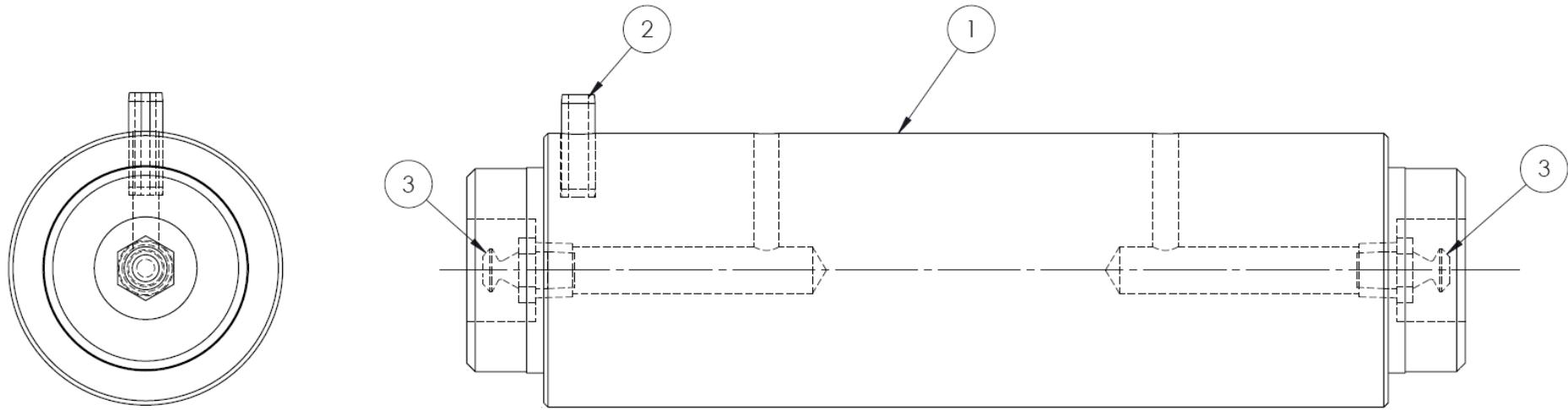
033-30-002



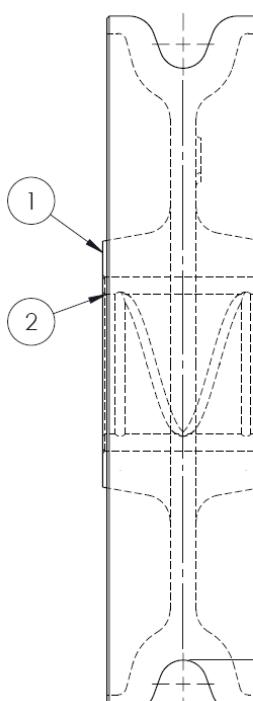
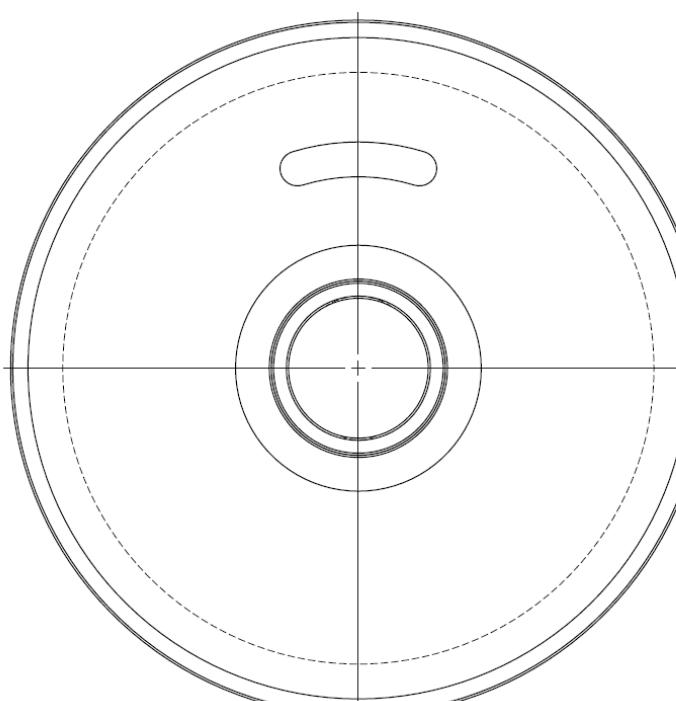
ITEM	QTY	PART NO	DESCRIPTION
1	4	040-30-031	TUBE - SPACER - 1/2" SCHEDULE 80 PIPE
2	2	CAT# 7X-0341	HDW - BOLT - 1/2-13 UNC X 7.0 HEX
3	1	038-30-018	AS - PIN ($\varnothing 2.000 \times 7.5$ LNG) - GREASED
4	2	040-30-018	AS - 10" x 5/8" ROPE - SHEAVE
5	1	038-30-016	AS - CUSTOM BOLT AND NUT 1.25
6	1	038-30-011	AS - LOAD BLOCK BODY
7	2	CAT# 3H-3680	HDW - HEX JAM NUT 1/2-13
8	2	040-30-033	CUSTOM JAM NUT - 1 1/2" - 12 UNF

AS - PIN (\varnothing 2.000 x 7.5 LNG) - GREASED

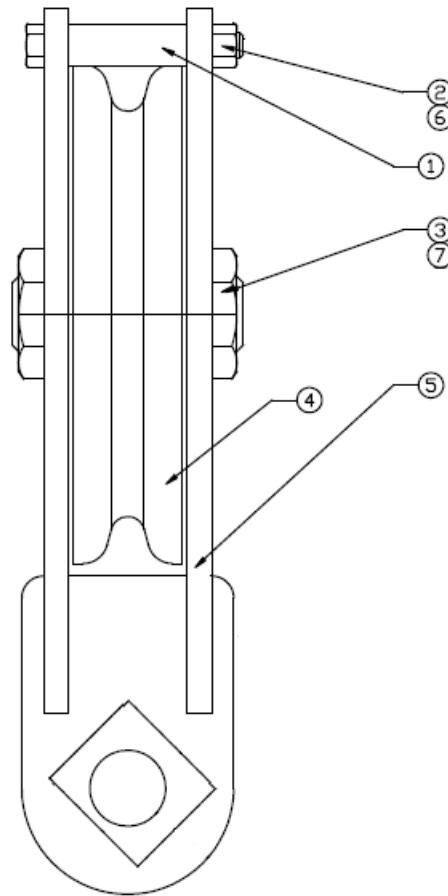
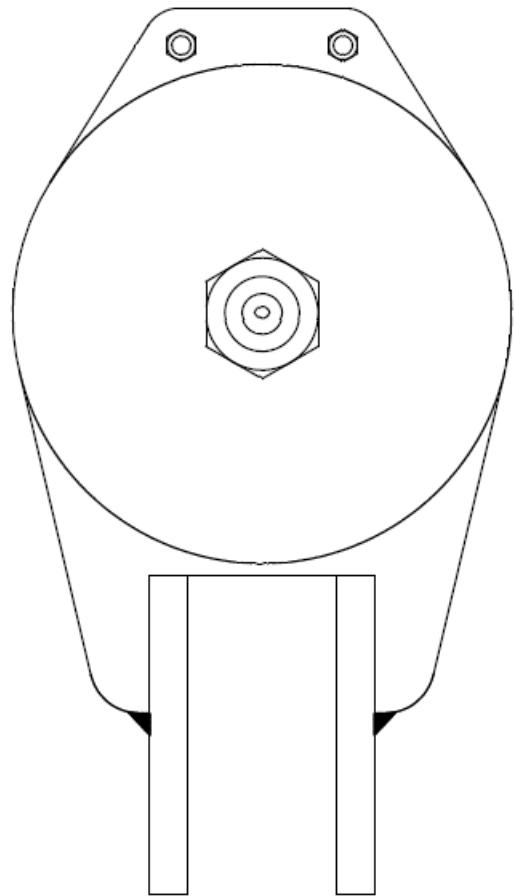
038-30-018



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-30-019	RB - PIN (\varnothing 2.000 x 7.5 LNG) - GREASED
2	1	CAT# 7M-5130	HDW - SPRING PIN 1/4"DIA X 3/4" LG.
3	2	CAT# 3B-8489	1/8 NPT GREASE FITTING

AS - 10" X 5/8" ROPE - SHEAVE ASSEMBLY	040-30-018
 	

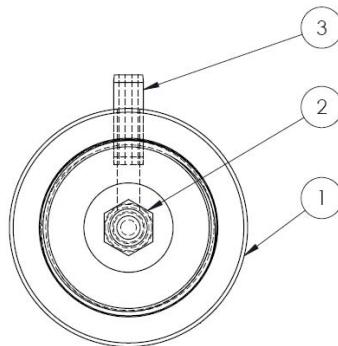
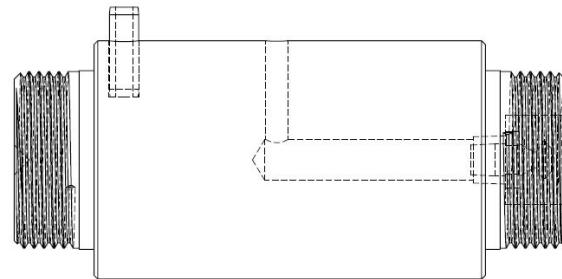
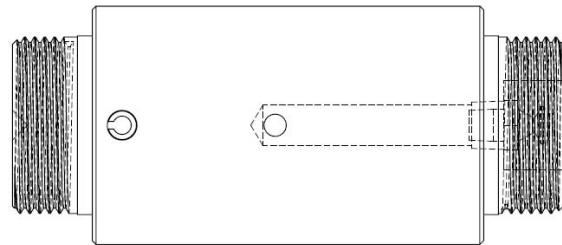
ITEM	QTY	PART NO	DESCRIPTION
1	1	040-30-019	AS - 10" x 5/8" ROPE - SHEAVE MACHINING
2	1	040-30-020	MB - BEARING - SLEEVE



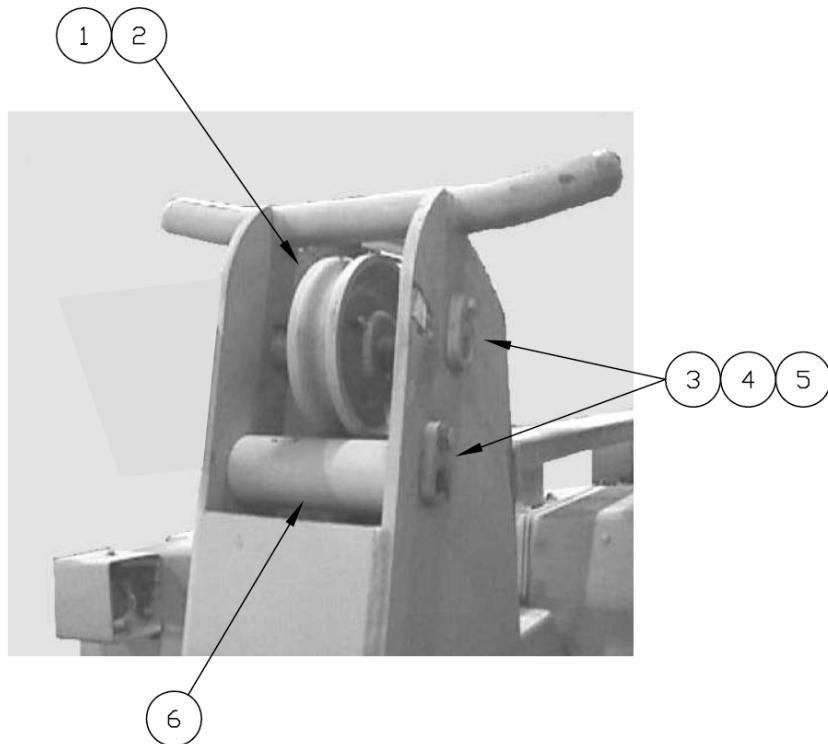
ITEM	QTY	PART NO	DESCRIPTION
1	2	040-30-031	TUBE - SPACER - 1/2" SCHEDULE 80 PIPE
2	2	CAT# 6V-4432	HDW - BOLT - 1/2-13 UNC X4.0 HEX
3	1	038-30-037	AS - PIN ($\varnothing 2.000 \times 5.75$ LNG) - GREASED
4	1	038-30-020	AS - 10IN X 1/2IN ROPE - SHEAVE
5	1	038-30-033	AS - TAIL BLOCK - BODY
6	2	CAT# 3H-3680	HDW - HEX JAM NUT 1/2-13
7	2	040-30-033	CUSTOM JAM NUT - 1 1/2" - 12 UNF

AS - PIN (\varnothing 2.000 x 4.625 LNG) - GREASED

038-30-037



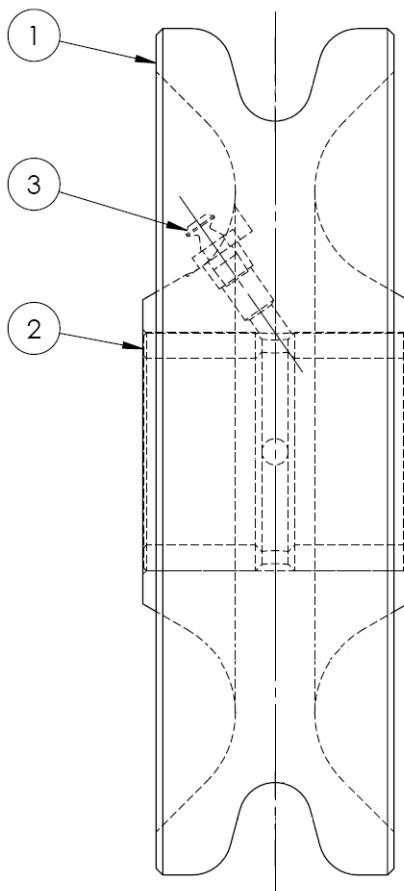
ITEM	QTY	PART NO	DESCRIPTION
1	1	038-30-038	RB - PIN (\varnothing 2.000 x 4.625 LNG) - GREASED
2	1	CAT# 3B-8489	1/8 NPT GREASE FITTING
3	1	CAT# 7M-5130	HDW - SPRING PIN 1/4"DIA X 3/4" LG.



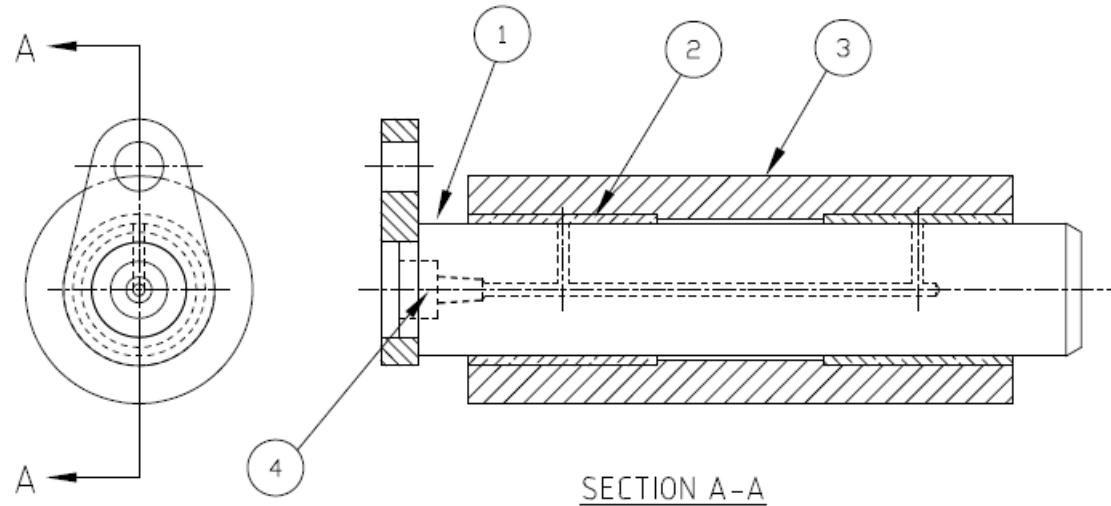
ITEM	QTY	PART NO	DESCRIPTION
1	1	040-30-024	AS - 8"X 5/8" ROPE - SHEAVE ASSEMBLY - FLOATING
2	1	040-30-006	AS - PIN ($\varnothing 1.750 \times 9.250$)
3	2	040-68-065	TUBE - SPACER
4	2	CAT# 8T-4139	BOLT, M12 x 1.75 x 30 ZINC PLATED
5	2	CAT# 8T-4223	WASHER, M12 FLAT-HARDENED, ZINC PLATED
6	1	032-30-010	AS - HOOK LINE ROLLER

AS - 8" X 5/8" ROPE - SHEAVE ASSEMBLY - FLOATING DEFLECTOR

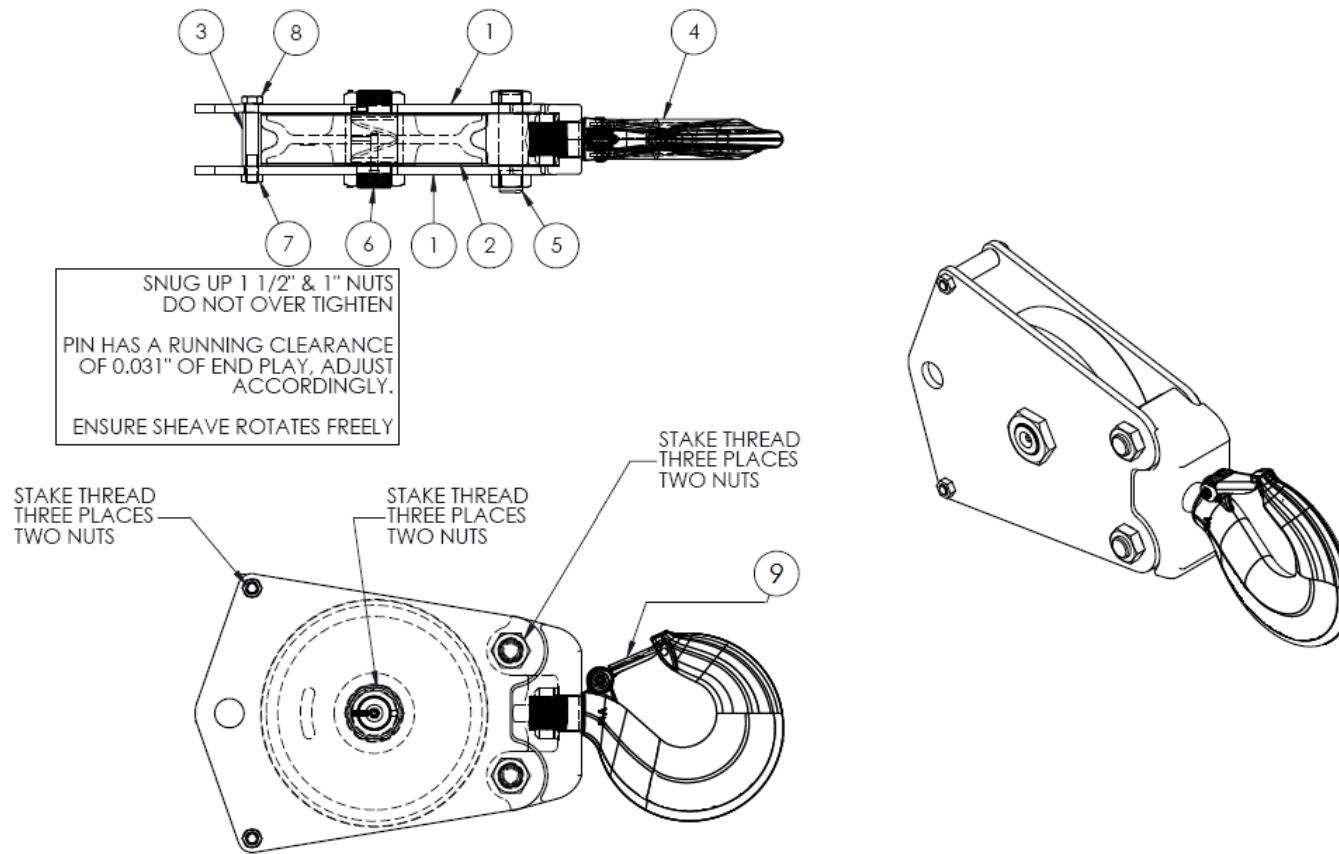
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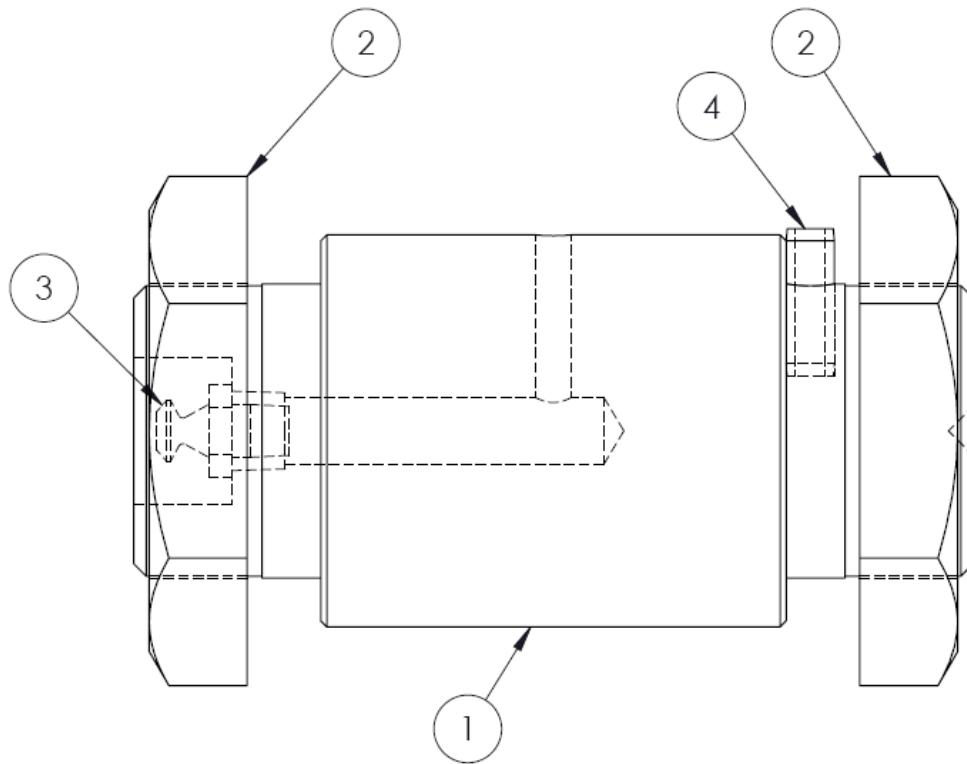
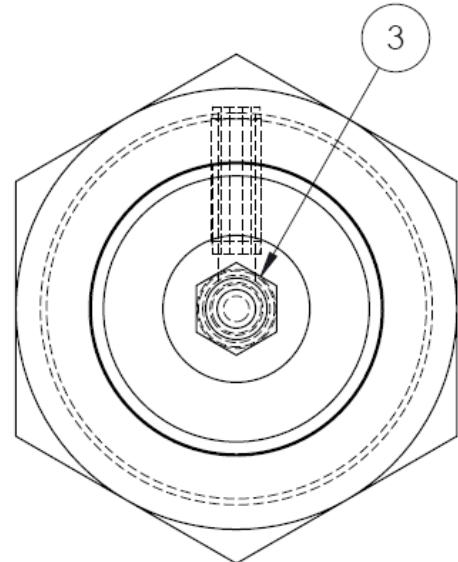
ITEM	QTY	PART NO	DESCRIPTION
1	1	040-30-052	RB - DEFLECTOR SHEAVE - MACHINING
2	1	040-30-053	MB - BEARING - SLEEVE
3	1	CAT# 3B-8489	1/8 NPT GREASE FITTING



ITEM	QTY	PART NO	DESCRIPTION
1	1	032-30-012	AS - PIN($\varnothing 1.750 \times 9.250$)-GREASED
2	2	006-04-006	MB - BUSHING CW STYLE 2 GROOVE
3	1	032-30-011	ROLLER DETAIL
4	1	CAT# 3H-0122	FITTING - 1/8" NPT GREASE (NOT SHOWN)



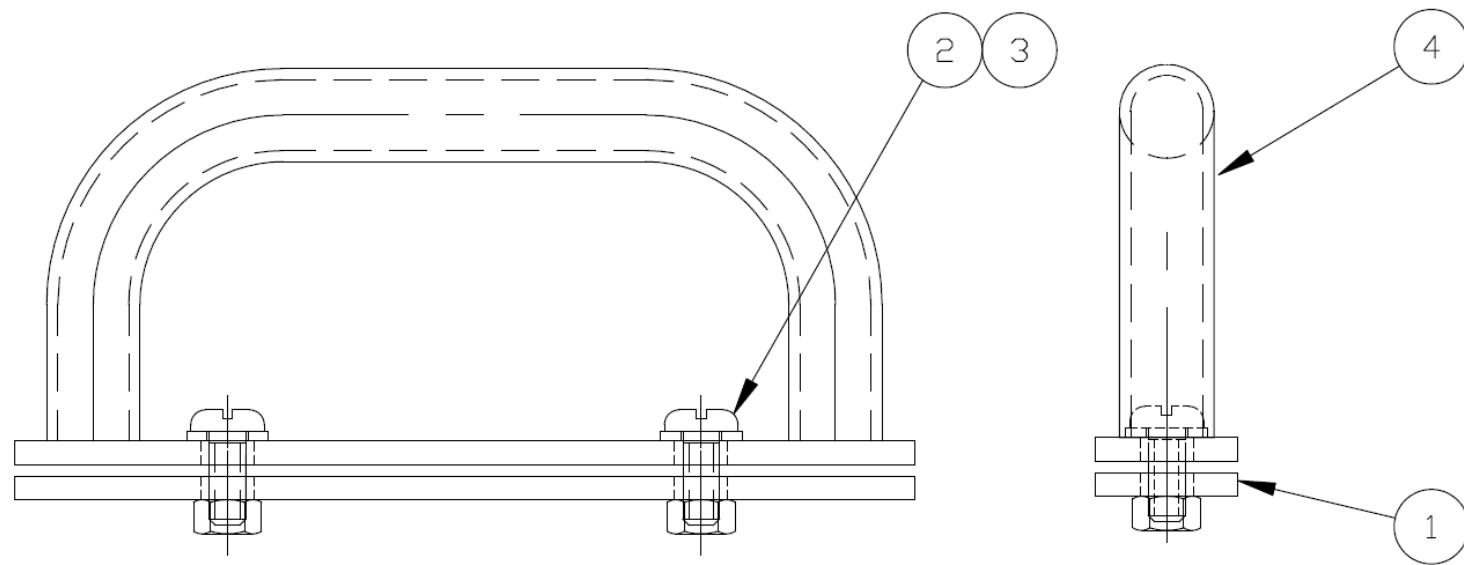
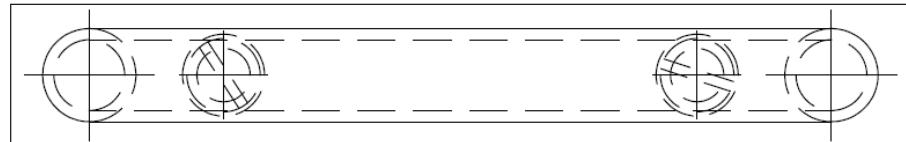
ITEM	QTY	PART NO	DESCRIPTION
1	2	038-30-010	AS - HOOK BLOCK SIDE W/ RTNR
2	1	040-30-018	AS - 10" X 5/8" ROPE - SHEAVE ASSEMBLY
3	2	040-30-031	TUBE - SPACER - 1/2" SCHEDULE 80 PIPE
4	1	040-30-051	AS – HOOK/YOKE/COLLAR
5	2	040-30-060	AS - BOLT 1-8 UNC W/ NUT
6	1	040-30-061	AS - PIN ($\varnothing 2.000 \times 4.281$ LNG)
7	2	CAT# 3H-3680	HDW – HEX JAM NUT 1/2-13
8	2	CAT# 7X-0328	HDW – BOLT - 1/2-13 UNC x 3 1/2" HEX
9	1	040-30-065	AS – HOOK FLIPPER KIT



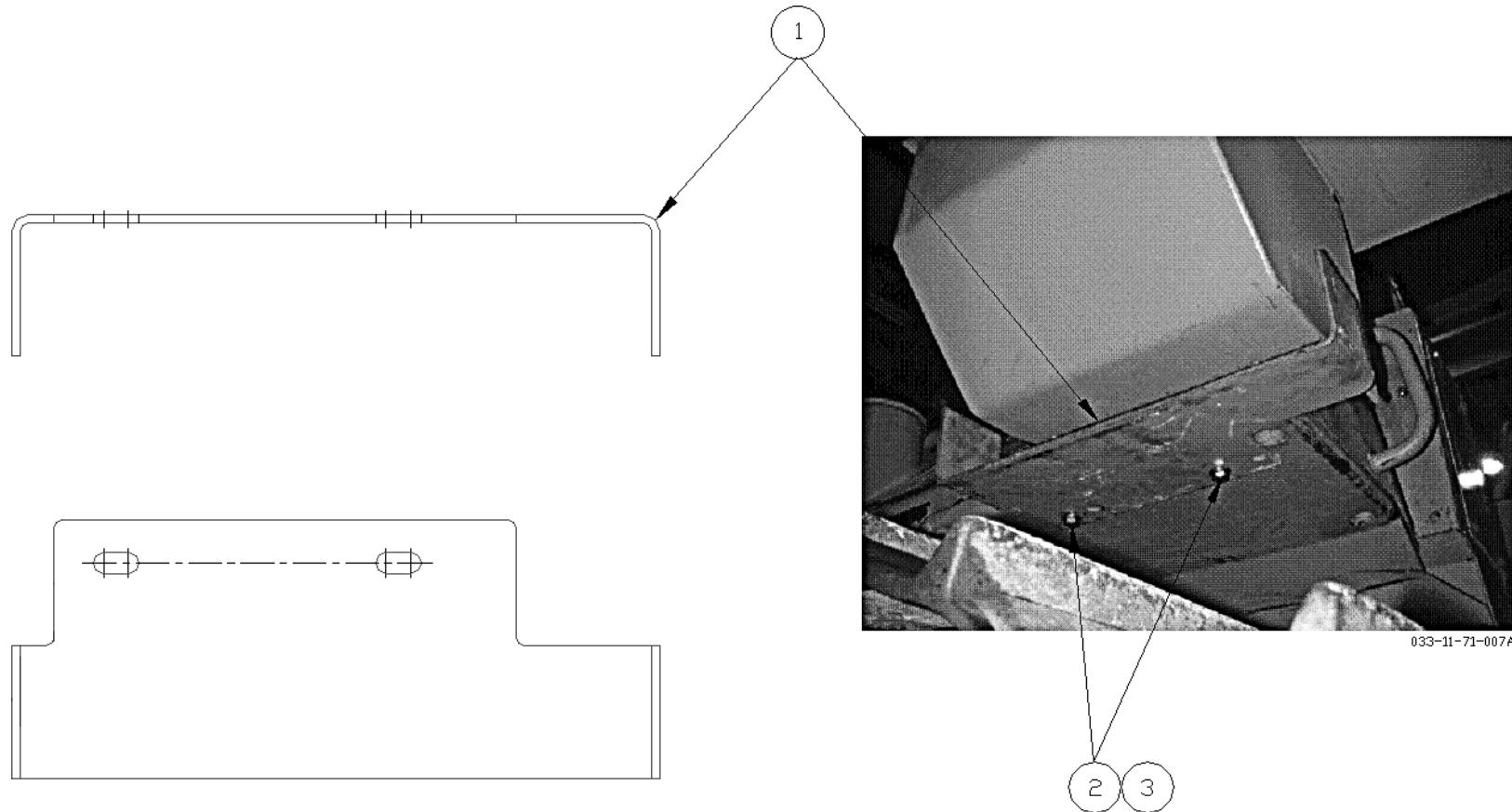
ITEM	QTY	PART NO	DESCRIPTION
1	1	040-30-032	RB - PIN (\varnothing 2.000 x 4.281 LNG) - GREASED
2	2	040-30-033	CUSTOM JAM NUT - 1 1/2" - 12 UNF
3	1	CAT# 3B-8489	1/8 NPT GREASE FITTING
4	1	CAT# 7M-5130	HDW - SPRING PIN 1/4"DIA X 3/4" LG.



ITEM	QTY	PART NO	DESCRIPTION
1	1	032-71-010	PLATE - TRACK FRAME STEP
2	3	038-14-002	AS - HANDRAIL

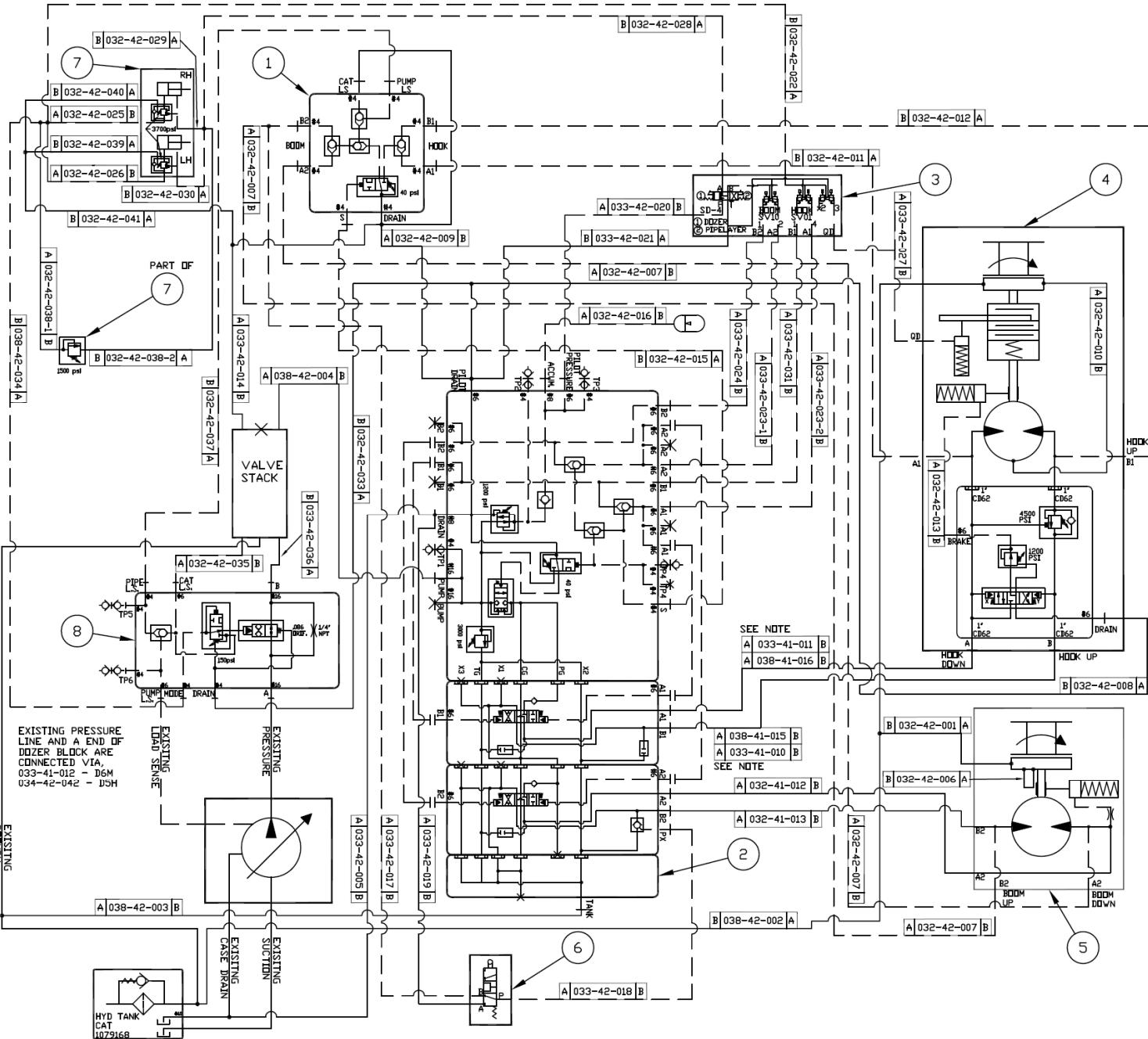


ITEM	QTY	PART NO	DESCRIPTION
1	1	032-71-012	PLATE - BASE
2	2	CAT# 9X-2040	BUTTON HEAD CAP SCREW M10X1.50X25
3	2	CAT# 8T-4121	WASHER - M10 HARD PLATED
4	1	038-14-003	AS - HANDLE

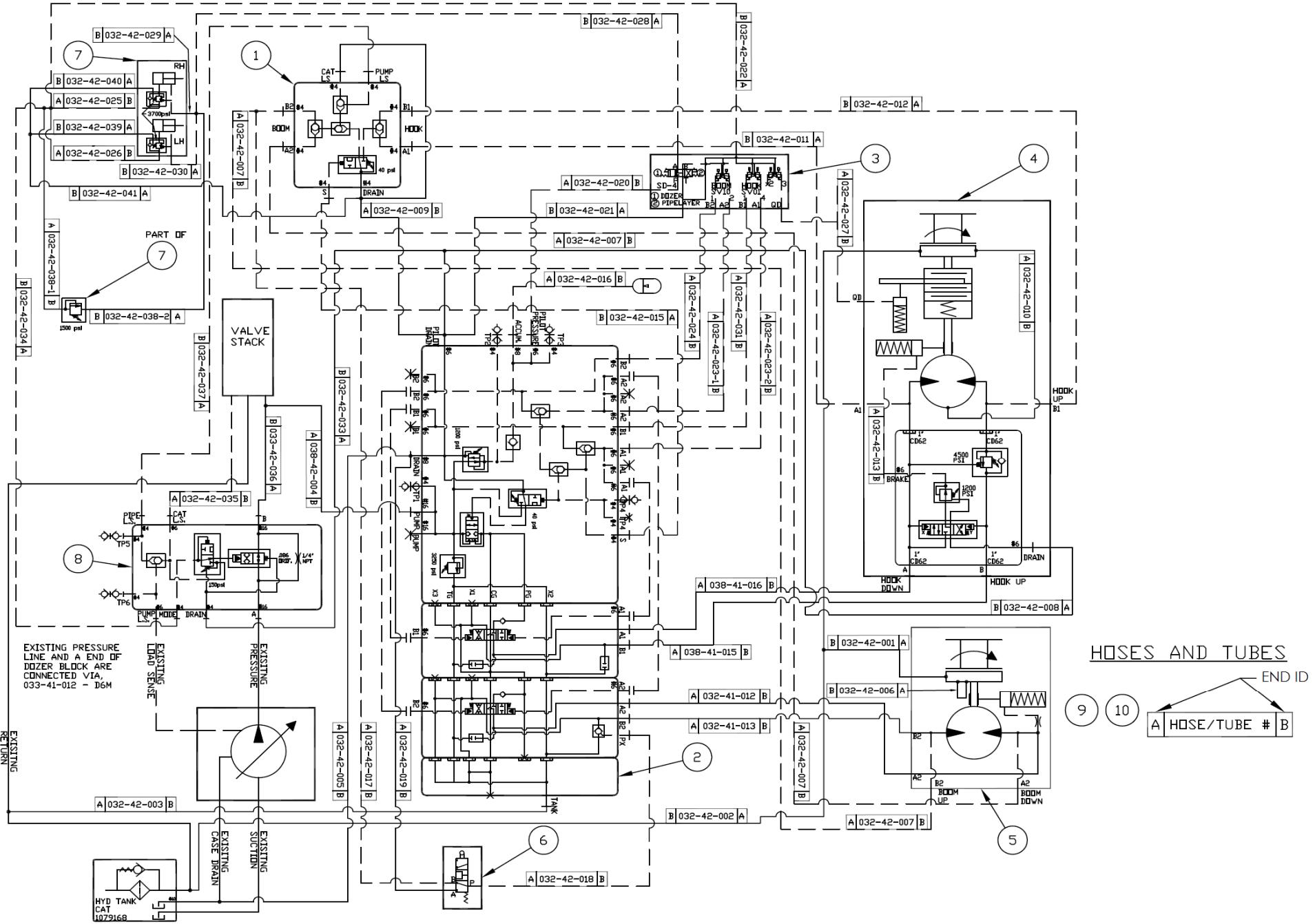


033-11-71-007A

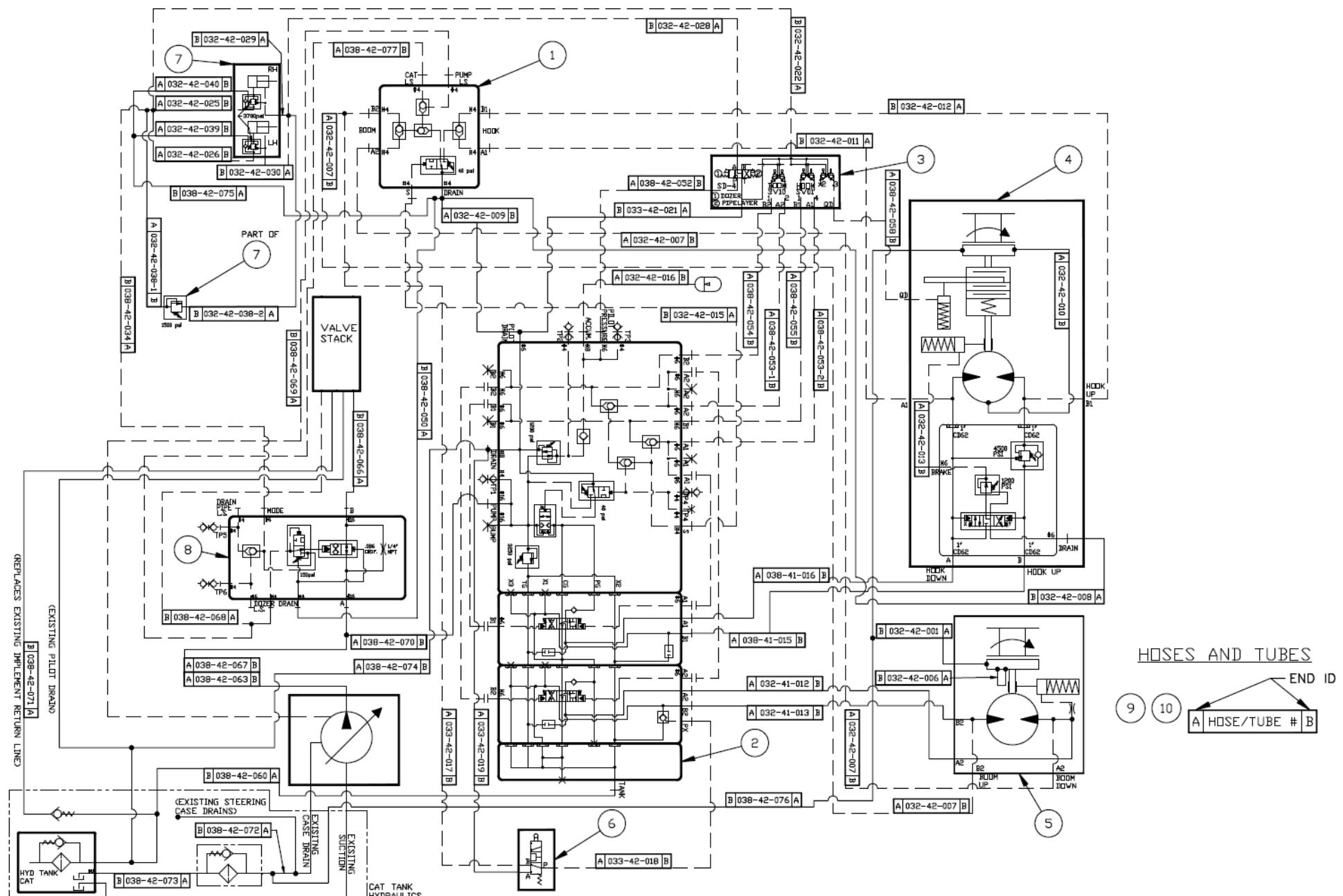
ITEM	QTY	PART NO	DESCRIPTION
1	1	033-11-010	PLT - GAP GUARD
2	2	CAT# 8T-4139	BOLT - HEX HD M12x1.75x30 PLATED
3	2	CAT# 8T-4223	WASHER - M12 HARD PLATED



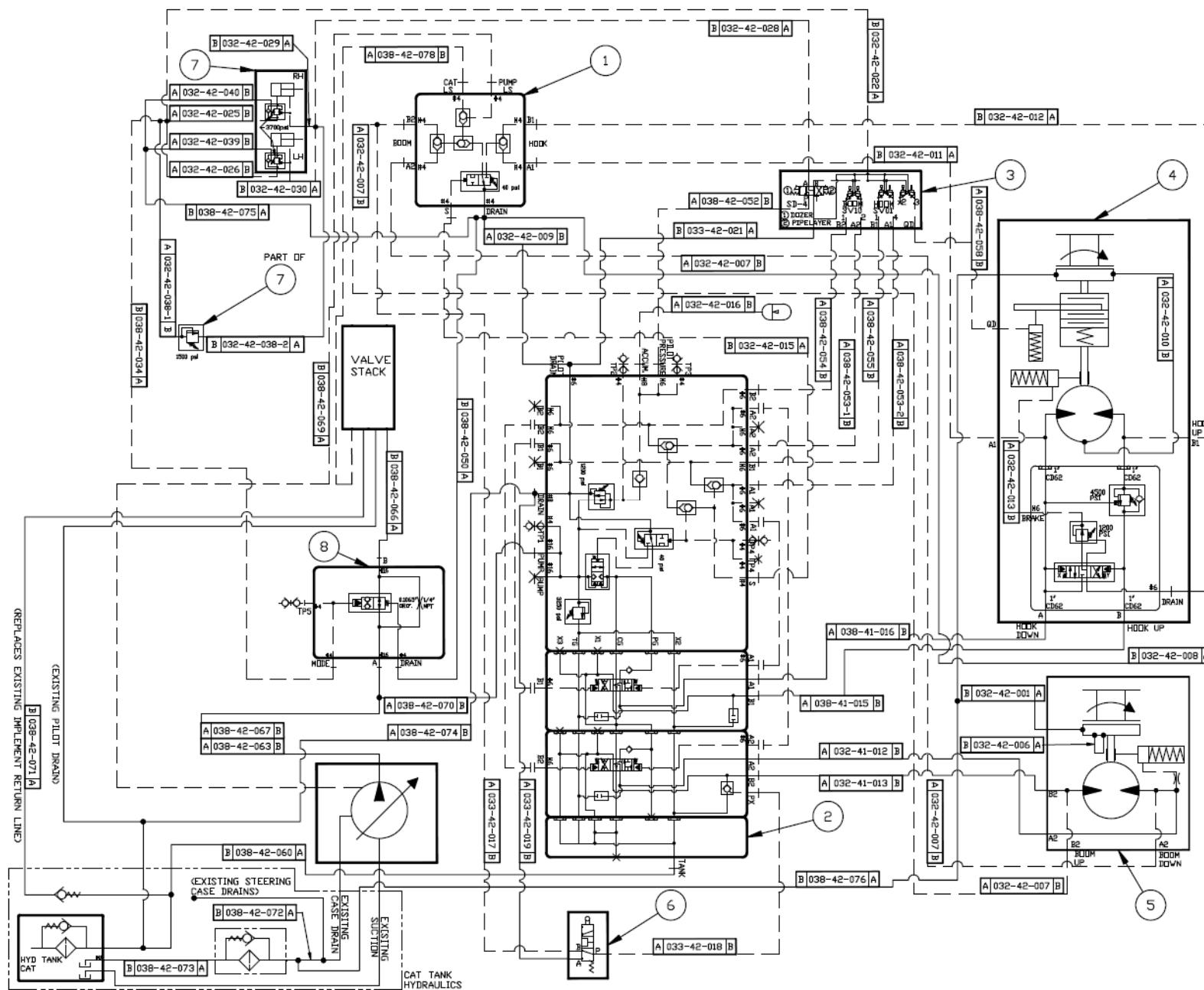
GP - HYDRAULIC SCHEMATIC D6N W/ POWER BEYOND				038-60-000
ITEM	QTY	PART NO	DESCRIPTION	
1	1	032-61-000	GP - LOAD SENSE BLOCK	
2	1	033-62-003	GP - WINCH CONTROL MANIFOLD D6N	
3	1	038-63-001	OPERATOR CONTROLS GROUP	
4	1	033-64-000	LOAD WINCH GROUP	
5	1	032-65-001	BOOM WINCH GROUP	
6	1	032-66-000	BOOM STOP GROUP	
7	1	038-67-001	EQUALIZER BAR LOCKOUT GROUP	
8	1	033-60-005	AS - DOZER BLOCK	
9	1	038-41-001	TUBING GROUP	
	1	032-41-001	TUBING GROUP SN D6N0021-D6N0029	
10	1	038-42-001	HOSE GROUP - POWER BEYOND	



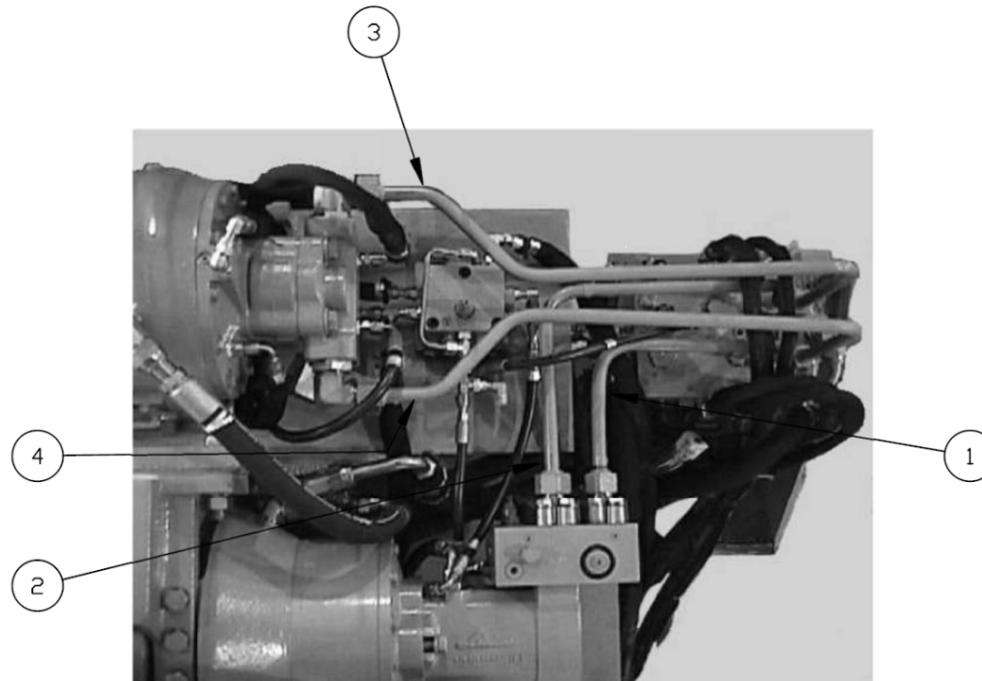
GP - HYDRAULIC SCHEMATIC D6N PILOT SYSTEM				038-60-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	032-61-000	GP - LOAD SENSE BLOCK	
2	1	033-62-003	GP - WINCH CONTROL MANIFOLD D6N	
3	1	038-63-001	OPERATOR CONTROLS GROUP	
4	1	033-64-000	LOAD WINCH GROUP	
5	1	032-65-001	BOOM WINCH GROUP	
6	1	032-66-000	BOOM STOP GROUP	
7	1	038-67-001	EQUALIZER BAR LOCKOUT GROUP	
8	1	038-60-005	AS - DOZER BLOCK	
9	1	038-41-001	TUBING GROUP	
10	1	038-42-002	HOSE GROUP-PILOT SYSTEM	



GP - HYDRAULIC SCHEMATIC D6N PILOT SYSTEM GHS-UP				038-60-009
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-61-001	GP - LOAD SENSE BLOCK	
2	1	033-62-003	GP - WINCH CONTROL MAINFOLD D6N	
3	1	038-63-001	OPERATOR CONTROLS GROUP	
4	1	033-64-000	LOAD WINCH GROUP	
5	1	032-65-001	BOOM WINCH GROUP	
6	1	032-66-000	BOOM STOP GROUP	
7	1	038-67-001	EQUALIZER BAR LOCKOUT GROUP	
8	1	038-60-008	AS - DOZER BLOCK D6N LGP (GHS)	
9	1	038-41-001	TUBING GROUP	
10	1	038-42-003	HOSE GROUP - PILOT SYSTEM	

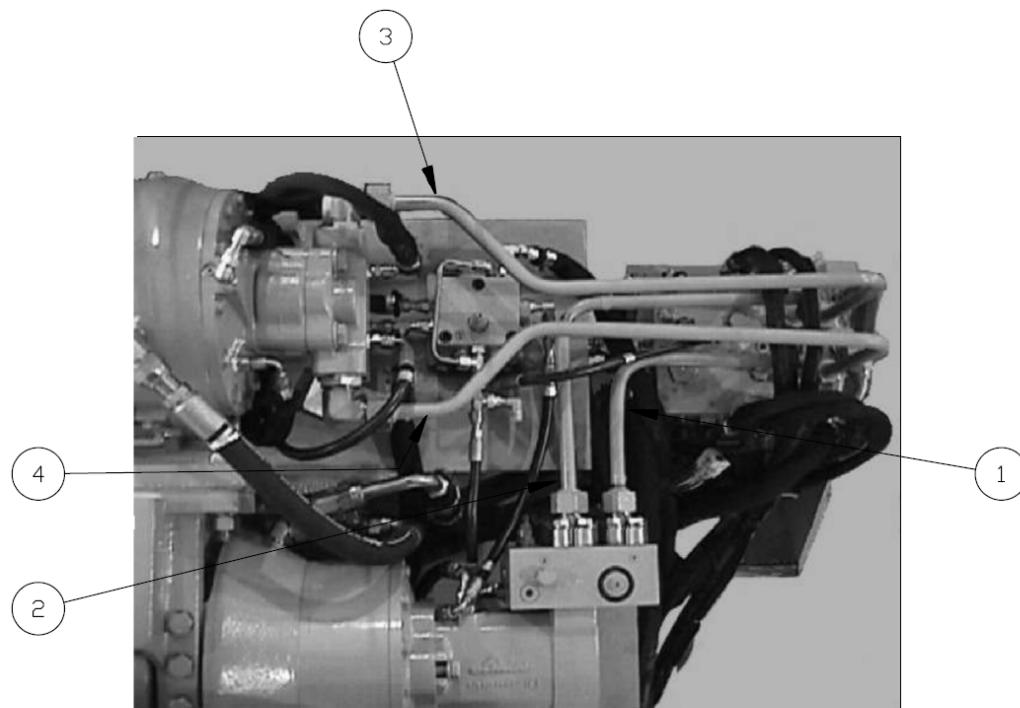


GP - HYDRAULIC SCHEMATIC D6N PILOT SYSTEM GHS-UP				038-60-011
ITEM	QTY	PART NO	DESCRIPTION	
1	1	038-61-001	GP - LOAD SENSE BLOCK	
2	1	038-62-001	GP - WINCH CONTROL MAINFOLD D6N	
3	1	038-63-001	OPERATOR CONTROLS GROUP	
4	1	033-64-000	LOAD WINCH GROUP	
5	1	032-65-001	BOOM WINCH GROUP	
6	1	038-66-018	BOOM STOP GROUP	
7	1	038-67-001	EQUALIZER BAR LOCKOUT GROUP	
8	1	038-60-012	AS - DOZER BLOCK D6N 3GPM IRON	
9	1	038-41-001	TUBING GROUP	
10	1	038-42-100	HOSE GROUP - PILOT SYSTEM	



DRAWING REPLACED BY 038-41-001	
EFFECTIVE FOR SERIAL NUMBERS	
STARTING	ENDING
D5M0043	D5M0050
D5N0021	D5N0022
D6M0021	D6M0022
D6N0021	D6N0029
D4H0043	
D5H0021	
DRAWING REPLACES 032-41-000	

ITEM	QTY	PART NO	DESCRIPTION
1	1	033-41-010	TUBE ASSEMBLY HOOK UP
2	1	033-41-011	TUBE ASSEMBLY HOOK DOWN
3	1	032-41-012	TUBE ASSEMBLY BOOM DOWN
4	1	032-41-013	TUBE ASSEMBLY BOOM UP



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-41-015	TUBE ASSEMBLY HOOK UP
2	1	038-41-016	TUBE ASSEMBLY HOOK DOWN
3	1	032-41-012	TUBE ASSEMBLY BOOM DOWN
4	1	032-41-013	TUBE ASSEMBLY BOOM UP

GP - HOSE CHART		D6N LGP POWER BEYOND - DIFF STEER - HOSE INSTALLATION CHART					038-42-001	
S/N RANGE: 038050010043-UP, 0380050020043-UP, 0380050030043-UP, 0380050040043-UP								
HOSE NO.	A END		B END		HOSE		ASSEMBLED O.A.L	
	FITTING	SIZE	FITTING	SIZE	TYPE	SIZE		
032-42-001	1242121	-12	1242153	-12	1226905	-12	21.625	
038-42-043	1242137	-12	1242154	-12	1226905	-12	79.50	
038-42-044	1242154	-16	1242137	-12	1226905	-12	90	
033-42-045	6V9969	-12	1242137	-12	9S0247	-12	51	
033-42-005	1242117	-8	1242117	-8	1226870	-8	75.25	
032-42-006	1242111	-4	N/A	-4	1226887	-4	26.00	
032-42-007	1242111	-4	N/A	-4	1226887	-4	24.00	
032-42-007	1242111	-4	N/A	-4	1226887	-4	24.00	
032-42-008	1242111	-4	1242140	-4	1226867	-4	10.5	
032-42-009	1242111	-4	1242141	-6	1226867	-4	21.625	
032-42-010	1242147	-8	1242117	-8	1226887	-4	24.625	
032-42-011	N/A	-4	1242111	-4	1226887	-4	17.563	
032-42-012	1242111	-4	1242128	-4	1226887	-4	18.25	
032-42-013	1242111	-4	1242111	-4	1226867	-4	16.375	
033-42-014	1242111	-4	1242128	-4	1226867	-4	70.375	
032-42-015	1242128	-4	1242111	-4	1226867	-4	17.125	
032-42-016	1242144	-6	1242114	-6	1226867	-6	35.25	
033-42-017	1242111	-4	N/A	-4	1226887	-4	167.25	
033-42-018	1242111	-4	N/A	-4	1226887	-4	176.53	
033-42-019	N/A	-6	N/A	-4	1226887	-4	171.00	
038-42-052	1242113	-6	N/A	-4	1226867	-4	93.75	
033-42-021	1242144	-6	1242114	-6	1226869	-6	84.00	
032-42-022	1242111	-4	1242111	-4	1226867	-4	27.375	
038-42-053-1	1242111	-4	1242128	-4	1226867	-4	86.75	
038-42-053-2	1242111	-4	1242128	-4	1226867	-4	86.75	
038-42-054	1242111	-4	1242128	-4	1226867	-4	82.75	
032-42-025	1242111	-4	1242128	-4	1226867	-4	70.00	
032-42-026	1242111	-4	N/A	-4	1226867	-4	89.00	
038-42-058	1242128	-4	1242111	-4	1226867	-4	95.75	
032-42-028	1242111	-4	1242111	-4	1226867	-4	35.5	
032-42-029	1242111	-4	N/A	-4	1226867	-4	69.00	
032-42-030	1242111	-4	1242128	-4	1226867	-4	90.00	
038-42-055	1242128	-4	1242111	-4	1226867	-4	83.25	
038-42-046	1242138	-16	1242166	-16	1226873	-16	45.00	
038-42-050	1242140	-4	1242111	-4	1226887	-4	62.00	
038-42-034	1242111	-4	1242128	-4	1226887	-4	45.00	
038-42-048	N/A	-16	N/A	-16	1650021	-16	41.00	
038-42-051	1242140	-4	1242111	-4	1226887	-4	60.00	
032-42-038-1	1242128	-4	1242111	-4	1226867	-4	24.00	
032-42-038-2	1242128	-4	1242111	-4	1226867	-4	24.00	
032-42-039	1242111	-4	1242111	-4	1226867	-4	92.00	
032-42-040	1242140	-4	1242111	-4	1226867	-4	68.00	
038-42-041	1242111	-4	1242140	-4	1226867	-4	67.50	
038-42-049*	9X7665	-16	9X7665	-16	1650021	-16	45.00	
038-42-056	1242114	-6	1242114	-6	N/A	-6	48.00	
038-42-057	9X7665	-6	9X7665	-6	N/A	-6	35.00	
038-42-063*	1242124	-20	9X7665	-16	1650021	-16	45.00	
038-42-064	1242123	-16	1242123	-16	1226873	-16	68.00	
038-42-065	1242123	-16	1242123	-16	1226873	-16	83.00	

GP - HOSE CHART		D6N LGP POWER BEYOND - DIFF STEER - HOSE INSTALLATION CHART	038-42-001
S/N RANGE: 038050010043-UP, 0380050020043-UP, 0380050030043-UP, 0380050040043-UP			
HOSE NO.	OVERALL LENGTH (INCHES)	PARKER AS #	
032-42-001	21.625	F881JSJ9121212-21.625"	
038-42-043	79.5	F881J1J9121612-79.5" 240°	
038-42-044	90	F881J9J7161212-90" 35°	
033-42-045	51	F351TCJSJ7121212-51"	
033-42-005	75.25	F482TCJSJC888-75.25"	
032-42-006	26	F381JSJ9444-26"	
032-42-007	24	F381JSJ9444-24"	
032-42-008	10.5	F421JSJ9444-10.5"	
032-42-009	21.625	F421JSJ9464-21.625"	
032-42-010	24.625	F421JSJ9888-24.625"	
032-42-011	17.563	F381JSJ9444-17.563"	
032-42-012	18.25	F381JSJ7444-18.25"	
032-42-013	16.375	F381JSJS444-16.375"	
033-42-014	70.375	F482TCJSJ7444-70.375"	
032-42-015	17.125	F421JSJ7444-17.125"	
032-42-016	35.25	F421JSJ9666-35.25"	
033-42-017	167.25	F381JSJ9444-167.25"	
033-42-018	176.53	F381JSJ9444-176.53"	
033-42-019	171	F381JSJ9644-171"	
038-42-052	93.75	F421JCJ9644-93.75"	
033-42-021	84	F421JSJ9666-84"	
032-42-022	27.375	F421JSJS444-27.375"	
038-42-053	86.75	F421JCJ7444-86.75"	
038-42-054	82.75	F421JCJ9444-82.75"	
032-42-025	70	F421JSJ7444-70" PG-050	
032-42-026	89	F421JSJ9444-89" PG-050	
038-42-058	95.75	F421JSJ7444-95.75"	
032-42-028	35.5	F421JSJS444-35.5"	
032-42-029	69	F421JSJ9444-69" PG-050	
032-42-030	90	F421JSJ7444-90" PG-050	
038-42-055	83.25	F421JSJ7444-83.25"	
038-42-046	45	F421J7J1161616-45" 90°	
038-42-050	62	F381J9JC040404-62"	
038-42-034	45	F381JCJ7040404-45"	
038-42-048	41	F77C-J9J9161616-41"-180°	
038-42-051	60	F381J9JC040404-60"	
032-42-038	24	F421JSJ7444-24" PG-050	
032-42-039	92	F421JCJC040404-92" PG-050	
032-42-040	68	F421J9JC040404-68" PG-050	
038-42-041	67.5	F421J9JC040404-67.5" PG-050	
038-42-049	45	F772TC-15J9-161616-45"	
038-42-056	48	F471TCJSJS666-48"	
038-42-057	35	F471TCJSJ9666-35"	
038-42-063	45	F772TC-JSJ9-201616-45"	
038-42-064	68	F482TC-JCJC-161616-68"	
038-42-065	83	F482TC-JCJC-161616-83"	

GP - HOSE CHART		D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART					038-42-002
S/N RANGE: 038050010043-UP, 0380050020043-UP, 0380050030043-UP, 0380050040043-UP							
	A END		B END		HOSE		ASSEMBLED O.A.L
HOSE NO.	FITTING	SIZE	FITTING	SIZE	TYPE	SIZE	
032-42-001	1242121	-12	1242153	-12	1226905	-12	21.625
038-42-061	1242165	-12	N/A	-16	1226905	-12	75.00
038-42-060	1242137	-12	N/A	-16	1226905	-12	61.125
038-42-004	1242122	-16	1242137	-12	1650020	-12	71
033-42-005	1242117	-8	1242117	-8	1226870	-8	75.25
032-42-006	1242111	-4	1242140	-4	1226887	-4	26.00
032-42-007	1242111	-4	1242140	-4	1226887	-4	24.00
032-42-007	1242111	-4	1242140	-4	1226887	-4	24.00
032-42-008	1242111	-4	1242140	-4	1226867	-4	10.5
032-42-009	1242111	-4	1242141	-6	1226867	-4	21.625
032-42-010	1242147	-8	1242117	-8	1226887	-4	24.625
032-42-011	N/A	-4	1242111	-4	1226887	-4	15.563
032-42-012	1242111	-4	1242128	-4	1226887	-4	18.25
032-42-013	1242111	-4	1242111	-4	1226867	-4	16.375
032-42-015	1242128	-4	1242111	-4	1226867	-4	17.125
032-42-016	1242144	-6	1242114	-6	1226867	-6	35.25
033-42-017	1242111	-4	1242140	-4	1226887	-4	167.25
033-42-018	1242111	-4	1242140	-4	1226887	-4	176.53
033-42-019	1242113	-6	1242140	-4	1226887	-4	171.00
038-42-052	1242113	-6	N/A	-4	1226867	-4	93.75
033-42-021	1242144	-6	1242114	-6	1226869	-6	84.00
032-42-022	1242111	-4	1242111	-4	1226867	-4	27.375
038-42-053-1	1242111	-4	1242128	-4	1226867	-4	86.75
038-42-053-2	1242111	-4	1242128	-4	1226867	-4	86.75
038-42-054	1242111	-4	1242128	-4	1226867	-4	82.75
032-42-025	1242111	-4	1242128	-4	1226867	-4	70.00
032-42-026	1242111	-4	N/A	-4	1226867	-4	89.00
038-42-058	1242111	-4	1242128	-4	1226867	-4	95.75
032-42-028	1242111	-4	1242111	-4	1226867	-4	35.5
032-42-029	1242111	-4	N/A	-4	1226867	-4	69.00
032-42-030	1242111	-4	1242128	-4	1226867	-4	90.00
038-42-055	1242111	-4	1242128	-4	1226867	-4	83.75
038-42-062	1242155	-16	N/A	-12	1226873	-16	50.00
038-42-050	1242140	-4	1242111	-4	1226887	-4	62
038-42-034	1242111	-4	1242128	-4	1226887	-4	45.00
038-42-036	1242155	-16	1242123	-16	1650021	-16	56.00
038-42-051	1242140	-4	1242111	-4	1226887	-4	60.00
032-42-038-1	1242128	-4	1242111	-4	1226867	-4	24.00
032-42-038-2	1242128	-4	1242111	-4	1226867	-4	24.00
032-42-039	1242111	-4	1242111	-4	1226867	-4	92.00
032-42-040	1242140	-4	1242111	-4	1226867	-4	68.00
038-42-041	1242111	-4	1242140	-4	1226867	-4	67.50
038-42-049*	9X7665	-16	9X7665	-16	1650021	-16	18.00
038-42-056/068	1242114	-6	1242114	-6	N/A	-6	48.00
038-42-057	9X7665	-6	9X7665	-6	N/A	-6	35.00
038-42-063*	1242124	-20	9X7665	-16	1650021	-16	45.00

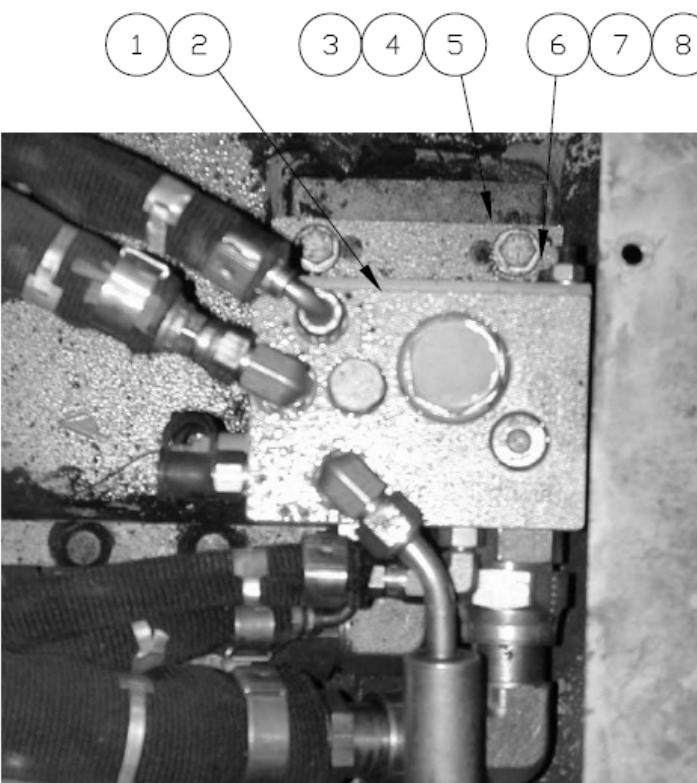
GP - HOSE CHART		D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART	038-42-002
S/N RANGE: 038050010043-UP, 0380050020043-UP, 0380050030043-UP, 0380050040043-UP			
HOSE NO.	OVERALL LENGTH (INCHES)	PARKER AS #	
032-42-001	21.625	F881JSJ9121212-21.625"	
038-42-061	75	F881J1J7121612-75"145°	
038-42-060	62	F881J7JC121612-62"	
038-42-004	71	F351TCJSJ7161212-71"	
033-42-005	75.25	F421JSJ9888-75.25"	
032-42-006	26	F381JSJ9444-26"	
032-42-007	24	F381JSJ9444-24"	
032-42-008	10.5	F421JSJ9444-10.5"	
032-42-009	21.625	F421JSJ9464-21.625"	
032-42-010	24.625	F421JSJ9888-24.625"	
032-42-011	17.563	F381JSJ9444-17.563"	
032-42-012	18.25	F381JSJ7444-18.25"	
032-42-013	16.375	F381JSJS444-16.375"	
032-42-015	17.125	F421JSJ7444-17.125"	
032-42-016	35.25	F421JSJ9666-35.25"	
033-42-017	167.25	F381JSJ9444-167.25"	
033-42-018	176.53	F381JSJ9444-176.53"	
033-42-019	171	F381JSJ9644-171"	
038-42-052	93.75	F421JCJ9644-93.75"	
033-42-021	84	F421JSJ9666-84"	
032-42-022	27.375	F421JSJS444-27.375"	
038-42-053	86.75	F421JCJ7444-86.75"	
038-42-054	82.75	F421JCJ9444-82.75"	
032-42-025	70	F421JSJ7444-70" PG-050	
032-42-026	89	F421JSJ9444-89" PG-050	
038-42-058	95.75	F421JSJ7444-95.75"	
032-42-028	35.5	F421JSJS444-35.5"	
032-42-029	69	F421JSJ9444-69" PG-050	
032-42-030	90	F421JSJ7444-90" PG-050	
038-42-055	83.75	F421JSJ7444-83.75"	
038-42-062	50	F451TCJ9J7161216-50"-0°	
038-42-050	62	F381J9JC040404-62"	
038-42-034	45	F381JCJ7040404-45"	
038-42-036	56	F772TC-J9JC161616-56"	
038-42-051	60	F381J9JC040404-60"	
032-42-038	24	F421JSJ7444-24" PG-050	
032-42-039	92	F421JCJC040404-92" PG-050	
032-42-040	68	F421J9JC040404-68" PG-050	
038-42-041	67.5	F421J9JC040404-67.5" PG-050	
038-42-049	45	F77C-15JS161616-45"	
038-42-056/068	48	F471TCJSJS666-48"	
038-42-057	35	F471TCJSJ9666-35"	
038-42-063	45	F77C-15JSJ9201616-45"	

GP - HOSE CHART		D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART (FLY BY WIRE MACHINES ONLY)					038-42-003	
GHS1-UP, PBA1-UP : S/N RANGE: 038050010043-UP, 0380050020043-UP, 0380050030043-UP, 0380050040043-UP								
	A END		B END		HOSE		ASSEMBLED O.A.L	
HOSE NO.	FITTING	SIZE	FITTING	SIZE	TYPE	SIZE		
032-42-001	1242121	-12	1242153	-12	1226905	-12	21.625	
038-42-076	1242165	-12	N/A	-12	1226905	-12	145.25	
038-42-060	1242137	-12	N/A	-16	1226905	-12	61.125	
038-42-070	N/A	-12	1242137	-12	1650020	-12	47	
038-42-074	1242147	-8	N/A	-6	1226870	-8	74	
032-42-006	1242111	-4	1242140	-4	1226887	-4	26.00	
032-42-007	1242111	-4	1242140	-4	1226887	-4	24.00	
032-42-007	1242111	-4	1242140	-4	1226887	-4	24.00	
032-42-008	1242111	-4	1242140	-4	1226867	-4	10.5	
032-42-009	1242111	-4	1242141	-6	1226867	-4	21.625	
032-42-010	1242147	-8	1242117	-8	1226887	-4	24.625	
032-42-011	N/A	-4	1242111	-4	1226887	-4	15.563	
032-42-012	1242111	-4	1242128	-4	1226887	-4	18.25	
032-42-013	1242111	-4	1242111	-4	1226867	-4	16.375	
032-42-015	1242128	-4	1242111	-4	1226867	-4	17.125	
032-42-016	1242144	-6	1242114	-6	1226867	-6	35.25	
033-42-017	1242111	-4	1242140	-4	1226887	-4	167.25	
033-42-018	1242111	-4	1242140	-4	1226887	-4	176.53	
033-42-019	1242113	-6	1242140	-4	1226887	-4	171.00	
038-42-052	1242113	-6	N/A	-4	1226867	-4	93.75	
033-42-021	1242144	-6	1242114	-6	1226869	-6	84.00	
032-42-022	1242111	-4	1242111	-4	1226867	-4	27.375	
038-42-053-1	1242111	-4	1242128	-4	1226867	-4	86.75	
038-42-053-2	1242111	-4	1242128	-4	1226867	-4	86.75	
038-42-054	1242111	-4	1242128	-4	1226867	-4	82.75	
032-42-025	1242111	-4	1242128	-4	1226867	-4	70.00	
032-42-026	1242111	-4	N/A	-4	1226867	-4	89.00	
038-42-058	1242111	-4	1242128	-4	1226867	-4	95.75	
032-42-028	1242111	-4	1242111	-4	1226867	-4	35.5	
032-42-029	1242111	-4	N/A	-4	1226867	-4	69.00	
032-42-030	1242111	-4	1242128	-4	1226867	-4	90.00	
038-42-055	1242111	-4	1242128	-4	1226867	-4	83.75	
038-42-071	N/A	-16	N/A	-12	N/A	-12	32.00	
038-42-050	1242140	-4	1242111	-4	1226887	-4	62	
038-42-034	1242111	-4	1242128	-4	1226887	-4	49	
038-42-066	N/A	-12	N/A	-12	N/A	-12	45.00	
032-42-038-1	1242128	-4	1242111	-4	1226867	-4	24.00	
032-42-038-2	1242128	-4	1242111	-4	1226867	-4	24.00	
032-42-039	1242111	-4	1242111	-4	1226867	-4	92.00	
032-42-040	1242140	-4	1242111	-4	1226867	-4	68.00	
038-42-075	1242111	-4	1242140	-4	N/A	-4	79.00	
038-42-067	N/A	-16	N/A	-12	N/A	-12	66.50	
038-42-068	1242128	-4	1242111	4	N/A	-4	37.50	
038-42-069	1242140	-4	1242111	-4	N/A	-4	133.00	
038-42-063*	1242124	-20	9X7665	-16	1650021	-16	45.00	
038-42-072	9X3760	-12	9X3760	-12	1226905	-12	28.25	
038-42-073	124-2157	-20	1242125	-20	1226907	-20	85.25	
038-42-077	1242140	-4	1242111	-4	N/A	-4	56.00	

GP - HOSE CHART		D6N LGP PILOT SYSTEM-DIFF STEER - HOSE INSTALLATION CHART (FLY BY WIRE MACHINES ONLY)	038-42-003
GHS1-UP, PBA1-UP : S/N RANGE: 038050010043-UP, 0380050020043-UP, 0380050030043-UP, 0380050040043-UP			
HOSE NO.	OVERALL LENGTH (INCHES)	PARKER AS #	
032-42-001	21.625	F881JSJ9121212-21.625"	
038-42-076	145.25	F881J1JC121212-145.25"	
038-42-060	62	F881J7JC121612-62"	
038-42-070	47	F351TCJCJ7121212-47"	
038-42-074	74	F421J9JS868-74"	
032-42-006	26	F381JSJ9444-26"	
032-42-007	24	F381JSJ9444-24"	
032-42-008	10.5	F421JSJ9444-10.5"	
032-42-009	21.625	F421JSJ9464-21.625"	
032-42-010	24.625	F421JSJ9888-24.625"	
032-42-011	17.563	F381JSJ9444-17.563"	
032-42-012	18.25	F381JSJ7444-18.25"	
032-42-013	16.375	F381JSJS444-16.375"	
032-42-015	17.125	F421JSJ7444-17.125"	
032-42-016	35.25	F421JSJ9666-35.25"	
033-42-017	167.25	F381JSJ9444-167.25"	
033-42-018	176.53	F381JSJ9444-176.53"	
033-42-019	171	F381JSJ9644-171"	
038-42-052	93.75	F421JCJ9644-93.75"	
033-42-021	84	F421JSJ9666-84"	
032-42-022	27.375	F421JSJS444-27.375"	
038-42-053	86.75	F421JCJ7444-86.75"	
038-42-054	82.75	F421JCJ9444-82.75"	
032-42-025	70	F421JSJ7444-70" PG-050	
032-42-026	89	F421JSJ9444-89" PG-050	
038-42-058	95.75	F421JSJ7444-95.75"	
032-42-028	35.5	F421JSJS444-35.5"	
032-42-029	69	F421JSJ9444-69" PG-050	
032-42-030	90	F421JSJ7444-90" PG-050	
038-42-055	83.75	F421JSJ7444-83.75"	
038-42-071	32	F471TCJ9JC121612-32"	
038-42-050	62	F381J9JC040404-62"	
038-42-034	49	F381JCJ7040404-49"	
038-42-066	45	F351TC-JSJ7121212-45"	
032-42-038	24	F421JSJ7444-24" PG-050	
032-42-039	92	F421JCJC040404-92" PG-050	
032-42-040	68	F421J9JC040404-68" PG-050	
038-42-075	79	F471TC-JCJ9444-79"	
038-42-067	66.5	F351TC-19JS161212-66.5"	
038-42-068	37.5	F471TCJ7JC444-37.5"	
038-42-069	133	F471TCJ9JC444-133"	
038-42-063	45	F77C-15JSJ9201616-45"	
038-42-072	28.25	F881JCJC121212-28.25"	
038-42-073	85.25	F881JCJ9202020-85.25"	
038-42-077	56	F471TCJ9JC444-56"	

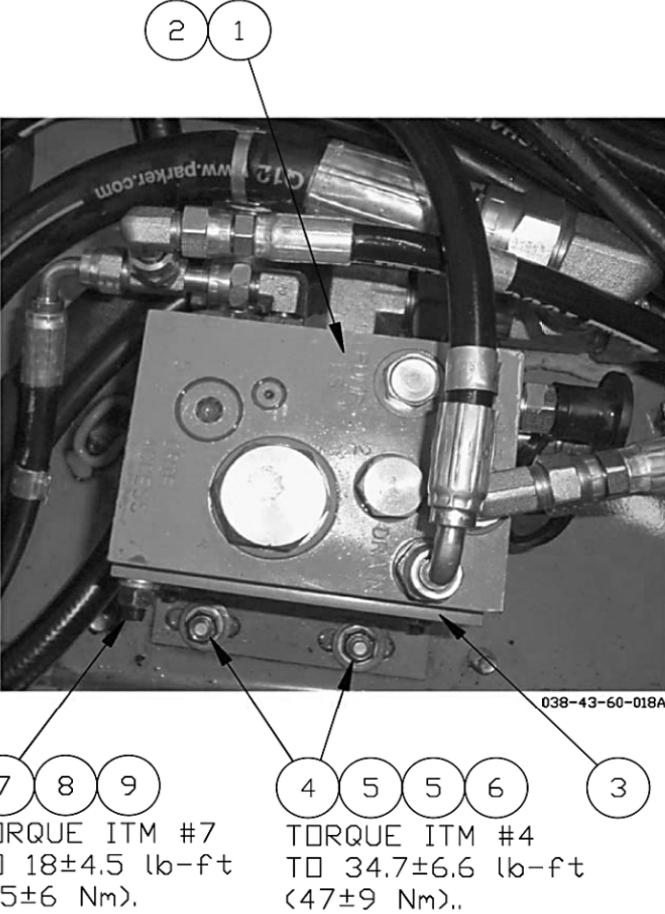
GP - HOSE CHART		D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART (FLY BY WIRE MACHINES ONLY)					038-42-100	
GHS1-UP, PBA1-UP : S/N RANGE: 038050090021-UP								
HOSE NO.	A END		B END		HOSE		ASSEMBLED O.A.L	
	FITTING	SIZE	FITTING	SIZE	TYPE	SIZE		
032-42-001	1242121	-12	1242153	-12	1226905	-12	21.625	
038-42-076	1242165	-12	N/A	-12	1226905	-12	145.25	
038-42-060	1242137	-12	N/A	-16	1226905	-12	61.125	
038-42-070	N/A	-12	1242137	-12	1650020	-12	47	
038-42-074	1242147	-8	N/A	-6	1226870	-8	74	
032-42-006	1242111	-4	1242140	-4	1226887	-4	26.00	
032-42-007	1242111	-4	1242140	-4	1226887	-4	24.00	
032-42-008	1242111	-4	1242140	-4	1226867	-4	10.5	
032-42-009	1242111	-4	1242141	-6	1226867	-4	21.625	
032-42-010	1242147	-8	1242117	-8	1226887	-4	24.625	
032-42-011	N/A	-4	1242111	-4	1226887	-4	15.563	
032-42-012	1242111	-4	1242128	-4	1226887	-4	18.25	
032-42-013	1242111	-4	1242111	-4	1226867	-4	16.375	
032-42-015	1242128	-4	1242111	-4	1226867	-4	17.125	
032-42-016	1242144	-6	1242114	-6	1226867	-6	35.25	
033-42-017	1242111	-4	1242140	-4	1226887	-4	167.25	
038-42-052	1242113	-6	N/A	-4	1226867	-4	93.75	
033-42-021	1242144	-6	1242114	-6	1226869	-6	84.00	
032-42-022	1242111	-4	1242111	-4	1226867	-4	27.375	
038-42-053-1	1242111	-4	1242128	-4	1226867	-4	86.75	
038-42-053-2	1242111	-4	1242128	-4	1226867	-4	86.75	
038-42-054	1242111	-4	1242128	-4	1226867	-4	82.75	
032-42-025	1242111	-4	1242128	-4	1226867	-4	70.00	
032-42-026	1242111	-4	N/A	-4	1226867	-4	89.00	
038-42-058	1242111	-4	1242128	-4	1226867	-4	95.75	
032-42-028	1242111	-4	1242111	-4	1226867	-4	35.5	
032-42-029	1242111	-4	N/A	-4	1226867	-4	69.00	
032-42-030	1242111	-4	1242128	-4	1226867	-4	90.00	
038-42-055	1242111	-4	1242128	-4	1226867	-4	83.75	
038-42-071	N/A	-16	N/A	-12	N/A	-12	32.00	
038-42-050	1242140	-4	1242111	-4	1226887	-4	62	
038-42-034	1242111	-4	1242128	-4	1226887	-4	49	
038-42-066	N/A	-12	N/A	-12	N/A	-12	45.00	
032-42-038-1	1242128	-4	1242111	-4	1226867	-4	24.00	
032-42-038-2	1242128	-4	1242111	-4	1226867	-4	24.00	
032-42-039	1242111	-4	1242111	-4	1226867	-4	92.00	
032-42-040	1242140	-4	1242111	-4	1226867	-4	68.00	
038-42-075	1242111	-4	1242140	-4	N/A	-4	79.00	
038-42-067	N/A	-16	N/A	-12	N/A	-12	66.50	
038-42-069	1242140	-4	1242111	-4	N/A	-4	133.00	
038-42-063*	1242124	-20	9X7665	-16	1650021	-16	45.00	
038-42-072	9X3760	-12	9X3760	-12	1226905	-12	28.25	
038-42-073	124-2157	-20	1242125	-20	1226907	-20	85.25	
038-42-078	1242128	-4	1242111	-4	N/A	-4	98.50	
038-42-079	1242117	-8	1242147	-8	1226890	-8	176.53	
038-42-080	1242117	-8	1242147	-8	1226890	-8	171.00	

GP - HOSE CHART		D6N LGP PILOT SYSTEM - DIFF STEER - HOSE INSTALLATION CHART (FLY BY WIRE MACHINES ONLY)	038-42-100
GHS1-UP, PBA1-UP : S/N RANGE: 038050090021-UP			
HOSE NO.	OVERALL LENGTH (INCHES)	PARKER AS #	
032-42-001	21.625	F881JSJ9121212-21.625"	
038-42-076	145.25	F881J1JC121212-145.25"	
038-42-060	62	F881J7JC121612-62"	
038-42-070	47	F351TCJCJ7121212-47"	
038-42-074	74	F421J9JS868-74"	
032-42-006	26	F381JSJ9444-26"	
032-42-007	24	F381JSJ9444-24"	
032-42-008	10.5	F421JSJ9444-10.5"	
032-42-009	21.625	F421JSJ9464-21.625"	
032-42-010	24.625	F421JSJ9888-24.625"	
032-42-011	17.563	F381JSJ9444-17.563"	
032-42-012	18.25	F381JSJ7444-18.25"	
032-42-013	16.375	F381JSJS444-16.375"	
032-42-015	17.125	F421JSJ7444-17.125"	
032-42-016	35.25	F421JSJ9666-35.25"	
033-42-017	167.25	F381JSJ9444-167.25"	
038-42-052	93.75	F421JCJ9644-93.75"	
033-42-021	84	F421JSJ9666-84"	
032-42-022	27.375	F421JSJS444-27.375"	
038-42-053	86.75	F421JCJ7444-86.75"	
038-42-054	82.75	F421JCJ9444-82.75"	
032-42-025	70	F421JSJ7444-70" PG-050	
032-42-026	89	F421JSJ9444-89" PG-050	
038-42-058	95.75	F421JSJ7444-95.75"	
032-42-028	35.5	F421JSJS444-35.5"	
032-42-029	69	F421JSJ9444-69" PG-050	
032-42-030	90	F421JSJ7444-90" PG-050	
038-42-055	83.75	F421JSJ7444-83.75"	
038-42-071	32	F471TCJ9JC121612-32"	
038-42-050	62	F381J9JC040404-62"	
038-42-034	49	F381JCJ7040404-49"	
038-42-066	45	F351TC-JSJ7121212-45"	
032-42-038	24	F421JSJ7444-24" PG-050	
032-42-039	92	F421JCJC040404-92" PG-050	
032-42-040	68	F421J9JC040404-68" PG-050	
038-42-075	79	F471TC-JCJ9444-79"	
038-42-067	66.5	F351TC-19JS161212-66.5"	
038-42-069	133	F471TCJ9JC444-133"	
038-42-063	45	F77C-15JSJ9201616-45"	
038-42-072	28.25	F881JCJC121212-28.25"	
038-42-073	85.25	F881JCJ9202020-85.25"	
038-42-078	98.5	F471TCJ7JC444-98.5"	
038-42-079	176.53	F381JSJ9888-176.53"	
038-42-080	171	F381JSJ9888-171"	

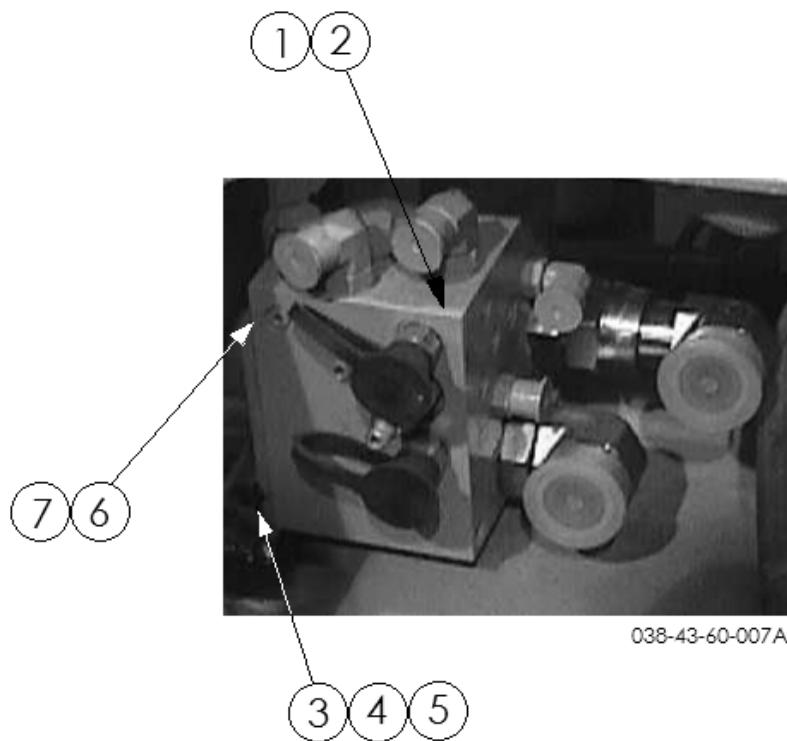
AS - DOZER BLOCK	AS - DOZER BLOCK - D6M 3 GPM DUCTILE IRON	033-60-005
<p>MOUNTED UNDER OPERATOR'S SEAT</p> 	 ITEM 9 NOT SHOWN	

033-60-71-015A

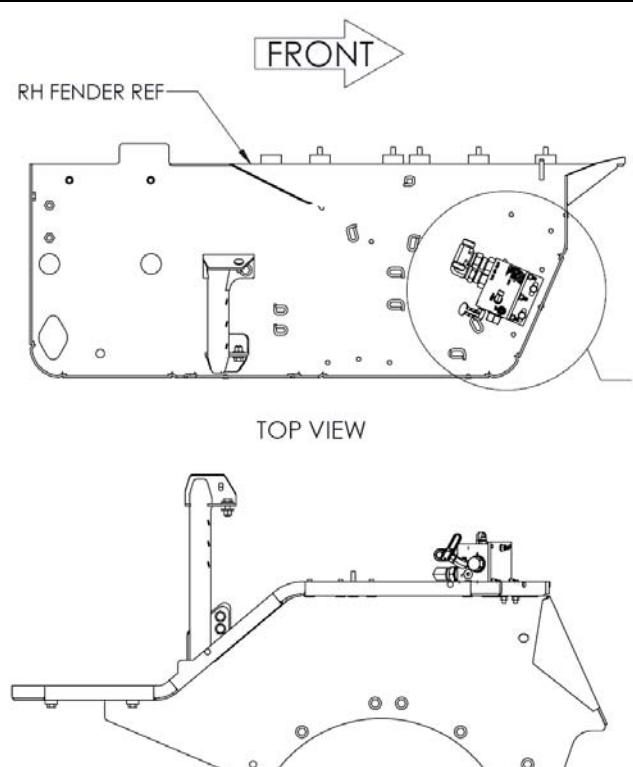
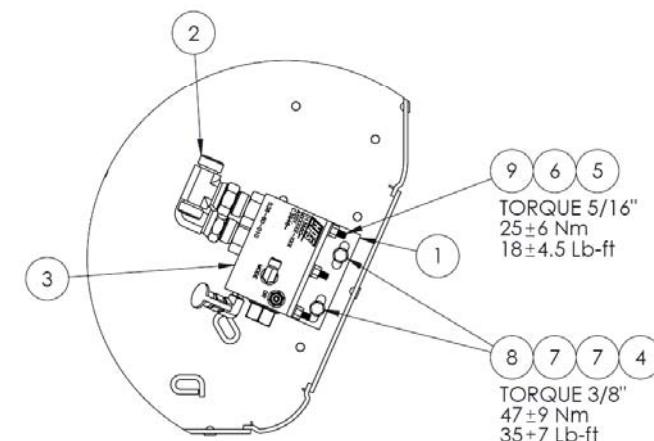
ITEM	QTY	PART NO	DESCRIPTION
1	1	033-60-006	FC - DOZER BLOCK MANF
2	1	033-43-014	FITTINGS KIT - DOZER BLOCK
3	1	032-60-006	PLT - DOZER BLOCK BRKT
4	2	CAT# 8T-4195	HEX HD BOLT M10X1.50X30MM
5	2	CAT# 8T-4121	FLAT HARD WSHER M10
6	3	CAT# 3B-7614	HEX SOC HD BOLTS 3/8-16 X 4 INCH
7	6	CAT# 5M-2894	WASHER 3/8-INCH FLAT HARDENED
8	3	CAT# 9S-8752	NUT 3/8-16 INCH HARDENED
9	1	033-43-001	FITTINGS GP-D6M LGP

AS - DOZER BLOCK	AS - DOZER BLOCK - D6N LGP (GHS) 3 GPM DUCTILE IRON	038-60-008																																						
 <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>S/N RANGE 038050080021 - UP SEE 038-60-012 FOR S/N RANGE 038050090021 – UP</p> </div> <table border="1" data-bbox="82 1117 2042 1550"> <thead> <tr> <th>ITEM</th><th>QTY</th><th>PART NO</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>1</td><td>1</td><td>038-60-007</td><td>FC - DOZER BLOCK MANF MODDED</td></tr> <tr> <td>2</td><td>1</td><td>038-43-016</td><td>FITTINGS KIT - DOZER BLOCK</td></tr> <tr> <td>3</td><td>1</td><td>032-60-006</td><td>PLT - DOZER BLOCK BRKT</td></tr> <tr> <td>4</td><td>2</td><td>CAT# 9B-7237</td><td>HDW - BOLT-3/8-16UNCX1.25 HEX</td></tr> <tr> <td>5</td><td>4</td><td>CAT# 8T-4896</td><td>WASHER 3/8-IN - FLAT HARD</td></tr> <tr> <td>6</td><td>2</td><td>CAT# 2K-4973</td><td>HDW - LOCK NUT 3/8"</td></tr> <tr> <td>7</td><td>3</td><td>MCC# 90128A599</td><td>HDW - BOLT - SHCS 5/16-18 X 4"</td></tr> <tr> <td>8</td><td>3</td><td>CAT# 8T-4224</td><td>WASHER 5/16 HARD, PLATED</td></tr> <tr> <td>9</td><td>3</td><td>CAT# 3E-9860</td><td>HDW - LOCKNUT - 5/16-18</td></tr> </tbody> </table>	ITEM	QTY	PART NO	DESCRIPTION	1	1	038-60-007	FC - DOZER BLOCK MANF MODDED	2	1	038-43-016	FITTINGS KIT - DOZER BLOCK	3	1	032-60-006	PLT - DOZER BLOCK BRKT	4	2	CAT# 9B-7237	HDW - BOLT-3/8-16UNCX1.25 HEX	5	4	CAT# 8T-4896	WASHER 3/8-IN - FLAT HARD	6	2	CAT# 2K-4973	HDW - LOCK NUT 3/8"	7	3	MCC# 90128A599	HDW - BOLT - SHCS 5/16-18 X 4"	8	3	CAT# 8T-4224	WASHER 5/16 HARD, PLATED	9	3	CAT# 3E-9860	HDW - LOCKNUT - 5/16-18
ITEM	QTY	PART NO	DESCRIPTION																																					
1	1	038-60-007	FC - DOZER BLOCK MANF MODDED																																					
2	1	038-43-016	FITTINGS KIT - DOZER BLOCK																																					
3	1	032-60-006	PLT - DOZER BLOCK BRKT																																					
4	2	CAT# 9B-7237	HDW - BOLT-3/8-16UNCX1.25 HEX																																					
5	4	CAT# 8T-4896	WASHER 3/8-IN - FLAT HARD																																					
6	2	CAT# 2K-4973	HDW - LOCK NUT 3/8"																																					
7	3	MCC# 90128A599	HDW - BOLT - SHCS 5/16-18 X 4"																																					
8	3	CAT# 8T-4224	WASHER 5/16 HARD, PLATED																																					
9	3	CAT# 3E-9860	HDW - LOCKNUT - 5/16-18																																					

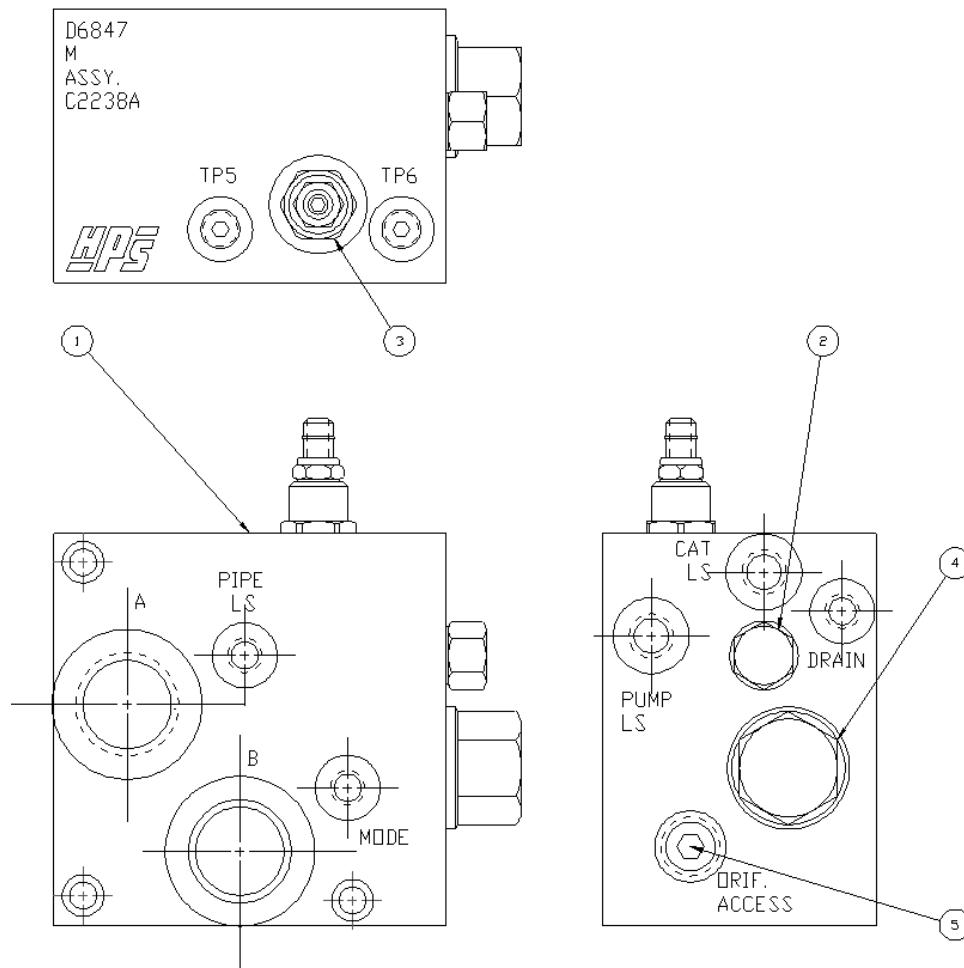
AS - DOZER BLOCK	AS - DOZER BLOCK - D6N LGP 3 GPM DUCTILE IRON	038-60-005
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ITEM	QTY	PART NO	DESCRIPTION
1	1	033-60-006	FC - DOZER BLOCK MANF MODDED
2	1	038-43-014	FITTINGS KIT - DOZER BLOCK
3	1	038-60-006	PLT - DOZER BLOCK BRKT
4	2	CAT# 8T-4195	HEX HD BOLT M10X1.50X30MM
5	2	CAT# 8T-4121	FLAT HAD WASHER M10
6	3	CAT# 7X-0278	SH BOLTS 5/16"X4"
7	3	CAT# 8T-4224	WASHER 5/16 HARD, PLATED
8	3	CAT# 9S-8752	NUT 3/8-16 INCH HARDENED
9	1	038-43-001	GP - HYD MODIFICATION KIT

AS - DOZER BLOCK	AS - DOZER BLOCK D6N 3GPM IRON	038-60-012
 <p>FRONT RH FENDER REF TOP VIEW</p>	<p>S/N RANGE: 038050090021-UP SEE 038-60-008 FOR S/N RANGE 038050080021 – UP</p>	 <p>DETAIL A</p> <p>1 2 3 4 5 6 7 8 9</p> <p>TORQUE 5/16" 25±6 Nm 18±4.5 Lb·ft</p> <p>TORQUE 3/8" 47±9 Nm 35±7 Lb·ft</p>

ITEM	QTY	PART NO	DESCRIPTION
1	1	032-60-006	PLT - DOZER BLOCK BRKT
2	1	038-43-018	AS - FITTINGS KIT - DOZER BLOCK
3	1	038-60-010	FC - DOZER BLOCK MANF
4	2	CAT# 2K-4973	HDW - LOCK NUT 3/8"
5	3	CAT# 3E-9860	HDW - LOCKNUT - 5/16-18
6	3	CAT# 8T-4224	WASHER 5/16 HARD, PLATED
7	4	CAT# 8T-4896	WASHER 3/8-IN - FLAT HARD
8	2	CAT# 9B-7237	HDW - BOLT-3/8-16UNCX1.25 HEX
9	3	MCC# 90128A599	HDW - ZINC PLATED ALLOY STEEL SOCKET HEAD CAP SCREW - 5/16-18 THD X 4" LNG

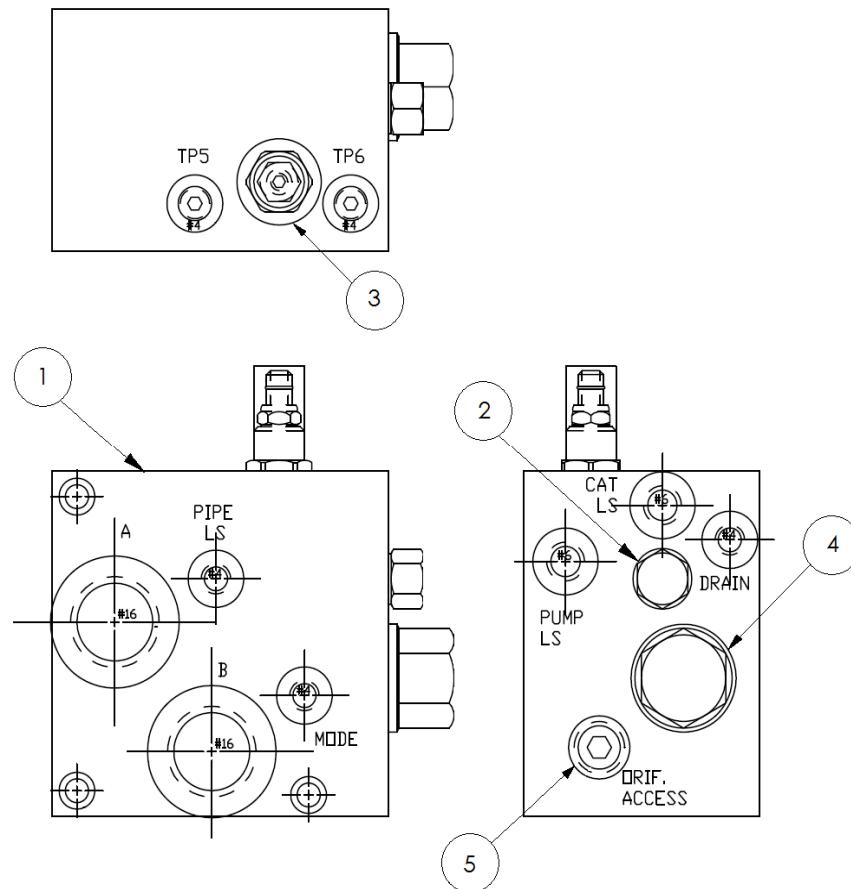


ITEM	QTY	PART NO	DESCRIPTION
1	1	100949	MANIFOLD, ALUMINUM
2	1	100662	SHUTTLE VALVE
3	1	100947	3 WAY- 2 POS. DIRECT OPER. @ 150psi
4	1	100948	2 WAY - 2 POS. PILOT OPER.
5	1	1/4" NPT PLUG	1/4" NPT ORIFICE PLUG 1/4" W/.1065

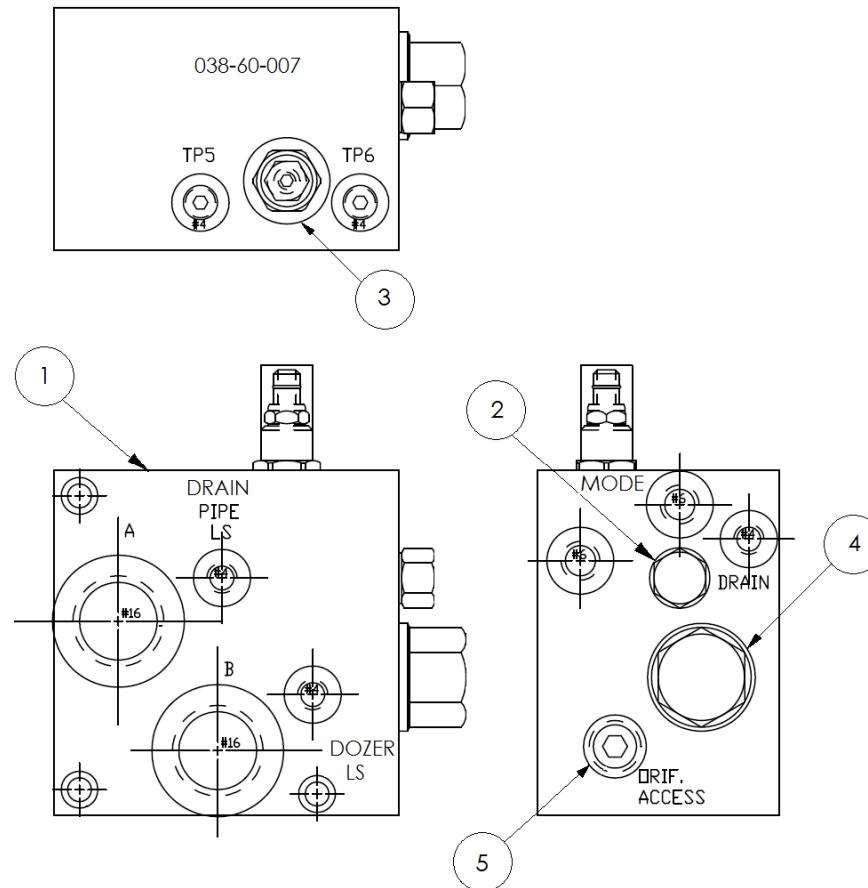
FC - DOZER BLOCK MANF

FC - DOZER BLOCK MANF 3GPM@200PSI, DUCTILE IRON

033-60-006

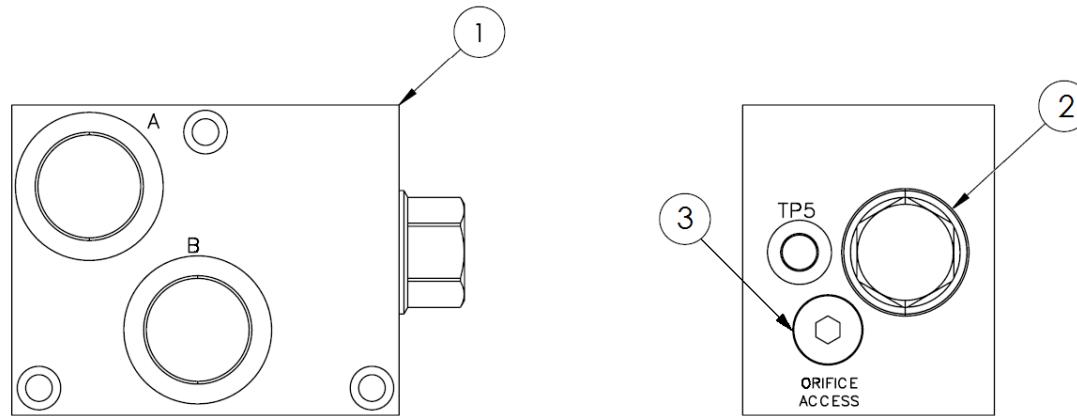
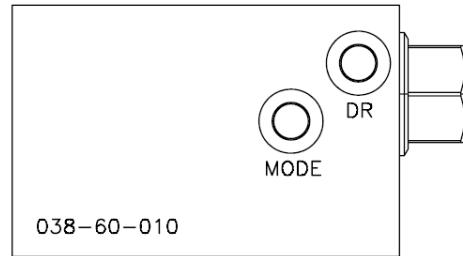


ITEM	QTY	PART NO	DESCRIPTION
1	1	100665	MANIFOLD
2	1	100662	SHUTTLE VALVE
3	1	100663	3-WAY - 2 POS DIRECT OPER
4	1	100664	2-WAY - 2 POS PILOT OPER
5	1	1/4 NPT PLUG	1/4 NPT ORIFICE PLUG W/.1065

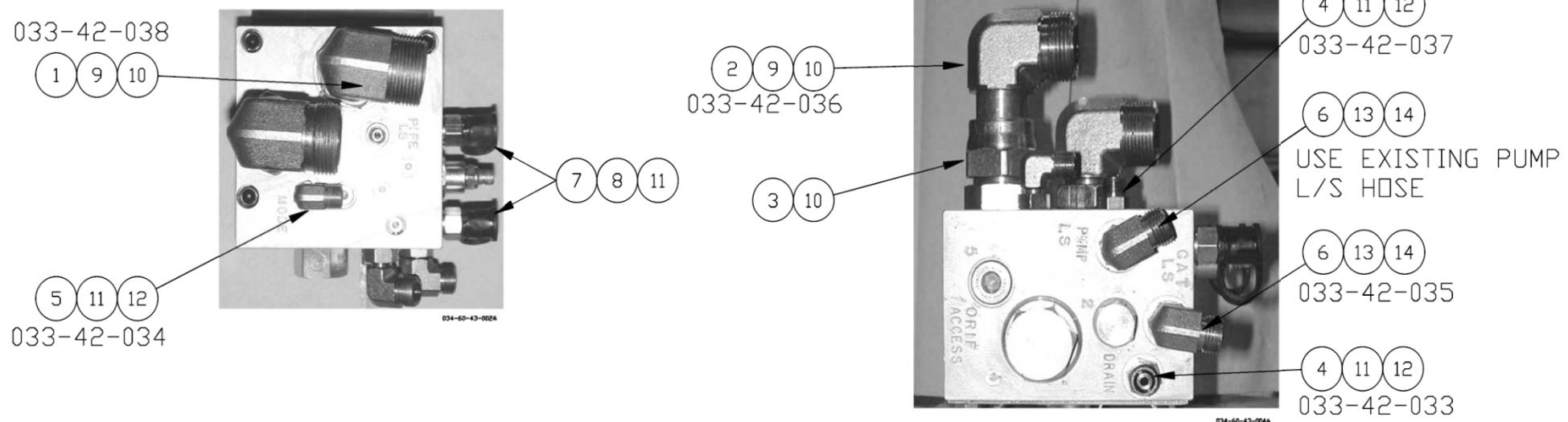


ITEM	QTY	PART NO	DESCRIPTION
1	1	100665	MANIFOLD
2	1	100662	SHUTTLE VALVE
3	1	100663	3-WAY - 2 POS DIRECT OPER
4	1	100664	2-WAY - 2 POS PILOT OPER
5	1	1/4 NPT PLUG	1/4 NPT ORIFICE PLUG W/.1065

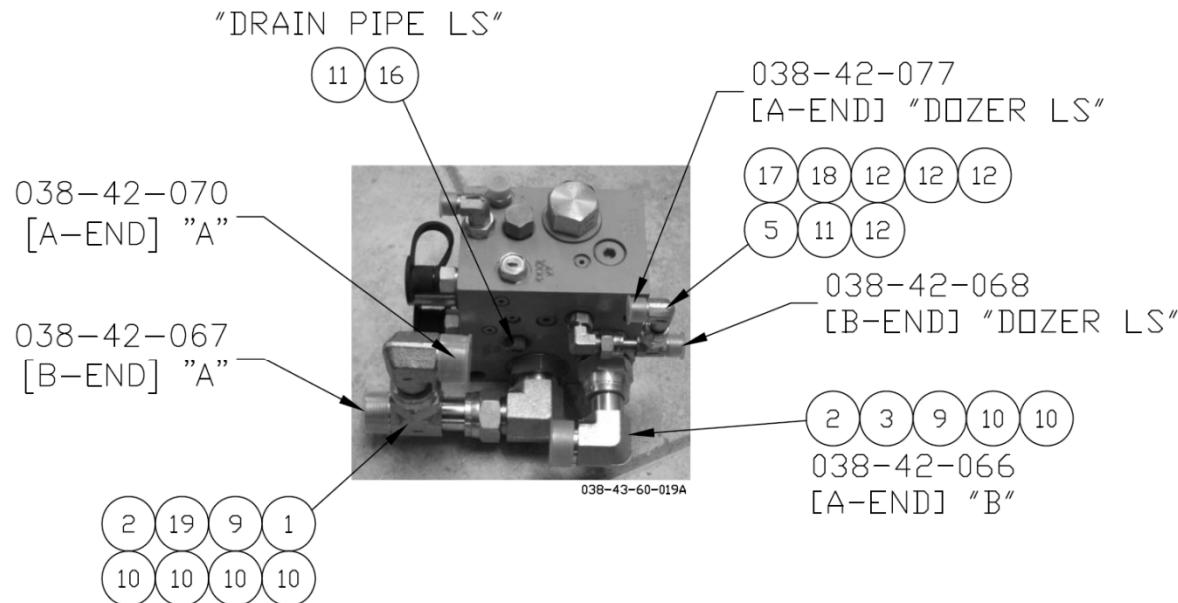
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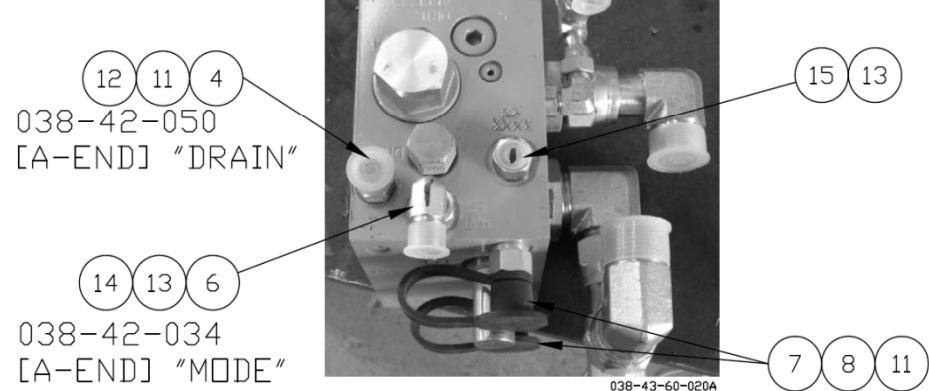
ITEM	QTY	PART NO	DESCRIPTION
1	1	100666	DUCTILE IRON MANIFOLD BODY
2	1	100664	LOGIC ELEMENT
3	1	1/4 NPT PLUG	1/4 NPT ORIFICE PLUG W/.1065



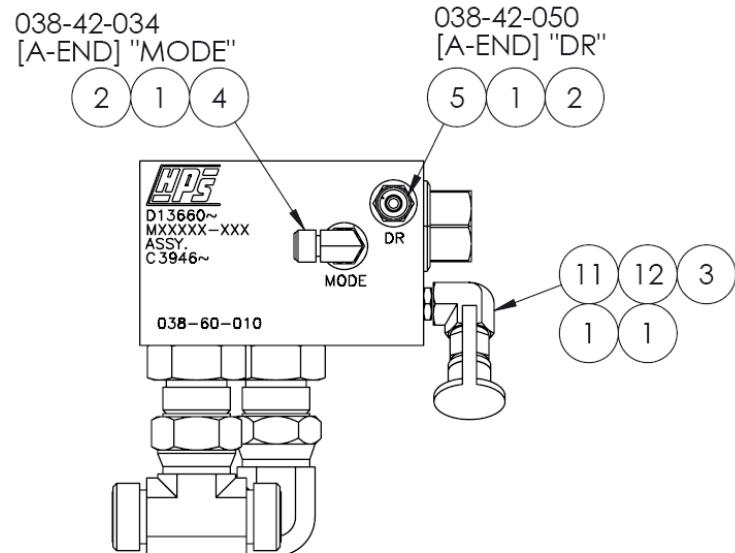
ITEM	QTY	PART NO	DESCRIPTION
1	1	CAT# 6V-9008	ORFS MALE/STOR BOSS 90 DEG ELBOW -16-16
2	1	CAT# 6V-9854	ORFS MALE/STOR BOSS 90 DEG SWIVEL -16-16
3	1	CAT# 6V-8635	ORFS MALE/STOR BOSS -16-16
4	2	CAT# 6V-8647	ORFS MALE/STOR BOSS -4-4
5	1	CAT# 6V-8628	ORFS MALE/STOR BOSS 90 DEG ELBOW -4-4
6	2	CAT# 6V-8724	ORFS MALE/STOR BOSS 90 DEG ELBOW -6-6
7	2	PARK# PD341	TEST NIPPLE -4
8	2	CAT# 6V-0852	CAP
9	2	CAT# 7M-8485	O-RING SAE STO NITRILE 90 DEG DURO -16
10	3	CAT# 5K-9090	O-RING ORFS NITRILE 90 DEG DURO -16
11	5	CAT# 3J-7354	O-RING SAE STO NITRILE 90 DEG DURO -4
12	3	CAT# 4J-5477	O-RING ORFS NITRILE 90 DEG DURO -4
13	2	CAT# 3J-1907	O-RING SAE STO NITRILE 90 DEG DURO -6
14	2	CAT# 6V-8397	O-RING ORFS NITRILE 90 DEG DURO -6



S/N RANGE: 038050080021-UP
SEE: 038-43-018 FOR
SN RANGE: 038050090021-UP

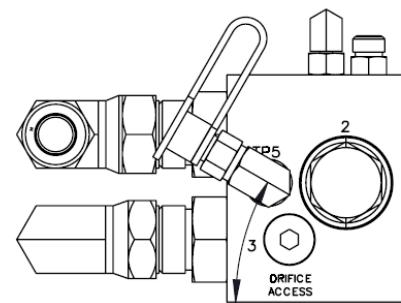
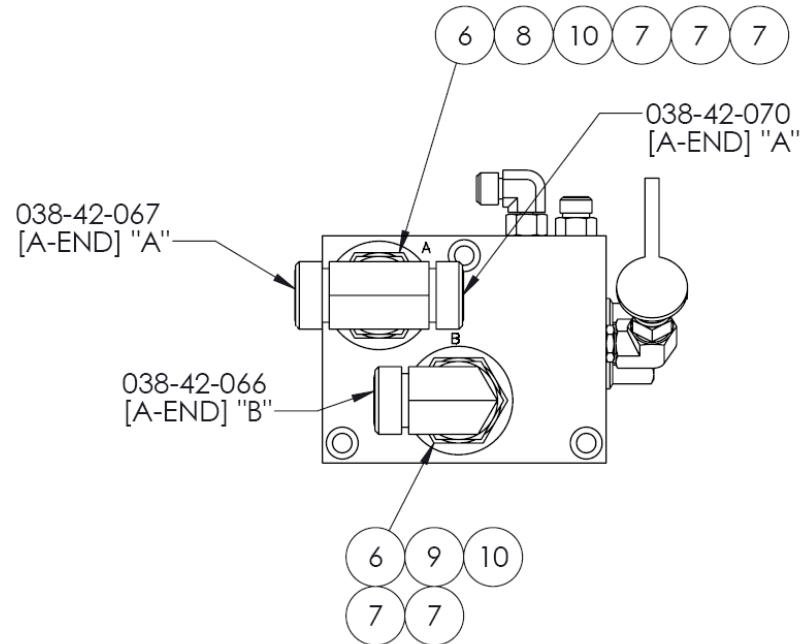


FITTINGS KIT DOZER BLOCK D6N LGP (GHS)				038-43-016
ITEM	QTY	PART NO	DESCRIPTION	
1	1	CAT# 6V-9182	ORFS MALE/STOR BOSS 90 DEG ELBOW -12-16	
2	2	CAT# 6V-9853	ORFS MALE / ORFS FEMALE SWIVEL - 90° ELBOW -12-12	
3	1	CAT# 6V-8716	ORFS MALE/STOR BOSS -12-16	
4	1	CAT# 6V-8647	ORFS MALE/STOR BOSS -4-4	
5	1	CAT# 6V-8628	ORFS MALE/STOR BOSS 90 DEG ELBOW -4-4	
6	1	CAT# 6V-8724	ORFS MALE/STOR BOSS 90 DEG ELBOW -6-6	
7	2	PARK# PD341	TEST NIPPLE -4	
8	2	CAT# 6V-0852	CAP	
9	2	CAT# 7M-8485	O-RING SAE STO NITRILE 90 DEG DURO -16	
10	6	CAT# 6V-9746	O-RING SAE STO NITRILE 90 DEG DURO -12	
11	5	CAT# 3J-7354	O-RING SAE STO NITRILE 90 DEG DURO -4	
12	5	CAT# 4J-5477	O-RING ORFS NITRILE 90 DEG DURO -4	
13	2	CAT# 3J-1907	O-RING SAE STO NITRILE 90 DEG DURO -6	
14	1	CAT# 6V-8397	O-RING ORFS NITRILE 90 DEG DURO -6	
15	1	CAT# 9S-4191	STOR BOSS HEX HEAD PLUG -6	
16	1	CAT# 9S-4182	STOR BOSS HEX HEAD PLUG -4	
17	1	CAT# 6V-9835	ORFS MALE/ORFS MALE/ORFS FEMALE SWIVEL-TEE -4-4-4	
18	1	CAT# 6V-9849	ORFS MALE / ORFS FEMALE SWIVEL - 90° ELBOW -4-4	
19	1	CAT# 6V-9839	ORFS MALE/ORFS MALE/ORFS FEMALE SWIVEL-TEE -12-12-12	

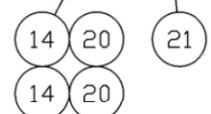
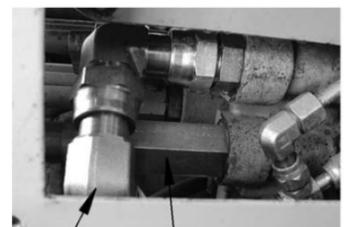
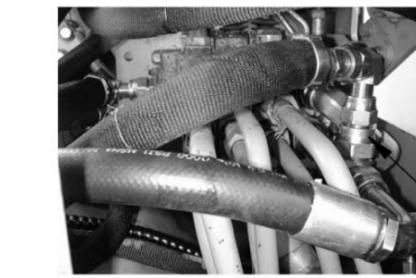
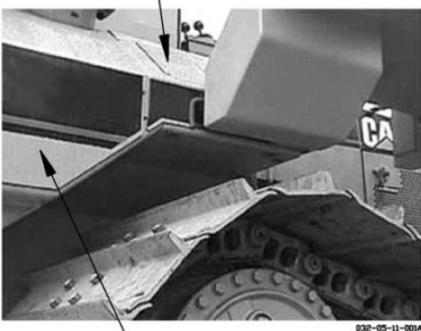
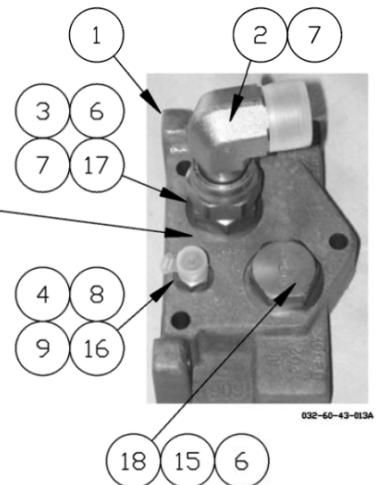
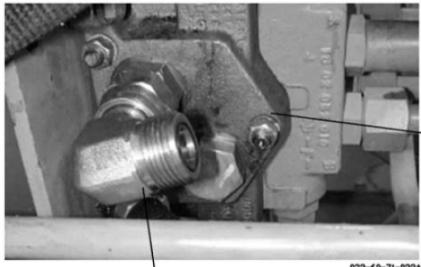


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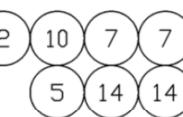
SEE: 038-43-016 FOR
SN RANGE: 038050080021-UP



FITTINGS KIT DOZER BLOCK				038-43-018
ITEM	QTY	PART NO	DESCRIPTION	
1	4	CAT# 3J-7354	O-RING STOR-4	
2	2	CAT# 4J-5477	O-RING - ORFS -4	
3	1	CAT# 6V-0852	FF - CAP - DUST	
4	1	CAT# 6V-8628	90° EL ORFS M/STOR BOSS -4/-4	
5	1	CAT# 6V-8647	ORFS M/STOR BOSS -4/-4	
6	2	CAT# 6V-8716	FF - ORFS M/STOR BOSS -12-16	
7	5	CAT# 6V-9746	O-RING ORFS -12	
8	1	CAT# 6V-9846	TEE – ORFS FM SW/ORFS M/ORFS M -12/-12/-12	
9	1	CAT# 6V-9853	SWIVEL NUT ELBOW, ORFS/ORFS SWIVEL -12/-12	
10	2	CAT# 7M-8485	O-RING STOR -16	
11	1	PARK# 4 AEOG5-6	FF - 90° - STOR M/STOR F -4/-4	
12	1	PARK# PD341	FF - TEST FITTING - MALE - #4 STOR	



034-60-71-005A



CONNECT TO
A-PORT ON
DOZER BLOCK



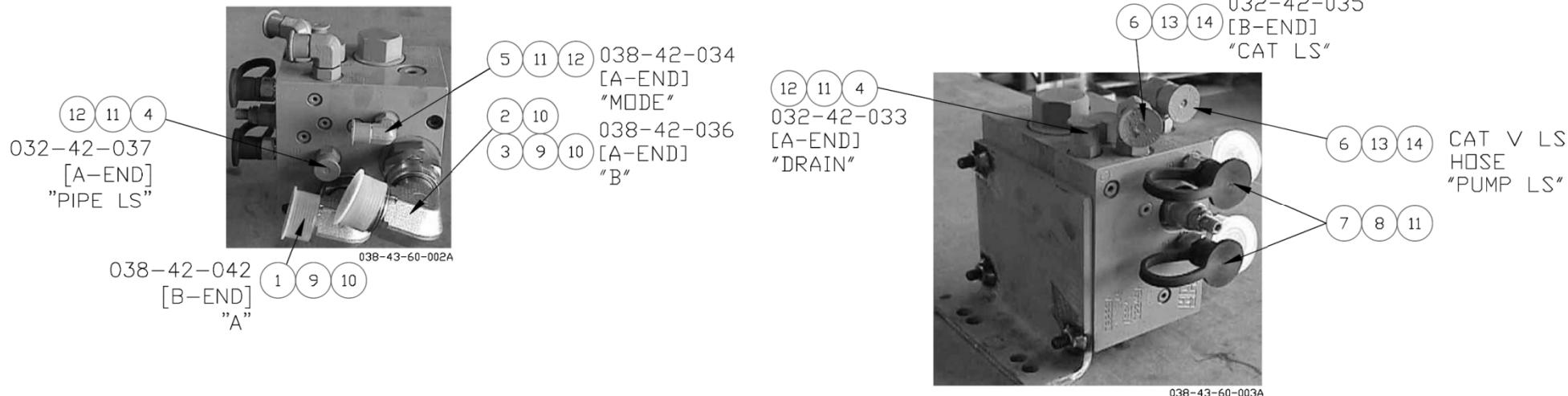
MOUNTED UNDER
OPERATOR'S SEAT

FITTINGS GP - D6M LGP HYDRAULIC MODIFICATIONS				033-43-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	CAT#4T-7862	POWER BEYOND COVER	
2	2	CAT#6V-9853	ORFS MALE / ORFS FEMALE SWIVEL - 90° ELBOW 12-12	
3	1	CAT#6V-8637	ORFS MALE / STOR BOSS 12-12	
4	1	CAT#6V-8647	ORFS MALE / STOR BOSS 4-4	
5	2	CAT# 6V9840	ORFS M/ORFS M/ORFS FM SWIVEL TEE -16-16-16	
6	2	CAT#3D-2824	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO) -12	
7	5	CAT#6V-9746	O-RING ORFS (NITRILE 90 DURO) -12	
8	1	CAT#3J-7354	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO) -4	
9	1	CAT#4J-5477	O-RING ORFS (NITRILE 90 DURO) -4	
10	2	CAT# 6V-8946	ORFS M/ORFS FM SWIVEL - CAPTIVE NUT -12-16	
11	1	CAT# 6V-9001	ORFS M/STOR BOSS 45° ELBOW -6-6	
12	1	CAT# 3J-1907	O-RING SAE STOR -6	
13	1	CAT# 6V-8397	O-RING ORFS -6	
14	9	CAT# 5K-9090	ORFS ORING -16	
15	2	CAT#4D-9986	O-RING CODE 61 FLANGE (NITRILE 90 DURO) -12	
16	1	CAT#4J-5140	O-RING CODE 61 FLANGE (NITRILE 90 DURO) -8	
17	1	CAT#4J-5267	O-RING CODE 61 FLANGE (NITRILE 90 DURO) -12	
18	1	CAT#179-4440	STOR BOSS PLUG -12	
19	1	038-41-012	TUBE	
20	2	CAT# 6V-9854	ORFS M/ORFS FM 90° ELBOW -16-16	
21	1	CAT# 8C-3443	ORFS M / STOR BOSS -16 -16 ST CONNECTOR	
22	1	PARK# 16HLO-S	ORFS M -16 UNION	

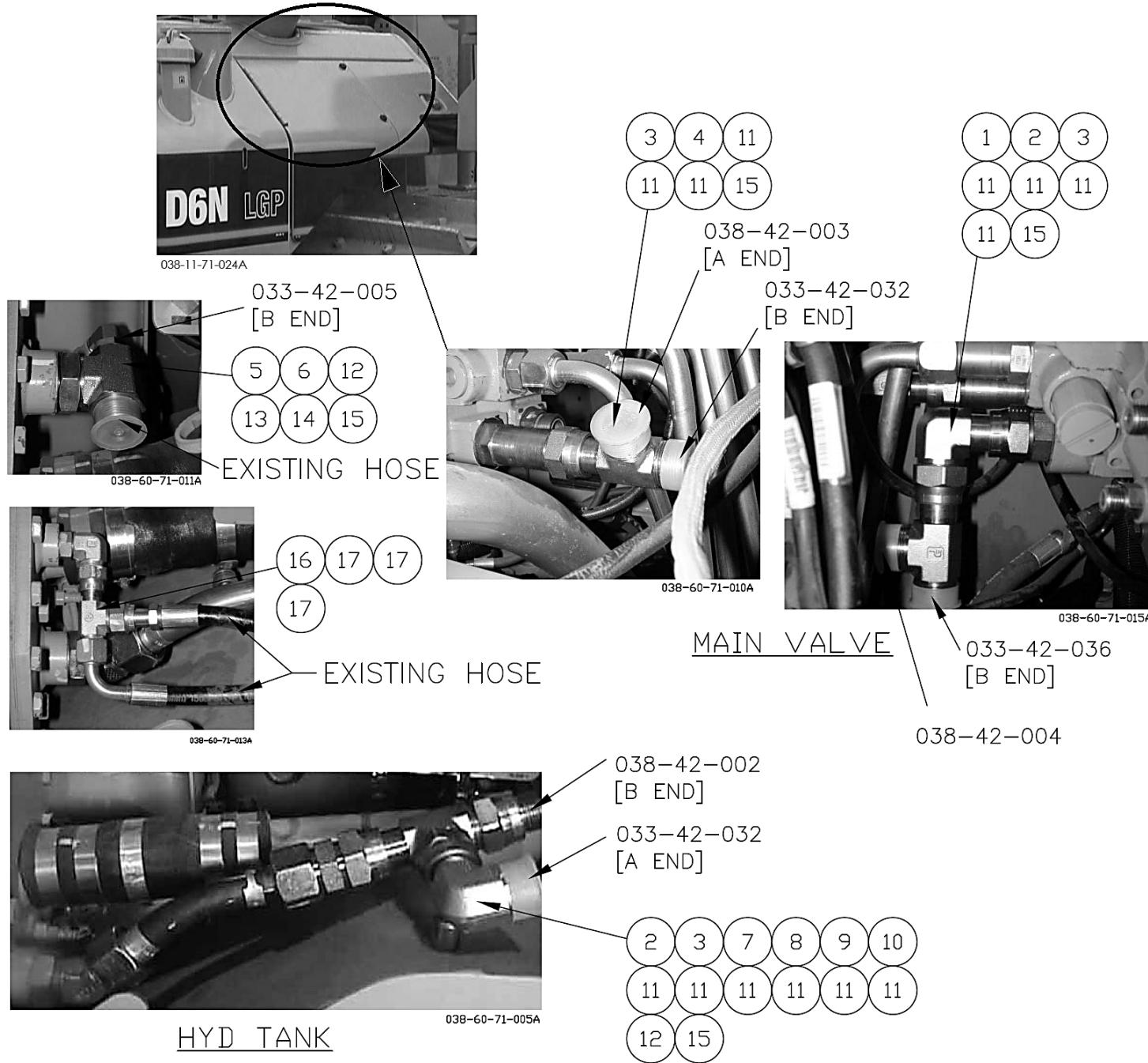
NOTES:

FITTINGS KIT – DOZER BLOCK D6N LGP

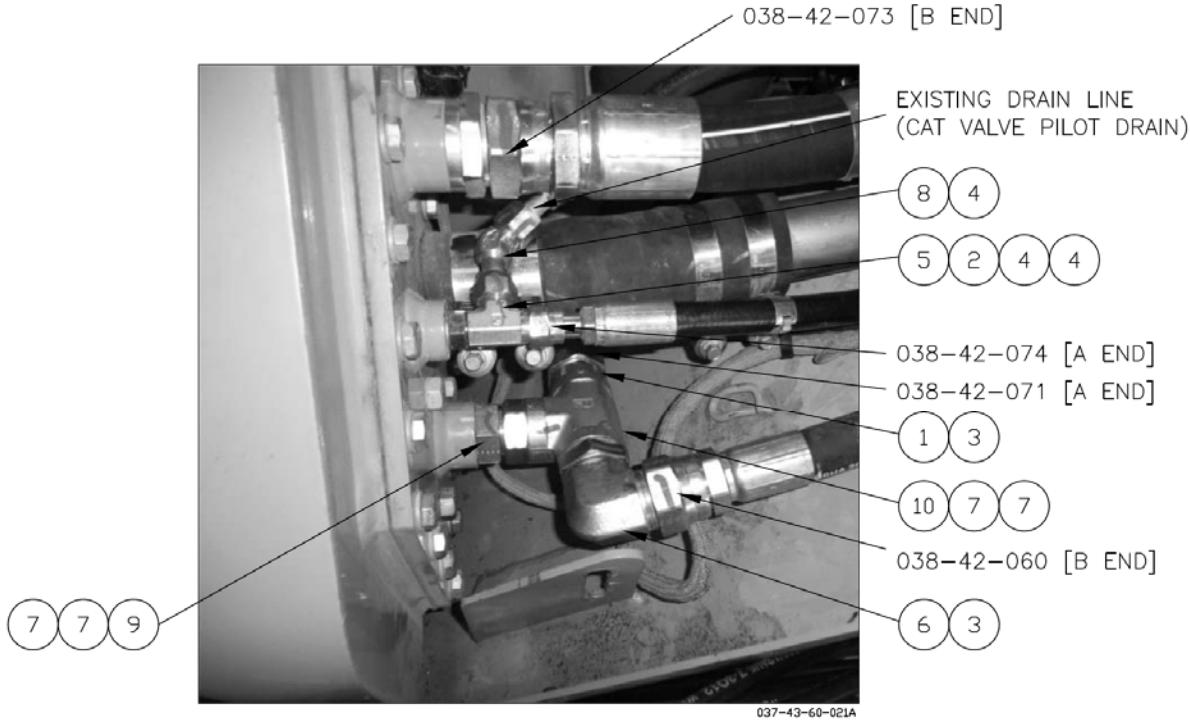
038-43-014



ITEM	QTY	PART NO	DESCRIPTION
1	1	CAT# 6V-9008	ORFS MALE/STOR BOSS 90° ELBOW -16-16
2	1	CAT# 6V-9854	ORFS MALE/STOR BOSS 90° SWIVEL -16-16
3	1	CAT# 6V-8635	ORFS MALE/STOR BOSS -16-16
4	2	CAT# 6V-8647	ORFS MALE/STOR BOSS -4-4
5	1	CAT# 6V-8628	ORFS MALE/STOR BOSS 90° ELBOW -4-4
6	2	CAT# 6V-8724	ORFS MALE/STOR BOSS 90° ELBOW -6-6
7	2	PARK# PD341	TEST NIPPLE -4
8	2	CAT# 6V-0852	CAP
9	2	CAT# 7M-8485	O-RING SAE STO NITRILE 90° DURO -16
10	3	CAT# 5K-9090	O-RING ORFS NITRILE 90° DURO -16
11	5	CAT# 3J-7354	O-RING SAE STO NITRILE 90° DURO -4
12	3	CAT# 4J-5477	O-RING ORFS NITRILE 90° DURO -4
13	2	CAT# 3J-1907	O-RING SAE STO NITRILE 90° DURO -6
14	2	CAT# 6V-8397	O-RING ORFS NITRILE 90° DURO -6

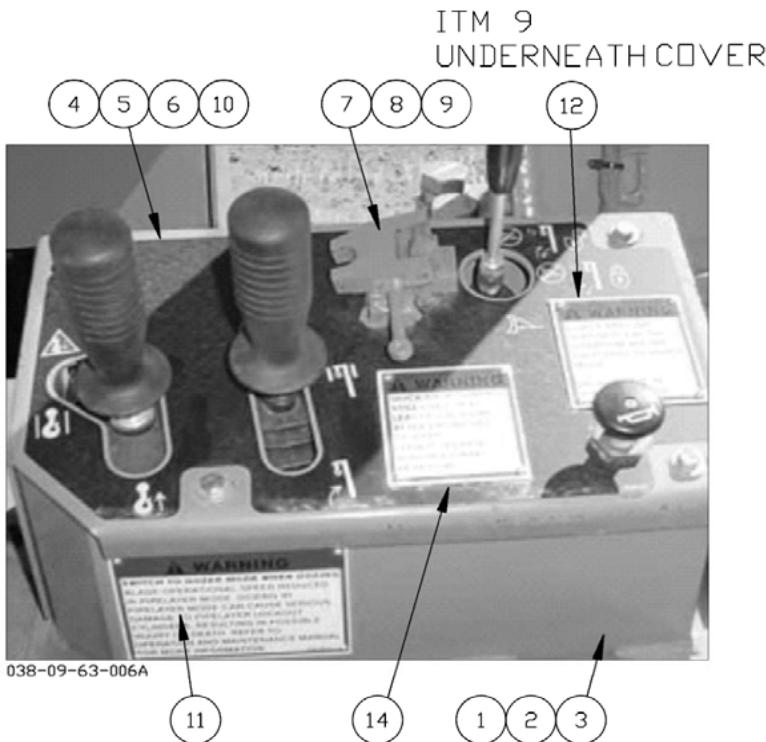


FITTINGS GP – HYDRAULIC MODIFICATIONS D6N LGP (FTC) W/ PILOT				038-43-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	CAT# 6V-8635	ORFS M/STOR BOSS ADAPT -16	
2	2	CAT# 6V-9854	ORFS M/ORFS FM 90° ELBOW -16-16	
3	3	CAT# 6V-9840	ORFS M/ORFS M/ORFS FM SWIVEL TEE -16-16-16	
4	1	CAT# 8T-8898	ORFS M/STOR BOSS ADAPT LONG -16	
5	1	032-43-009	STOR M/ORFS M /STOR F -16 -12 -8	
6	1	CAT# 6V-8625	ORFS M/STOR BOSS 90° ELBOW -8	
7	1	CAT# 6V-9005	ORFS M/STOR BOSS 45° ELBOW	
8	1	038-41-012	TUBE	
9	1	CAT# 6V-8734	ORFS M UNION -16	
10	1	CAT# 6V-8946	ORFS M/ORFS FM SWIVEL - CAPTIVE NUT -12-16	
11	13	CAT# 5K-9090	O-RING ORFS (NITRILE 90 DURO) -16	
12	2	CAT# 6V-9746	O-RING ORFS (NITRILE 90 DURO) -12	
13	1	CAT# 6V-8398	O-RING ORFS (NITRILE 90 DURO) -8	
14	1	CAT# 3K-0360	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO) -8	
15	4	CAT# 7M-8485	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO) -16	
16		CAT# 6V-9836	(QTY 1) ORFS M/ORFS M/ORFS FSW TEE -6-6-6 (EXISTING)	
17	3	CAT# 6V-8397	O-RING ORFS (NITRILE 90 DURO) -6	

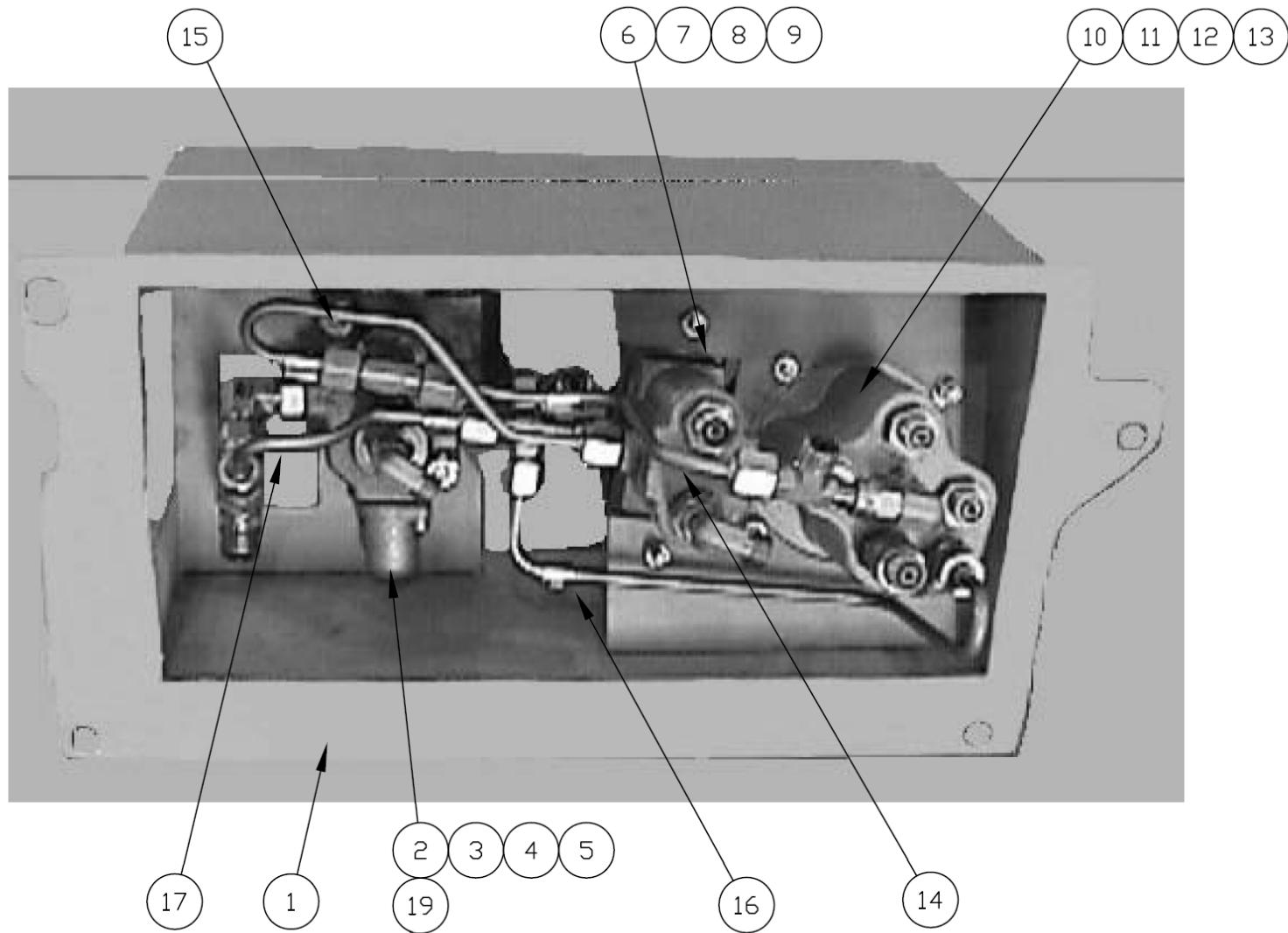


ITEM 11 & 12 NOT SHOWN:
USE TO PLUG RIPPER PORTS ON CAT VALVE

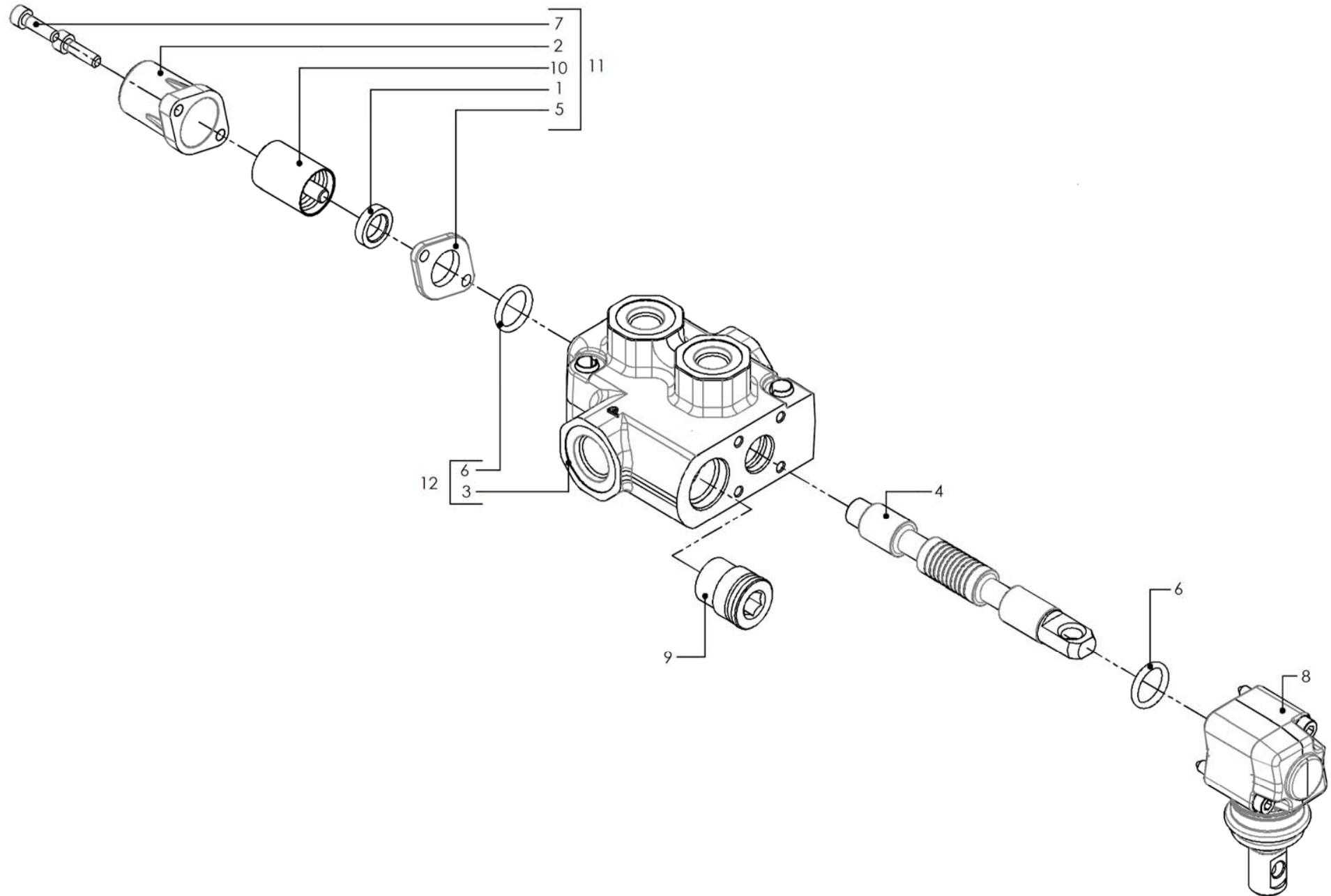
ITEM	QTY	PART NO	DESCRIPTION
1	1	CAT# 292-8012	FF- CHECK VALVE -16
2	1	CAT# 3J-1907	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO) -6
3	2	CAT# 5K-9090	O-RING ORFS (NITRILE 90 DURO) -16
4	3	CAT# 6V-8397	O-RING ORFS (NITRILE 90 DURO) -6
5	1	CAT# 6V-8781	TEE, ORFS M/ORFS M/STOR BOSS, -6/-6/-6
6	1	CAT# 6V-9008	90° EL - ORFS M/STOR M -16/-16
7	4	CAT# 7M-8485	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO) -16
8	1	CAT# 8C-8988	45 EL ORFS M/ORFS F SWIVEL, -6/-6
9	1	PARK# 16-F5OHAO-S	STOR M/STOR M, -16/-16
10	1	PARK# 16-G5G5JG5-S	FF - TEE STOR M/STOR M -16/-16/-16



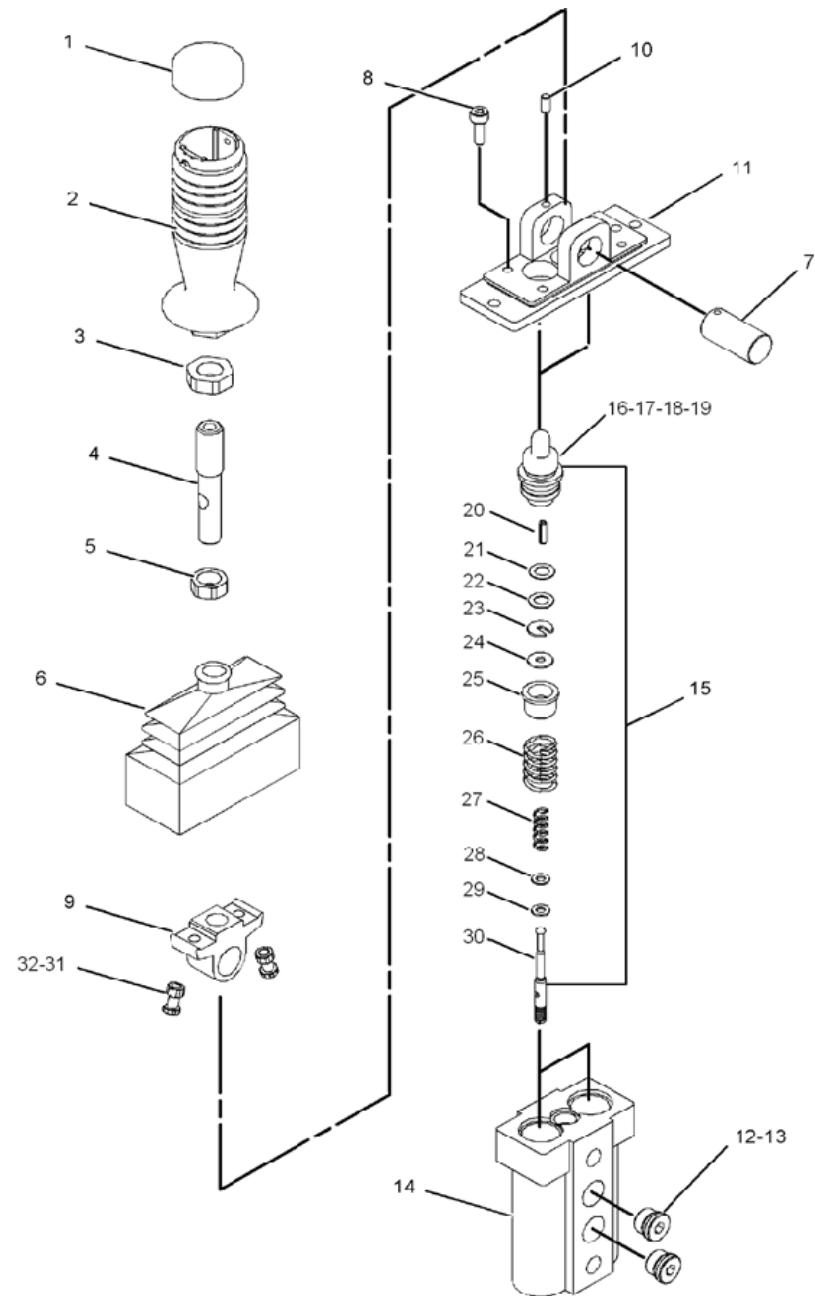
ITEM	QTY	PART NO	DESCRIPTION
1	1	032-63-001	CONTROL BOX ASSEMBLY
2	4	CAT# 9X-2040	CAT, BHCS M10X25
3	4	CAT# 8T-4121	WASHER 10MM
4	1	038-63-025	CONTROL BOX COVER ASSEMBLY
5	4	CAT# 4M-5281	SHCS 1/4NCx3/4
6	4	CAT# 4B-5269	USS FLAT WASHER
7	1	032-63-030	LOCKOUT
8	2	006-12-005	HDW - FLAT-HD SOCKET CS - 3/8-16 UNC X 1.5 LNG
9	1	032-63-022	PLATE - LOCK-OUT HOLD-DOWN NUT (UNDERNEATH COVER)
10	1	032-63-021	DECAL - CONTROL COVER
11	1	032-09-011	PLT - WARNING SWITCH TO DOZER MODE WHEN DOZING
12	1	032-09-012	PLT - WARN LOWER LOAD WHEN SW TO DOZER MODE
14	1	032-09-013	PLT - WARNING QUICK DROP LIVE



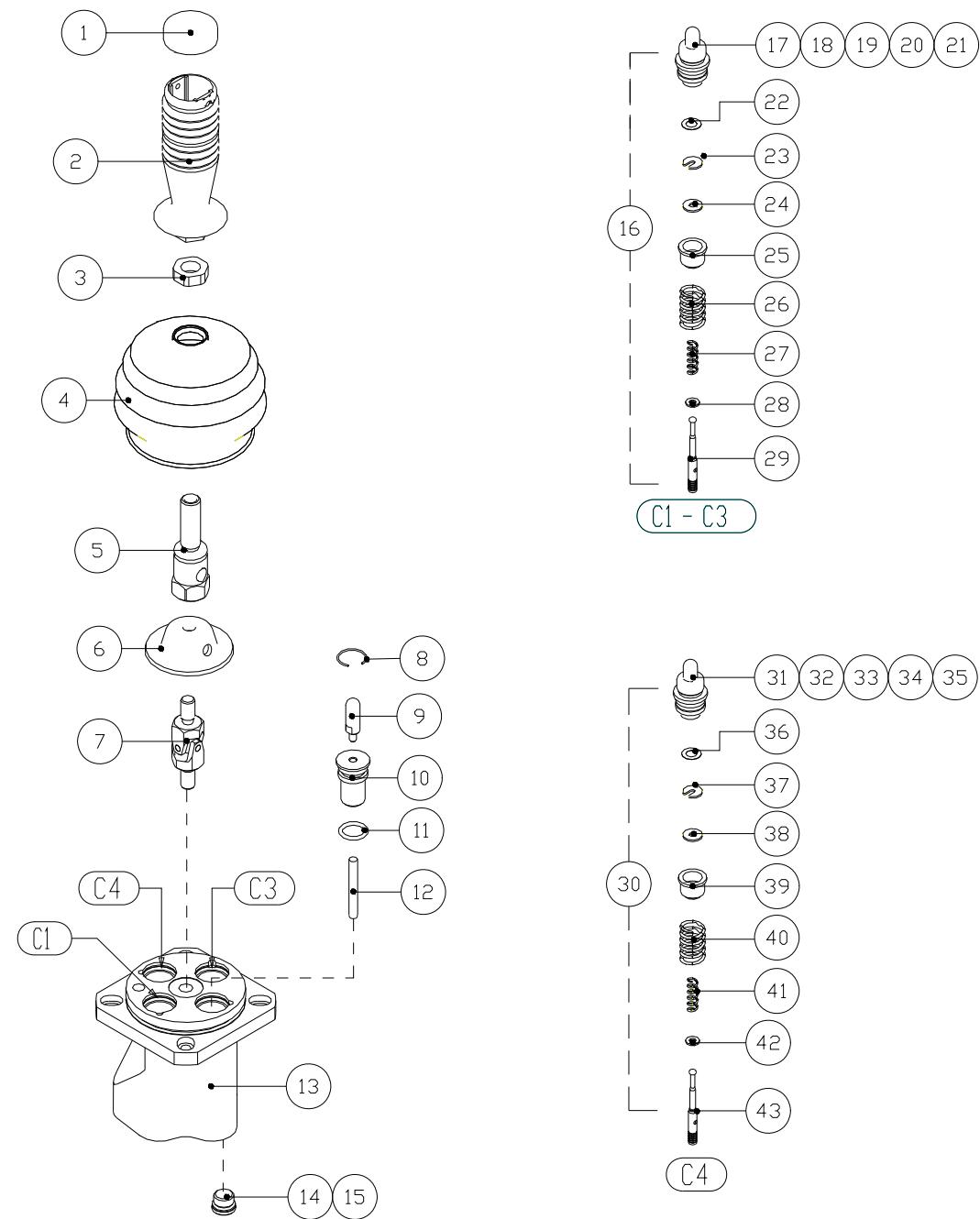
CONTROL BOX ASSEMBLY				032-63-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	032-63-010	CONTROL BOX FAB'N ASSEMBLY	
2	1	032-63-002	FC - MODE CONT	
3	2	CAT# 8T-6869	HEX HD BOLT M8X1.25 X 60MM	
4	4	CAT# 8T-4224	FLAT HARD WASHER M8	
5	2	CAT# 5C-7261	HEX NUT M8	
6	1	006-63-002	FC - PILOT CONT 2-WAY	
7	2	CAT# 8T-2947	HX HD BOLT M6 X 1.0 X 45MM	
8	4	CAT# 9X-8256	FLAT HARD WASHER M6	
9	2	CAT# 5C-2890	HEX NUT M6 X 1.0	
10	1	006-63-001	FC - PILOT CONT 3-WAY	
11	4	CAT# 8T-4138	HHCS M6 X 1.0 X 20MM	
12	8	CAT# 9X-8256	FLAT HARD WASHER M6	
13	4	CAT# 5C-2890	HX NUT M6 X 1.0	
14	1	032-41-055	TUBE ASSEMBLY	
15	1	032-41-056	TUBE ASSEMBLY	
16	1	032-41-057	TUBE ASSEMBLY	
17	1	032-41-058	TUBE ASSEMBLY	
18	1	032-43-007	FITTINGS KIT - OPERATOR CONTROLS (NOT SHOWN)	
19	1	040-63-024	FC - HANDLEVER - M8 X 120mm (NOT VISIBLE)	



FC - MODE CONT				032-63-002
ITEM	QTY	PART NO	DESCRIPTION	
1	1	100076	RING	
2	1	100077	END CAP	
3	1	100078	1-SAE BODY	
4	1	100079	SPOOL	
5	1	100080	SPACER	
6	2	100081	O-RING SEAL	
7	2	100082	GALVANIZED SCREW	
8	1	100083	LEVER KIT WITH SCREWS	
9	1	100084	PLUG	
10	1	100085	SPOOL CONTROL KIT	
11	1	100086	S5 KIT	
12	1	100087	KIT	



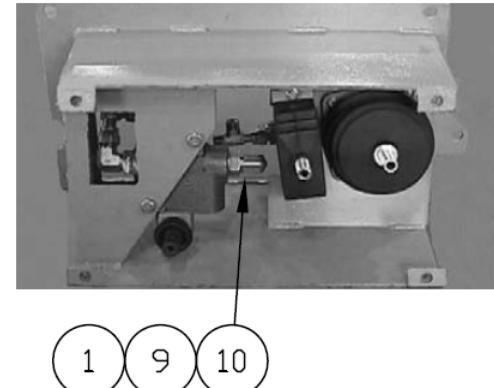
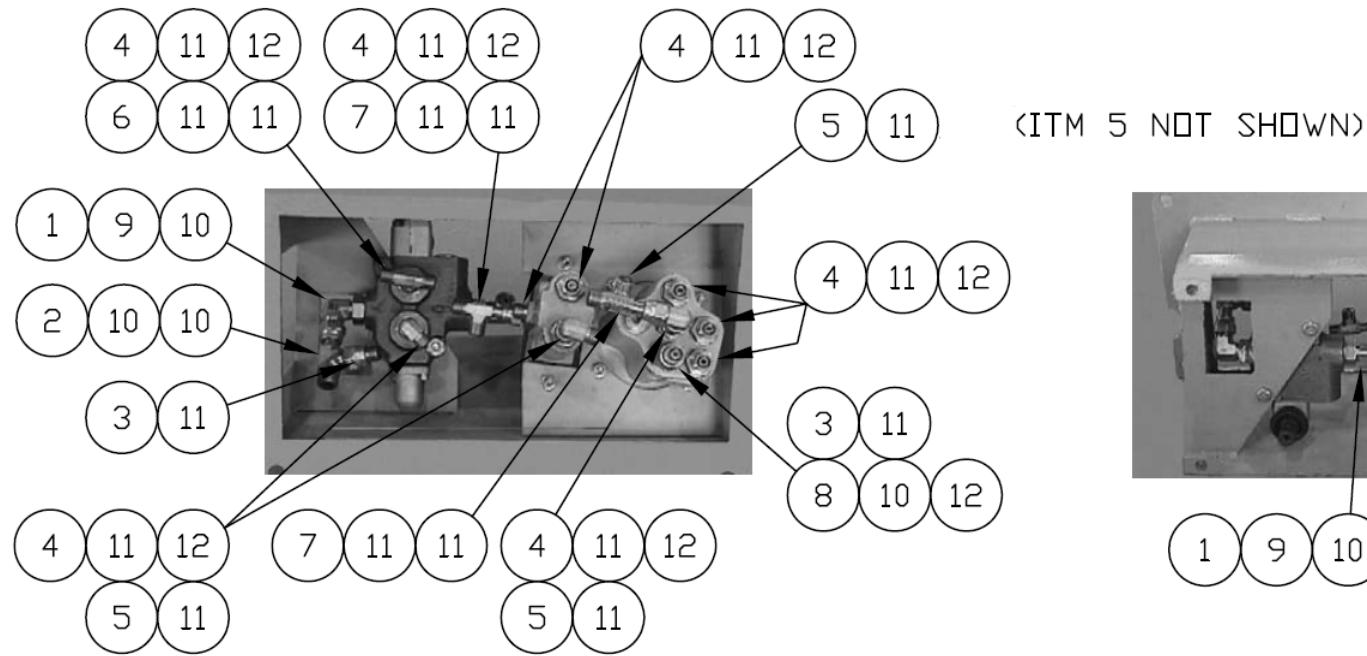
FC - PILOT CONT 2-WAY				006-63-002
ITEM	QTY	PART NO	DESCRIPTION	
1	1	CAT# 106-8595	CAP	
2	1	CAT# 106-8587	HANDLE	
3	1	CAT# 125-2976	NUT	
4	1	CAT# 114-4333	ROD	
5	1	CAT# 4I-0755	NUT M12X1.25	
6	1	CAT# 114-4326	BOOT	
7	1	CAT# 114-4325	PIN	
8	1	CAT# 8C-8545	BOLT - SOCKET HEAD M5X0.8X20	
9	1	CAT# 114-4324	LEVER	
10	1	CAT# 8T-7050	SET SCREW - SOCKET	
11	1	CAT# 114-4321	SUPPORT	
12	1	CAT# 9S-8004	PLUG	
13	1	CAT# 3J-1907	O-RING STOR-6	
14	1	CAT# 114-4313	BODY - VALVE	
15	1	CAT# 114-4314	VALVE GP - PILOT	
16	1	CAT# 108-8807	SEAL	
17	1	CAT# 106-5858	PLATE	
18	1	CAT# 8F-3469	SEAL - O - RING	
19	1	CAT# 106-8598	PIN	
20	1	CAT# 114-4111	PIN	
21	1	CAT# 114-4320	WASHER	
22	1	CAT# 114-4319	WASHER	
23	1	CAT# 116-8567	RING	
24	1	CAT# 116-8566	RING	
25	1	CAT# 114-4317	GUIDE	
26	1	CAT# 106-8588	SPRING	
27	1	CAT# 114-4180	SPRING	



FC - PILOT CONT 3-WAY				006-63-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	CAT# 106-8589	CAP	
2	1	CAT# 106-8587	HANDLE	
3	1	CAT# 108-6074	NUT	
4	1	CAT# 106-8600	STUD	
5	1	CAT# 106-8596	BOOT	
6	1	CAT# 106-8582	SPRING	
7	1	CAT# 106-8597	JOINT	
8	1	CAT# 103-8097	RING	
9	1	CAT# 114-4128	PIN	
10	1	CAT# 114-4130	PLUG	
11	1	CAT# 8F-3469	SEAL	
12	1	CAT# 114-4129	PIN	
13	1	CAT# 114-4419	BODY-VALVE	
14	1	CAT# 9S-8004	PLUG	
15	1	CAT# 3J-1907	O-RING STOR-6	
16	1	CAT# 114-4126	CARTRIDGE GROUP	
17	1	CAT# 108-8807	SEAL	
18	1	CAT# 106-8585	GUIDE	
19	1	CAT# 8F-3469	SEAL	
20	1	CAT# 106-8598	PIN	
21	1	CAT# 114-4111	PIN	
22	1	CAT# 103-8099	WASHER	
23	1	CAT# 106- 8567	RING	
24	1	CAT# 106-8566	RING	
25	1	CAT# 114-4179	GUIDE	
26	1	CAT# 106-8589	SPRING	
27	1	CAT# 114-4180	SPRING	

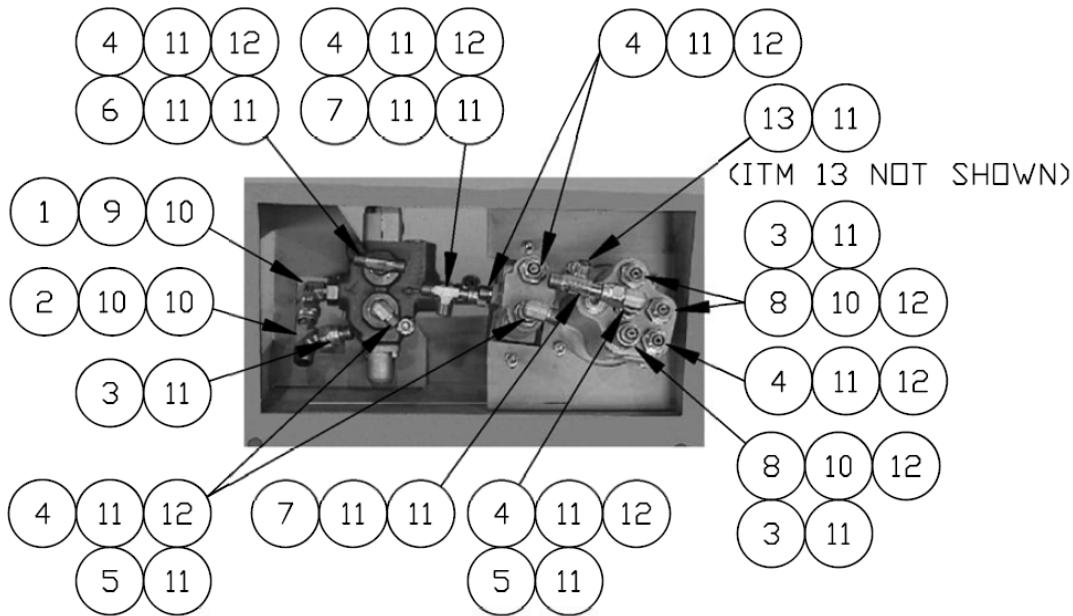
FC - PILOT CONT 3-WAY				006-63-001
ITEM	QTY	PART NO	DESCRIPTION	
28	1	CAT# 103- 8098	WASHER	
29	1	CAT# 106-8584	ROD	
30	2	CAT# 114-4127	CARTRIDGE GROUP	
31	1	CAT# 108-8807	SEAL	
32	1	CAT# 106-8585	GUIDE	
33	1	CAT# 8F-3469	SEAL	
34	1	CAT# 106-8598	PIN	
35	1	CAT# 114-4111	PIN	
36	1	CAT# 103-8099	WASHER	
37	1	CAT# 106-8567	RING	
38	1	CAT# 106-8566	RING	
39	1	CAT# 114-4179	GUIDE	
40	1	CAT# 106-8588	SPRING	
41	1	CAT# 114-4180	SPRING	
42	1	CAT# 103-8098	WASHER	
43	1	CAT# 106-8584	ROD	

NOTES:



TYPE 1 CONFIGURATION,
SEE 038-43-007 FOR TYPE 2

ITEM	QTY	PART NO	DESCRIPTION
1	2	CAT#6V-8723	ORFS MALE / STOR BOSS - 90° ELBOW
2	1	CAT#6V-9836	ORFS MALE / ORFS MALE / ORFS FEMALE SWIVEL - TEE
3	2	CAT#6V-8934	ORFS MALE / ORFS FEMALE SWIVEL - CAPTIVE NUT
4	10	CAT#6V-8641	ORFS MALE / STOR BOSS
5	4	CAT#6V-9849	ORFS MALE / ORFS FEMALE SWIVEL - 90° ELBOW
6	1	CAT#6V-9842	ORFS FEMALE SWIVEL / ORFS MALE / ORFS MALE - TEE
7	2	CAT#6V-9835	ORFS MALE / ORFS MALE / ORFS FEMALE SWIVEL - TEE
8	1	CAT#6V-8636	ORFS MALE / STOR BOSS
9	2	CAT#3K-0360	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO)
10	5	CAT#6V-8397	O-RING ORFS (NITRILE 90 DURO)
11	22	CAT#4J-5477	O-RING ORFS (NITRILE 90 DURO)
12	11	CAT#3J-1907	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO)

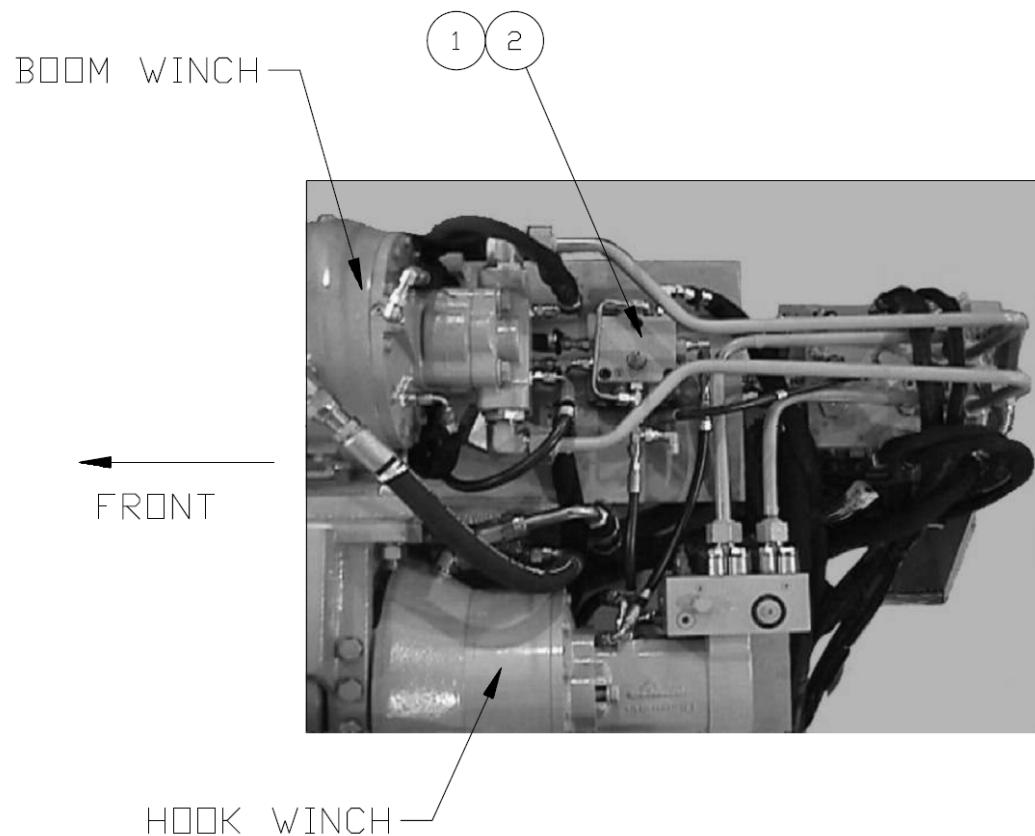


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9
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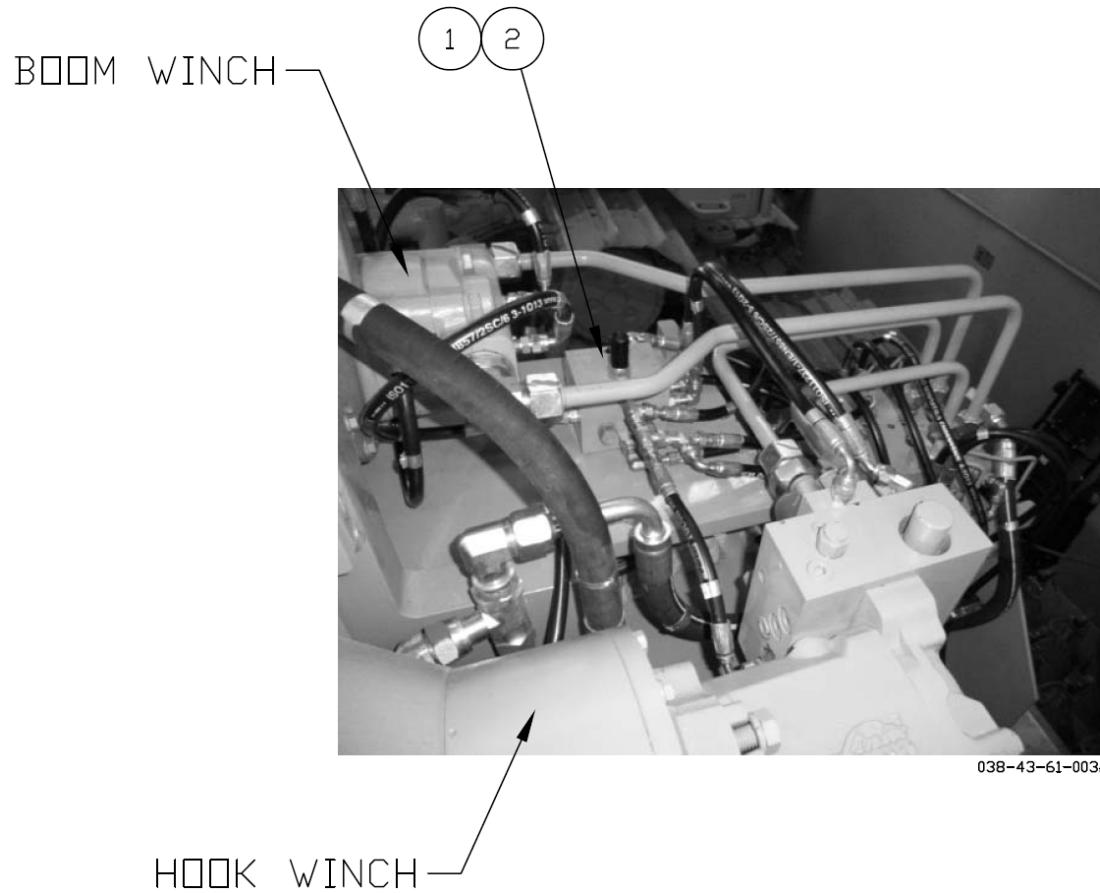
TYPE 2 CONFIGURATION,
SEE 032-43-007 FOR TYPE 1

ITEM	QTY	PART NO	DESCRIPTION
1	2	CAT#6V-8723	ORFS MALE / STOR BOSS - 90° ELBOW
2	1	CAT#6V-9836	ORFS MALE / ORFS MALE / ORFS FEMALE SWIVEL - TEE
3	4	CAT#6V-8934	ORFS MALE / ORFS FEMALE SWIVEL - CAPTIVE NUT
4	8	CAT#6V-8641	ORFS MALE / STOR BOSS
5	3	CAT#6V-9849	ORFS MALE / ORFS FEMALE SWIVEL - 90° ELBOW
6	1	CAT#6V-9842	ORFS FEMALE SWIVEL / ORFS MALE / ORFS MALE - TEE
7	2	CAT#6V-9835	ORFS MALE / ORFS MALE / ORFS FEMALE SWIVEL - TEE
8	3	CAT#6V-8636	ORFS MALE / STOR BOSS
9	2	CAT#3K-0360	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO)
10	7	CAT#6V-8397	O-RING ORFS (NITRILE 90 DURO)
11	22	CAT#4J-5477	O-RING ORFS (NITRILE 90 DURO)
12	11	CAT#3J-1907	O-RING SAE STRAIGHT THREAD (NITRILE 90 DURO)
13	1	CAT# 8C-8408	FF – ORFS M/ORFS F SW -4/-4

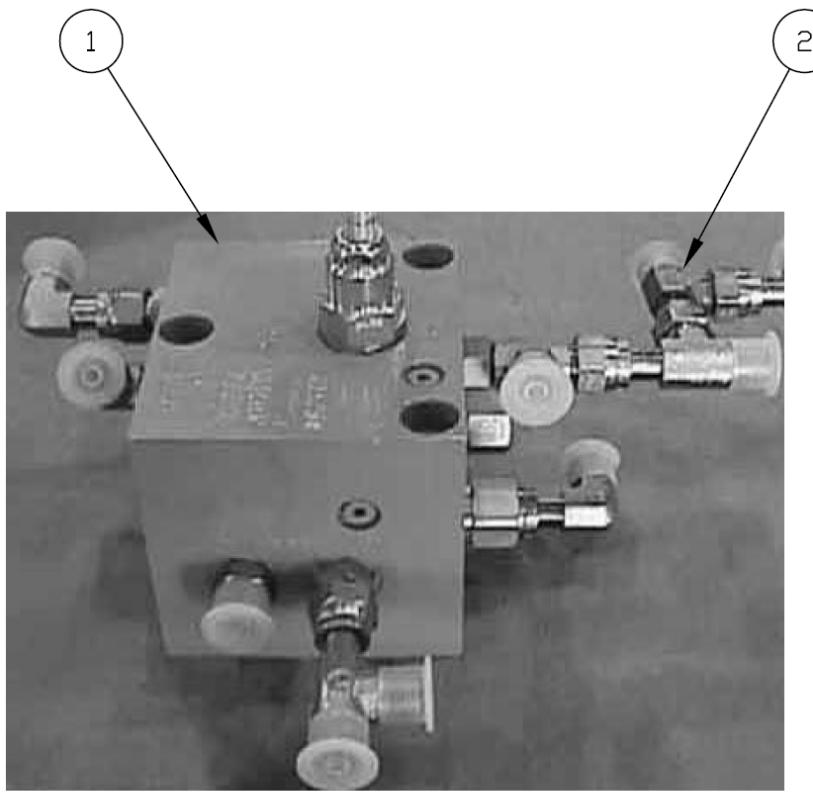
LOAD SENSE - GP	GP - LOAD SENSE BLOCK	032-61-000
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ITEM	QTY	PART NO	DESCRIPTION
1	1	032-61-001	AS - LOAD SENSE MANIFOLD
2	3	CAT# 3B-7614	CAT SOCKET-HEAD CAP SCREW, 3/8-16X4

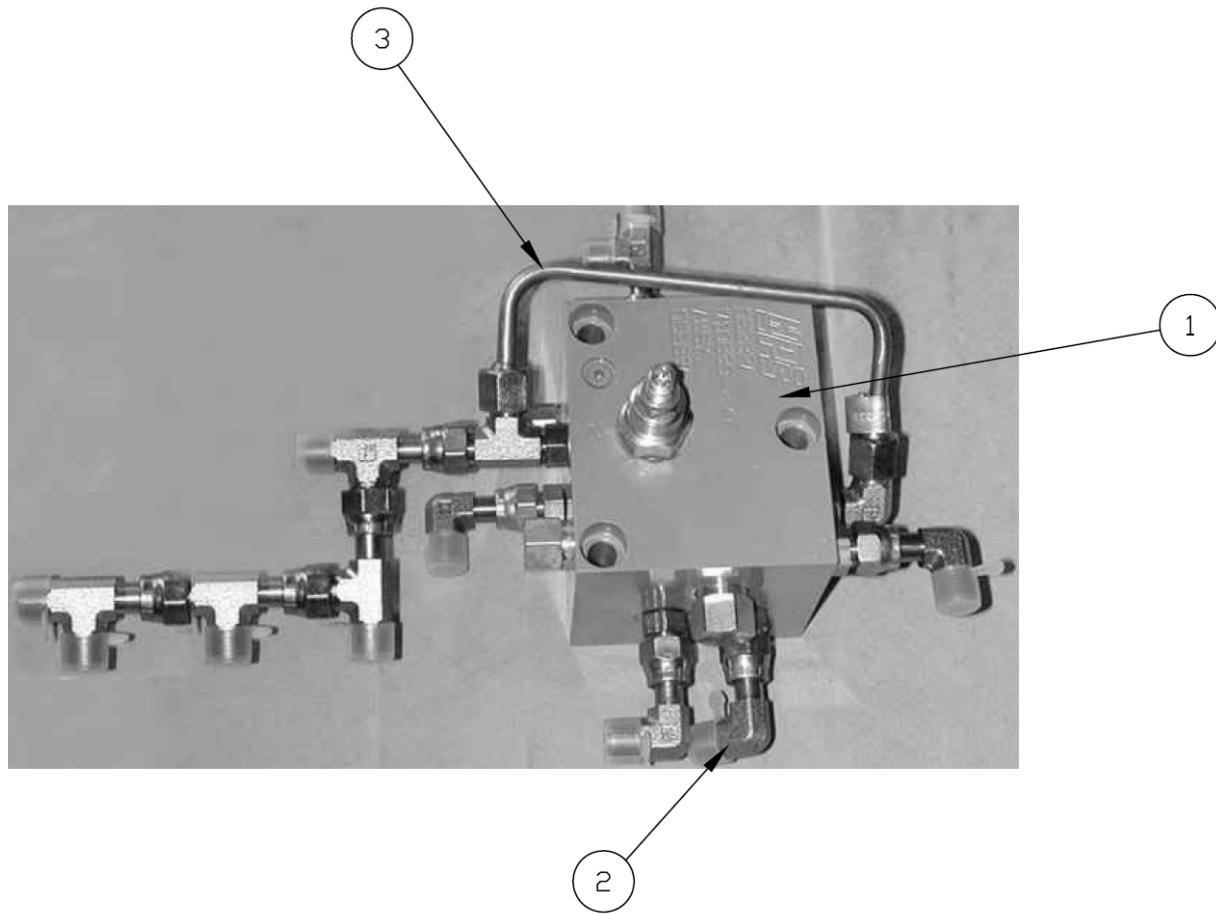


ITEM	QTY	PART NO	DESCRIPTION
1	1	038-61-002	AS - LOAD SENSE MANIFOLD GHS
2	3	CAT# 3B-7614	CAT SOCKET-HEAD CAP SCREW, 3/8-16X4

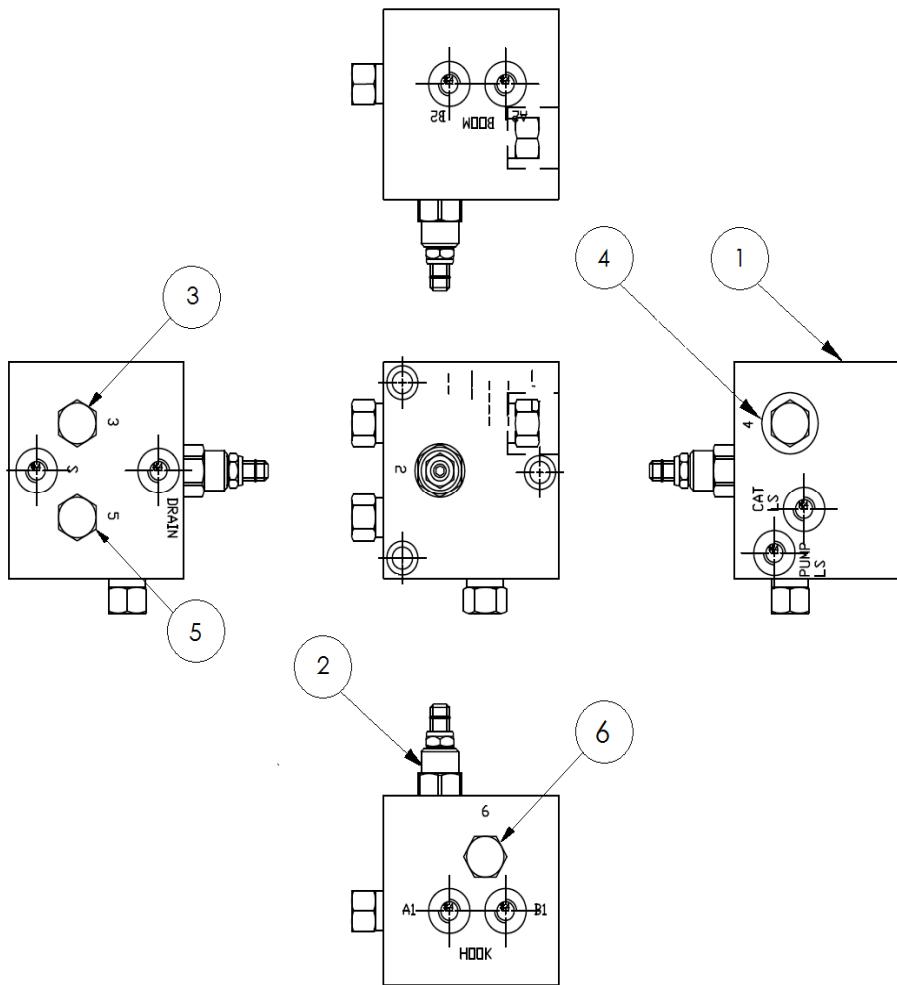


032-61-43-003B

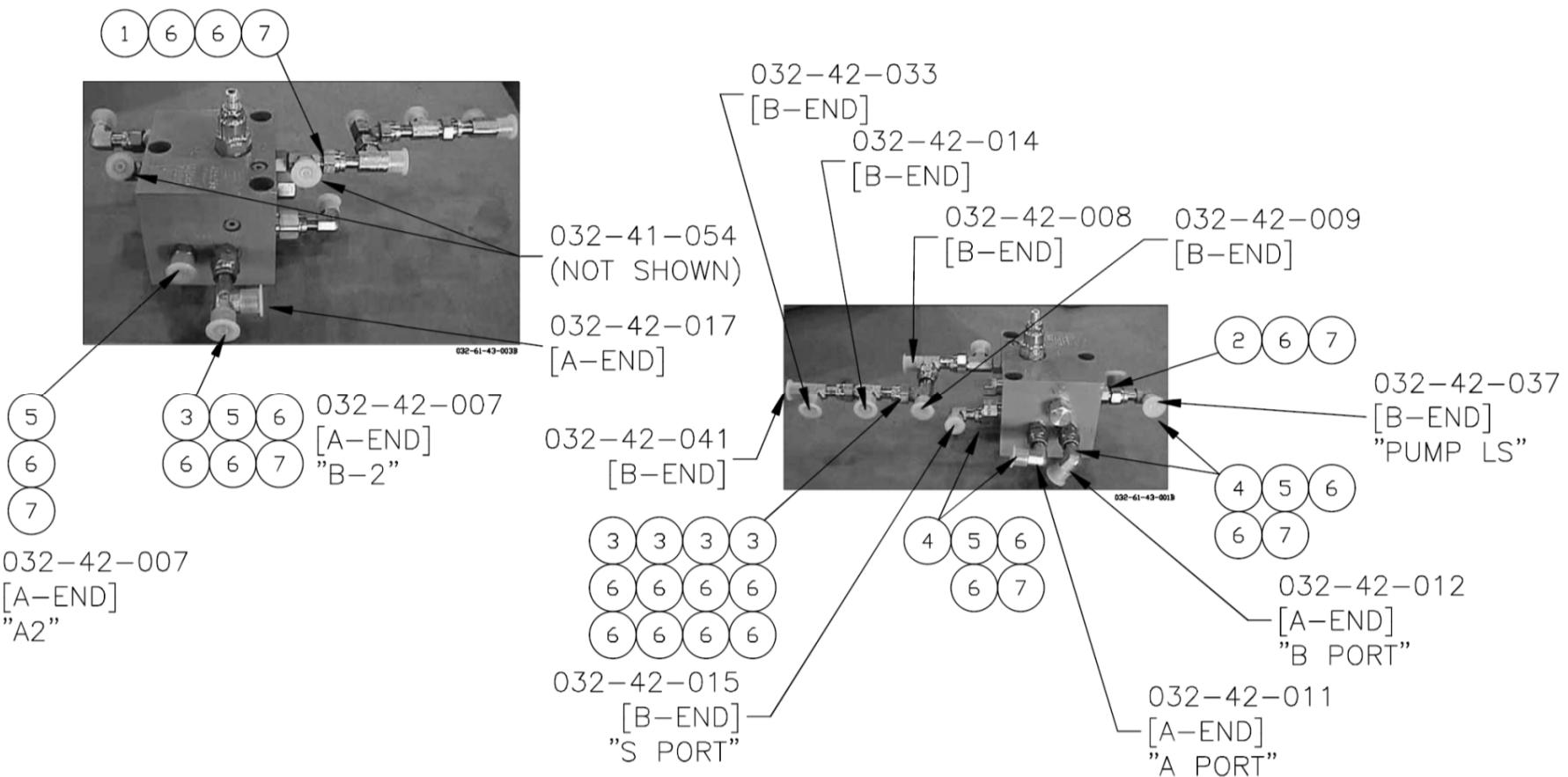
ITEM	QTY	PART NO	DESCRIPTION
1	1	032-61-002	FC - LOAD SENSE MANF ASSEMBLY
2	1	038-43-015	FITTINGS KIT - LOAD SENSE GROUP GHS



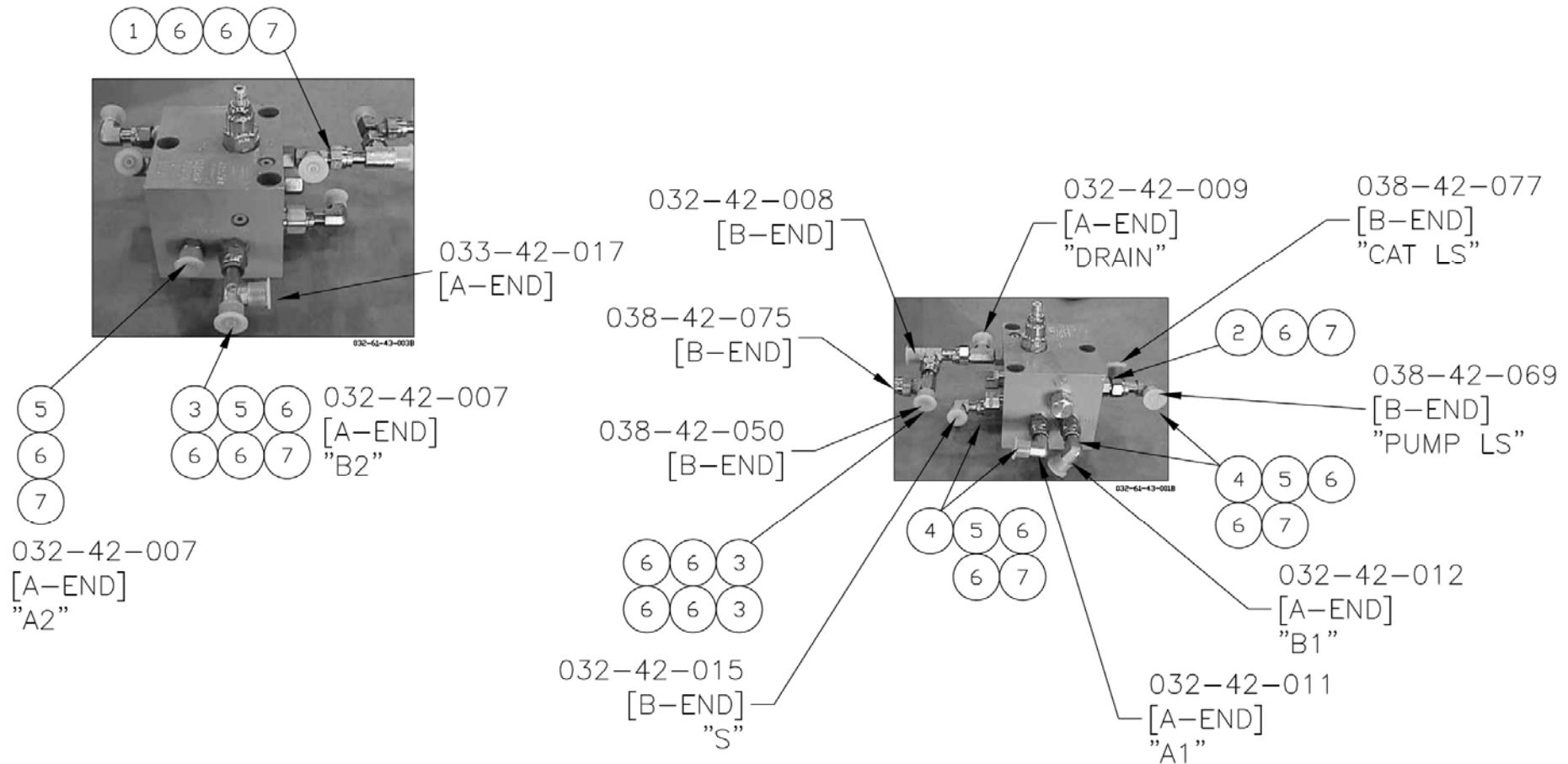
ITEM	QTY	PART NO	DESCRIPTION
1	1	032-61-002	FC - LOAD SENSE MANF ASSEMBLY
2	1	032-43-004	FITTINGS KIT - LOAD SENSE GROUP
3	1	032-41-054	TUBE ASSEMBLY



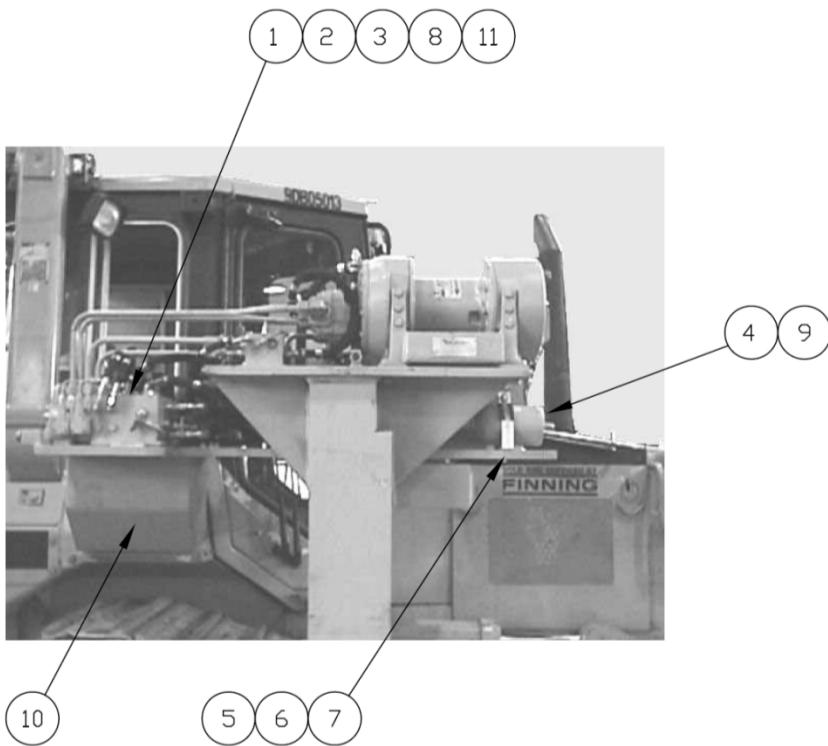
ITEM	QTY	PART NO	DESCRIPTION
1	1	100667	MANIFOLD
2	1	100668	3-WAY VALVE
3	1	100662	SHUTTLE VALVE
4	1	100662	SHUTTLE VALVE
5	1	100662	SHUTTLE VALVE
6	1	100662	SHUTTLE VALVE



ITEM	QTY	PART NO	DESCRIPTION
1	1	CAT# 6V-8780	ORFS MALE/ORFS MALE/STOR BOSS - TEE -4-4-4
2	1	CAT# 6V-8628	ORFS MALE/STOR BOSS - 90° ELBOW -4-4
3	5	CAT# 6V-9835	ORFS MALE/ORFS MALE/ORFS FEMALE SWIVEL-TEE -4-4-4
4	4	CAT# 6V-9849	ORFS MALE/ORFS FEMALE SWIVEL 90° ELBOW -4-4
5	6	CAT# 6V-8647	ORFS MALE/STOR BOSS -4-4
6	23	CAT# 4J-5477	O-RING ORFS NITRILE 90-DURO
7	8	CAT# 3J-7354	O-RING STOR NITRILE 90-DURO

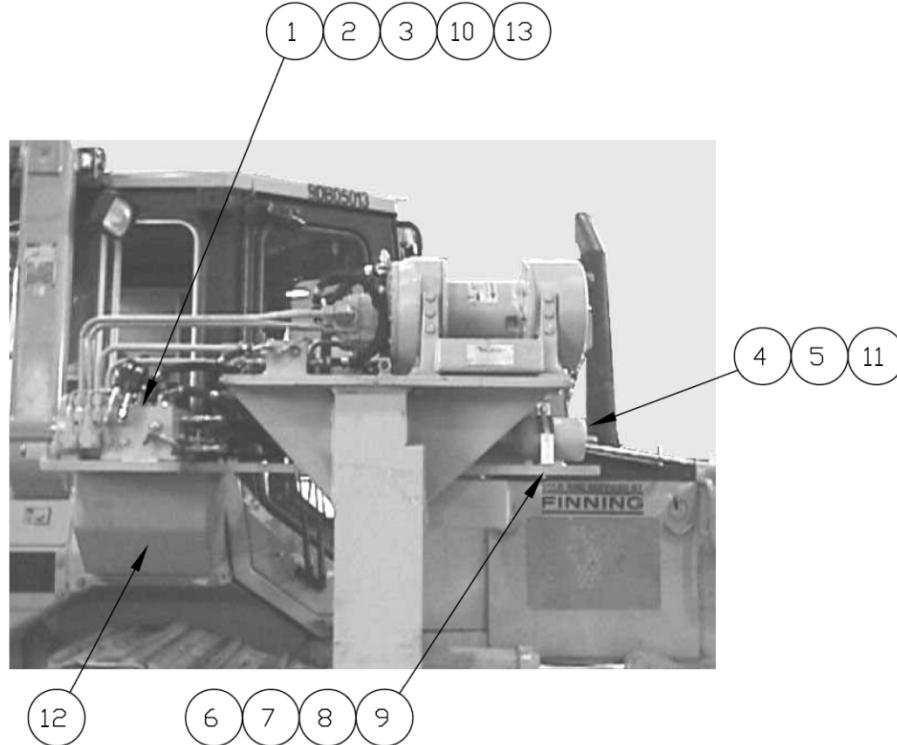


ITEM	QTY	PART NO	DESCRIPTION
1	1	CAT# 6V-8780	ORFS MALE/ORFS MALE/STOR BOSS - TEE -4-4-4
2	1	CAT# 6V-8628	ORFS MALE/STOR BOSS - 90° ELBOW -4-4
3	3	CAT# 6V-9835	ORFS MALE/ORFS MALE/ORFS FEMALE SWIVEL-TEE -4-4-4
4	4	CAT# 6V-9849	ORFS MALE/ORFS FEMALE SWIVEL 90° ELBOW -4-4
5	6	CAT# 6V-8647	ORFS MALE/STOR BOSS -4-4
6	19	CAT# 4J-5477	O-RING ORFS NITRILE 90-DURO
7	8	CAT# 3J-7354	O-RING STOR NITRILE 90-DURO



REPLACES 033-62-001
USED ON: D6N0146-UP

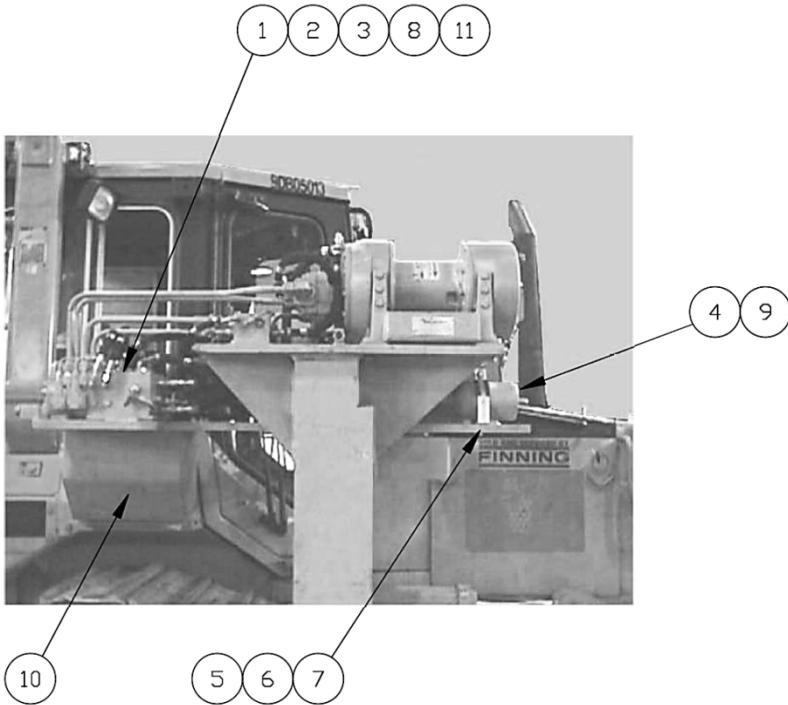
ITEM	QTY	PART NO	DESCRIPTION
1	1	033-62-002	FC - MAIN CONTROL VALVE
2	4	CAT# 8T-4195	HHCS M10 X 1.5 X 30MM
3	4	CAT# 6V-5839	M10 FLAT HARD WASHER
4	1	040-60-021	AS - ACCUM CHARGED (1L-54.5BAR/790PSI)
5	2	CAT# 7X-0818	BOLT, HEX HD M8 x 1.25 x 45, ZINC PLATED
6	4	CAT# 8T-4224	WASHER, M8 FLAT HARDENED, ZINC PLATED
7	2	CAT# 5C-7261	NUT, M8 x 1.25, HARDENED, ZINC PLATED
8	1	032-43-003	AS - FITTINGS KIT, WINCH CONTROL MFLD
9	1	032-43-011	FITTINGS KIT ACCUMULATOR
10	1	032-43-010	FITTINGS KIT - HOSE GUARD HOSE CLAMPS
11	1	032-62-002	PLATE - D6180 MANIFOLD HOLD DOWN (PART OF RH STRUCTURE)



ASSEMBLY NO LONGER USED, SEE S/N RANGE BELOW:

S/N RANGES:
S/N D6M0021-D6M0142
S/N D6N0022-D6N0145
P/N CHANGE: 033-62-003

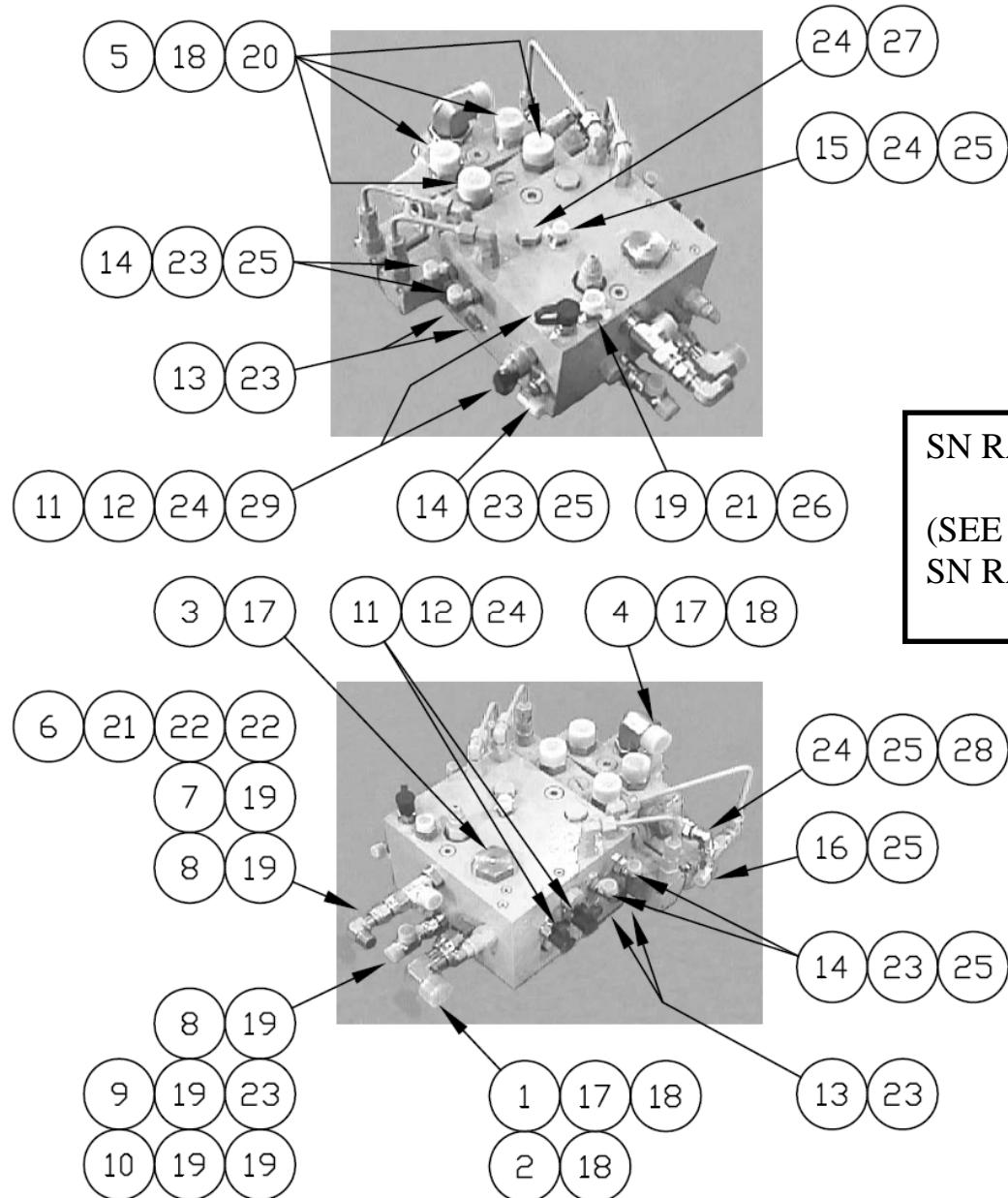
ITEM	QTY	PART NO	DESCRIPTION
1	1	100905	AS - WINCH CONTROL MANIFOLD
2	4	CAT# 8T-4195	HHCS M10 X 1.5 X 30MM
3	4	CAT# 6V-5839	M10 FLAT HARD WASHER
4	1	CAT# 112-8145	ACCUMULATOR
5	1	CAT# 112-8146	MOUNTING BRACKET
6	1	032-42-016	HOSE ASSEMBLY
7	2	CAT# 7X-0818	BOLT, HEX HD M8 x 1.25 x 45, ZINC PLATED
8	4	CAT# 8T-4224	WASHER, M8 FLAT HARDENED, ZINC PLATED
9	2	CAT# 5C-7261	NUT, M8 x 1.25, HARDENED, ZINC PLATED
10	1	032-43-003	AS - FITTINGS KIT, WINCH CONTROL MFLD
11	1	032-43-011	FITTINGS KIT ACCUMULATOR
12	1	032-43-010	FITTINGS KIT - HOSE GUARD HOSE CLAMPS
13	1	032-62-002	PLATE - MANIFOLD HOLD DOWN (PART OF RH STRUCTURE)



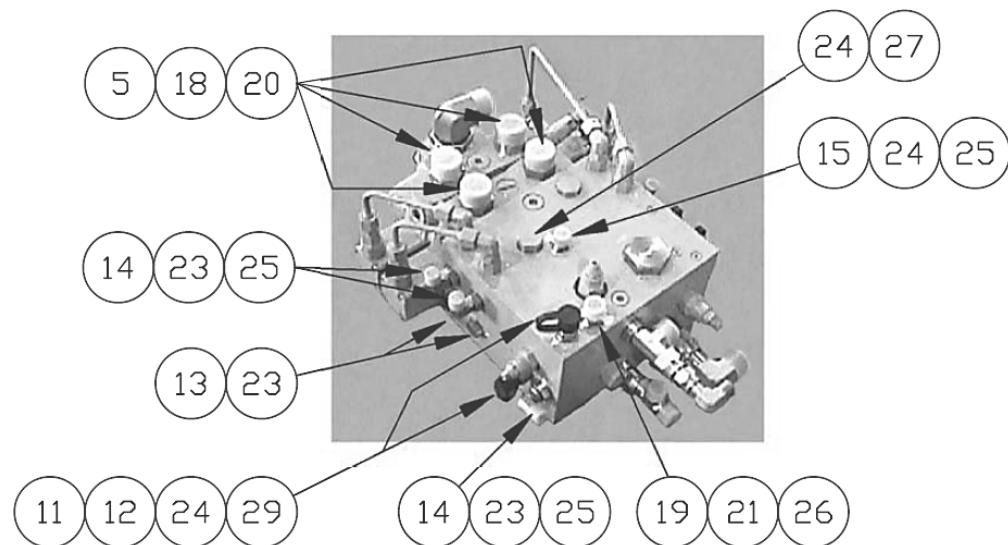
SN RANGE: 038050090021-UP

(SEE 033-62-003 FOR
SN RANGE: 038050080021-UP)

ITEM	QTY	PART NO	DESCRIPTION
1	1	033-62-002	FC - MAIN CONTROL VALVE
2	4	CAT# 8T-4195	HHCS M10 X 1.5 X 30MM
3	4	CAT# 6V-5839	M10 FLAT HARD WASHER
4	1	040-60-021	AS - ACCUM CHARGED (1L-54.5BAR/790PSI)
5	2	CAT# 7X-0818	BOLT, HEX HD M8 x 1.25 x 45, ZINC PLATED
6	4	CAT# 8T-4224	WASHER, M8 FLAT HARDENED, ZINC PLATED
7	2	CAT# 5C-7261	NUT, M8 x 1.25, HARDENED, ZINC PLATED
8	1	038-43-019	AS - WINCH CONT MANF FITTINGS
9	1	032-43-011	FITTINGS KIT ACCUMULATOR
10	1	032-43-010	FITTINGS KIT - HOSE GUARD HOSE CLAMPS
11	1	032-62-002	PLATE - D6180 MANIFOLD HOLD DOWN (PART OF RH STRUCTURE)

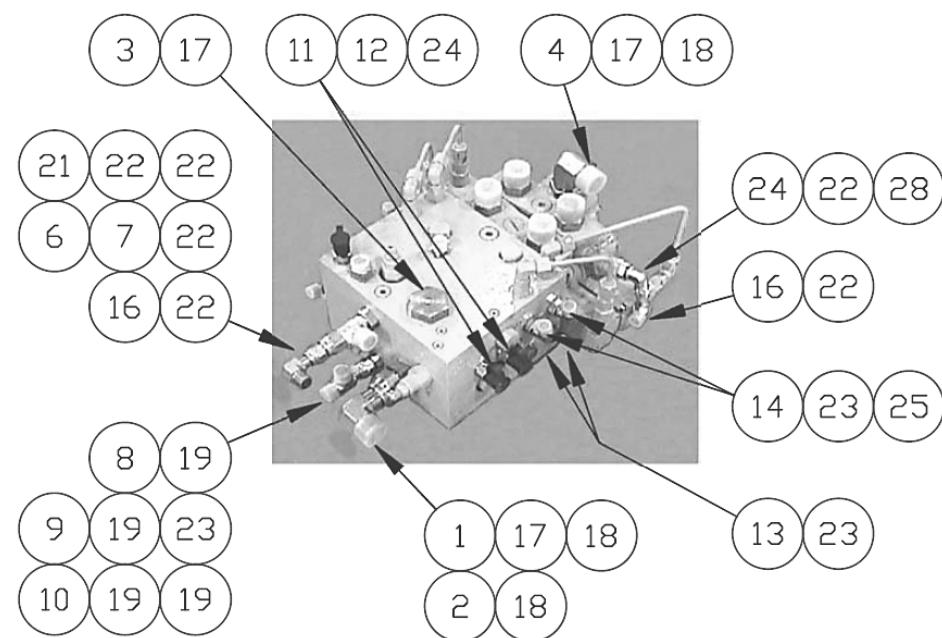


FITTINGS KIT - WINCH CONTROL MANIFOLD				032-43-003
ITEM	QTY	PART NO	DESCRIPTION	
1	1	CAT# 6V-8716	ORFS MALE / STOR BOSS -12 -16	
2	1	CAT# 6V-9853	ORFS MALE / ORFS FEMALE SWIVEL 90° -12 -12	
3	1	CAT# 9S-4181	STRAIGHT THREAD O-RING HEX PLUG -16	
4	1	CAT# 6V-9182	ORFS MALE / STOR BOSS - 90° ELBOW -12 -16	
5	4	CAT# 6V-8637	ORFS MALE / STOR BOSS -12 -12	
6	1	CAT# 6V-8782	ORFS MALE / ORFS MALE / STOR BOSS - TEE -8 -8 -8	
7	1	CAT# 6V-8936	ORFS MALE / ORFS FEMALE SWIVEL - CAPTIVE NUT -6 -8	
8	2	CAT# 6V-9850	ORFS MALE / ORFS FEMALE SWIVEL 90° ELBOW -6 -6	
9	1	CAT# 6V-8636	ORFS MALE / STOR BOSS -6 -6	
10	1	CAT# 6V-9836	ORFS MALE / ORFS MALE / ORFS FEMALE SWIVEL - TEE -6 -6 -6	
11	4	CAT# 6V-0852	DUST CAP CLOSURE (PARK# HQCPD6 - 285)	
12	4	PARK# PD341	TEST NIPPLE	
13	4	CAT# 9S-4191	STOR BOSS HEX HEAD PLUG -6	
14	5	CAT# 6V-8627	ORFS MALE / STOR BOSS - 90° ELBOW -4 -6	
15	1	CAT# 6V-8647	ORFS MALE / STOR BOSS -4 -4	
16	1	CAT# 6V-9849	ORFS MALE / ORFS FEMALE SWIVEL - 90° ELBOW -4 -4	
17	3	CAT# 7M-8485	O-RING STOR -16	
18	7	CAT# 6V-9746	O-RING ORFS -12	
19	7	CAT# 6V-8397	O-RING ORFS -6	
20	4	CAT# 3D-2824	O-RING STOR -12	
21	2	CAT# 3K-0360	O-RING STOR -8	
22	2	CAT# 6V-8398	O-RING ORFS -8	
23	10	CAT# 3J-1907	O-RING STOR -6	
24	6	CAT# 3J-7354	O-RING STOR -4	
25	8	CAT# 4J-5477	O-RING ORFS -4	
26	1	CAT# 6V-8634	ORFS MALE / STOR BOSS -6 -8	
27	1	CAT# 9S-4182	STOR HEX HD PLUG -4	
28	1	CAT# 6V-8628	ORFS MALE / STORE BOSS MALE 90° ELBOW -4	

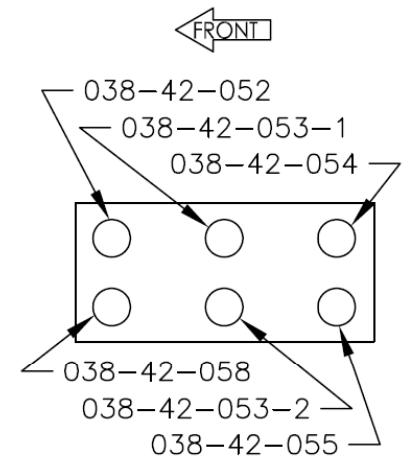
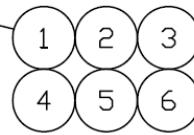
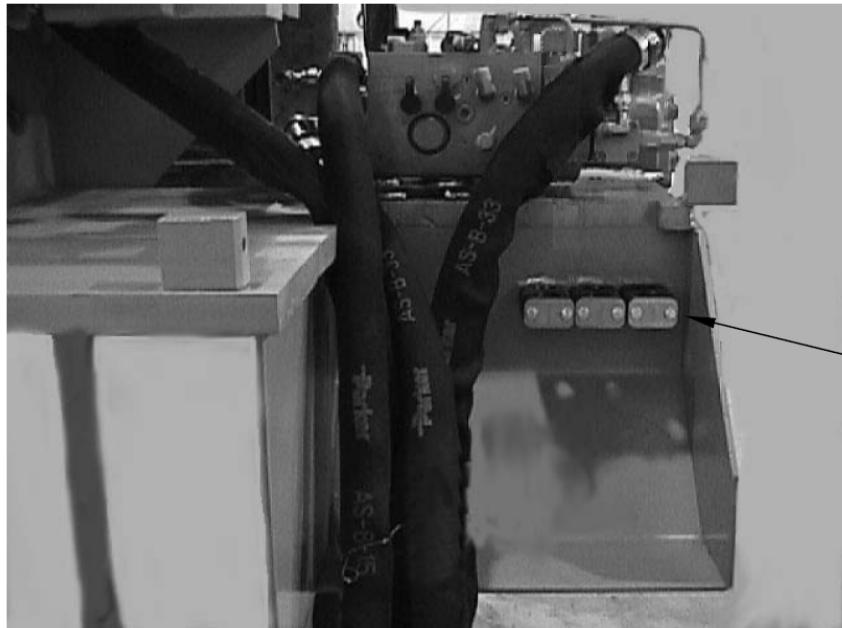


SN RANGE: 038050090021-UP

(SEE 032-43-003 FOR
SN RANGE:038050080021-UP)



FITTINGS KIT - WINCH CONT MANIFOLD				038-43-019
ITEM	QTY	PART NO	DESCRIPTION	
1	1	CAT# 6V-8716	ORFS MALE / STOR BOSS -12 -16	
2	1	CAT# 6V-9853	ORFS MALE / ORFS FEMALE SWIVEL 90° -12 -12	
3	1	CAT# 9S-4181	STRAIGHT THREAD O-RING HEX PLUG -16	
4	1	CAT# 6V-9182	ORFS MALE / STOR BOSS - 90° ELBOW -12 -16	
5	4	CAT# 6V-8637	ORFS MALE / STOR BOSS -12 -12	
6	1	CAT# 6V-8782	ORFS MALE / ORFS MALE / STOR BOSS - TEE -8 -8 -8	
7	1	PARK# 8 LOHL6-S	FF - ORFS M/ORFS FM SW -8/-8	
8	1	CAT# 6V-9850	ORFS MALE / ORFS FEMALE SWIVEL 90° ELBOW -6 -6	
9	1	CAT# 6V-8636	ORFS MALE / STOR BOSS -6 -6	
10	1	CAT# 6V-9836	ORFS MALE / ORFS MALE / ORFS FEMALE SWIVEL - TEE -6 -6 -6	
11	4	CAT# 6V-0852	DUST CAP CLOSURE (PARK# HQCPD6 - 285)	
12	4	PARK# PD341	TEST NIPPLE	
13	4	CAT# 9S-4191	STOR BOSS HEX HEAD PLUG -6	
14	5	CAT# 6V-8627	ORFS MALE / STOR BOSS - 90° ELBOW -4 -6	
15	1	CAT# 6V-8647	ORFS MALE / STOR BOSS -4 -4	
16	2	CAT# 6V-9851	ORFS MALE / ORFS FEMALE SWIVEL - 90° ELBOW -8 -8	
17	3	CAT# 7M-8485	O-RING STOR -16	
18	7	CAT# 6V-9746	O-RING ORFS -12	
19	5	CAT# 6V-8397	O-RING ORFS -6	
20	4	CAT# 3D-2824	O-RING STORE -12	
21	2	CAT# 3K-0360	O-RING STOR -8	
22	6	CAT# 6V-8398	O-RING ORFS -8	
23	10	CAT# 3J-1907	O-RING STOR -6	
24	6	CAT# 3J-7354	O-RING STOR -4	
25	6	CAT# 4J-5477	O-RING ORFS -4	
26	1	CAT# 6V-8634	ORFS MALE / STOR BOSS -6 -8	
27	1	CAT# 9S-4182	STOR HEX HD PLUG -4	
28	1	PARK# 8-4 C5OLO-S	FF - 90 WL ORFS MALE / STORE BOSS -8 / -4	

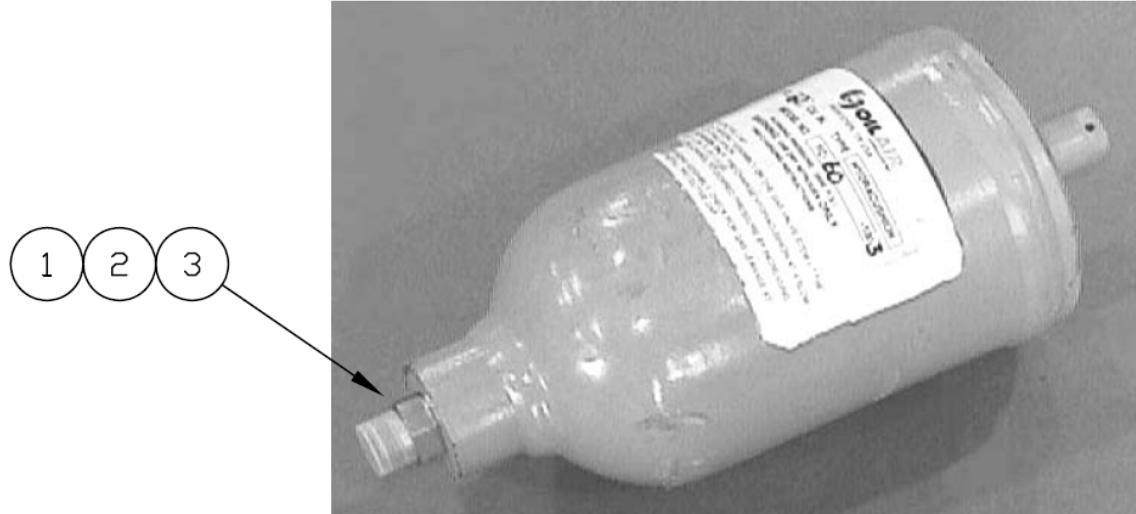


HOSE ARRANGEMENT REF.
PLAN VIEW OF CLAMPS

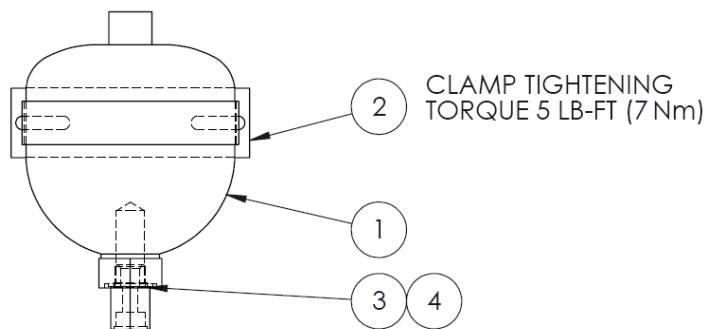
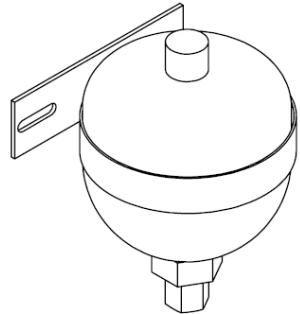
ITEM	QTY	PART NO	DESCRIPTION
1	6	PARK# H3205PP	HOSE CLAMP
2	3	PARK# CP-3	COVER PLATE
3	6	PARK#BCP-3BP	BOLT
4	3	PARK#LP-3	LOCK PLATE
5	6	PARK#SB-3	STACKING BOLT
6	3	PARK#WP-3	WELD PLATE

FITTINGS KIT - ACCUMULATOR

032-43-011



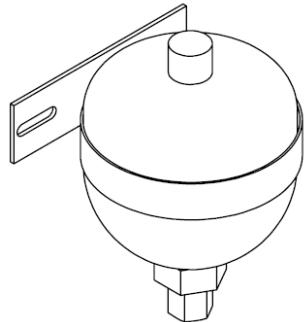
ITEM	QTY	PART NO	DESCRIPTION
1	1	CAT# 6V-8634	ORFS ADAPTER – ORFS MALE / STOR BOSS -6 -8
2	1	CAT# 6V-8397	O-RING ORFS NITRILE 90 DURO -6
3	1	CAT# 3K-0360	O-RING SAE STOR NITRILE 90 DURO -8



NOTE:

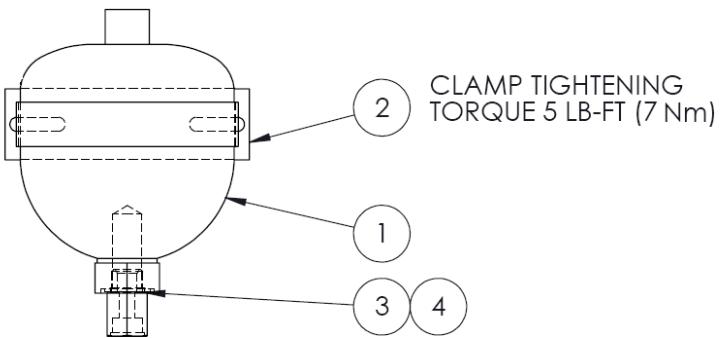
1. CAN NOT BE SHIPPED AIR FREIGHT
2. USE OEM "DOT" DOCUMENTS FOR GROUND SHIPPING
3. SEE 040-60-022 FOR AIR FREIGHT FIELD REPLACEMENT

ITEM	QTY	PART NO	DESCRIPTION
1	1	006-60-012	FC - ACCUM CHARGED (1L-54.5BAR/790PSI)
2	1	006-60-013	FC - ACCUM BRKT (E136, ELM 1L)
3	1	CAT# 6V-0407	FF - O RING, BSPP DOWTY PORT SEAL -8
4	1	CAT# 8T-7913	FF - STOR PORT/ BSPP MALE -8/-8



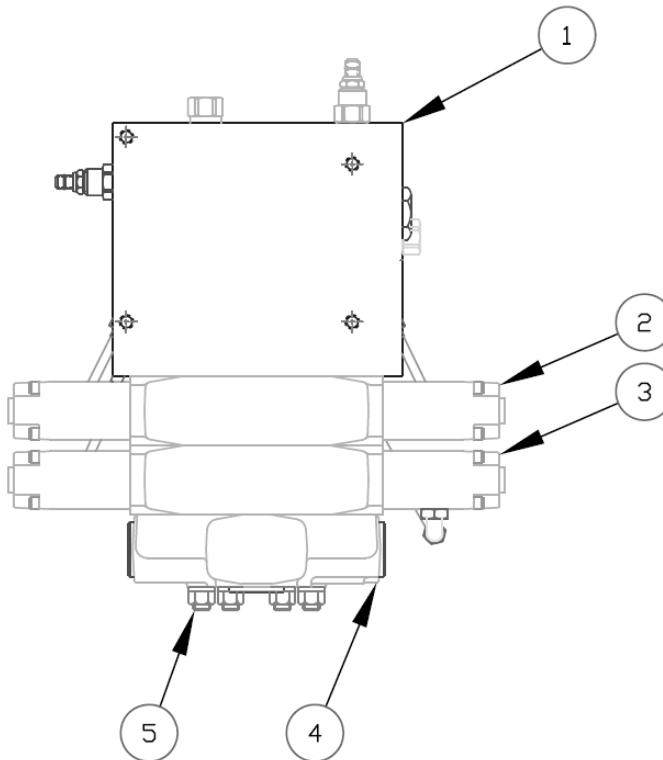
NOTE:

1. FIELD REPLACEMENT - DISCHARGED FOR SHIPPING PURPOSES
2. AIR FREIGHT MUST BE SHIPPED DISCHARGED
3. MUST BE TAGGED AS "DISCHARGED FOR SHIPPING PURPOSES"



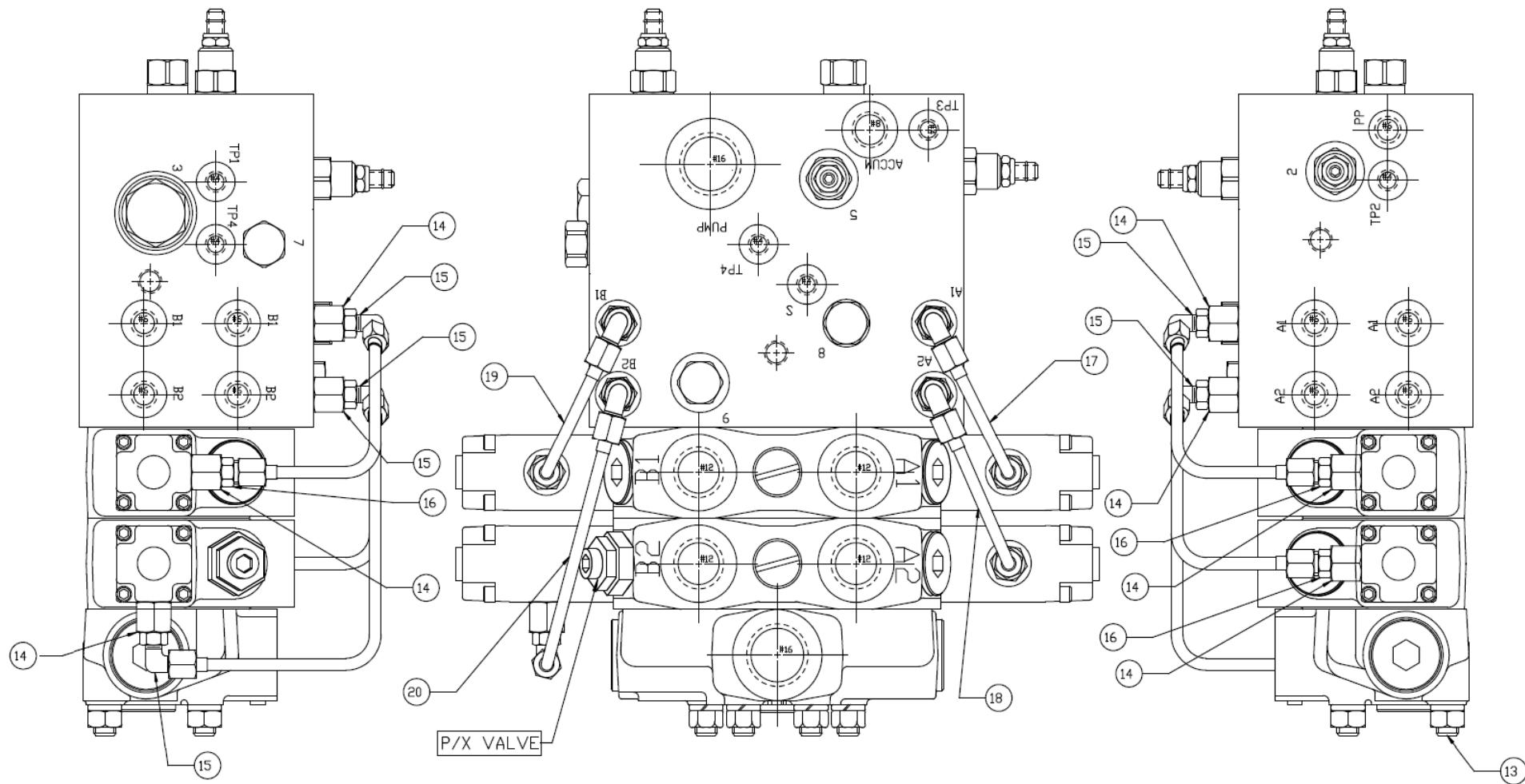
ITEM	QTY	PART NO	DESCRIPTION
1	1	006-60-014	FC - ACCUM DISCHARGED (1L)
2	1	006-60-013	FC - ACCUM BRKT (E136, ELM 1L)
3	1	CAT# 6V-0407	FF - O RING, BSPP DOWTY PORT SEAL -8
4	1	CAT# 8T-7913	FF - STOR PORT/ BSPP MALE -8/-8

NOTES:

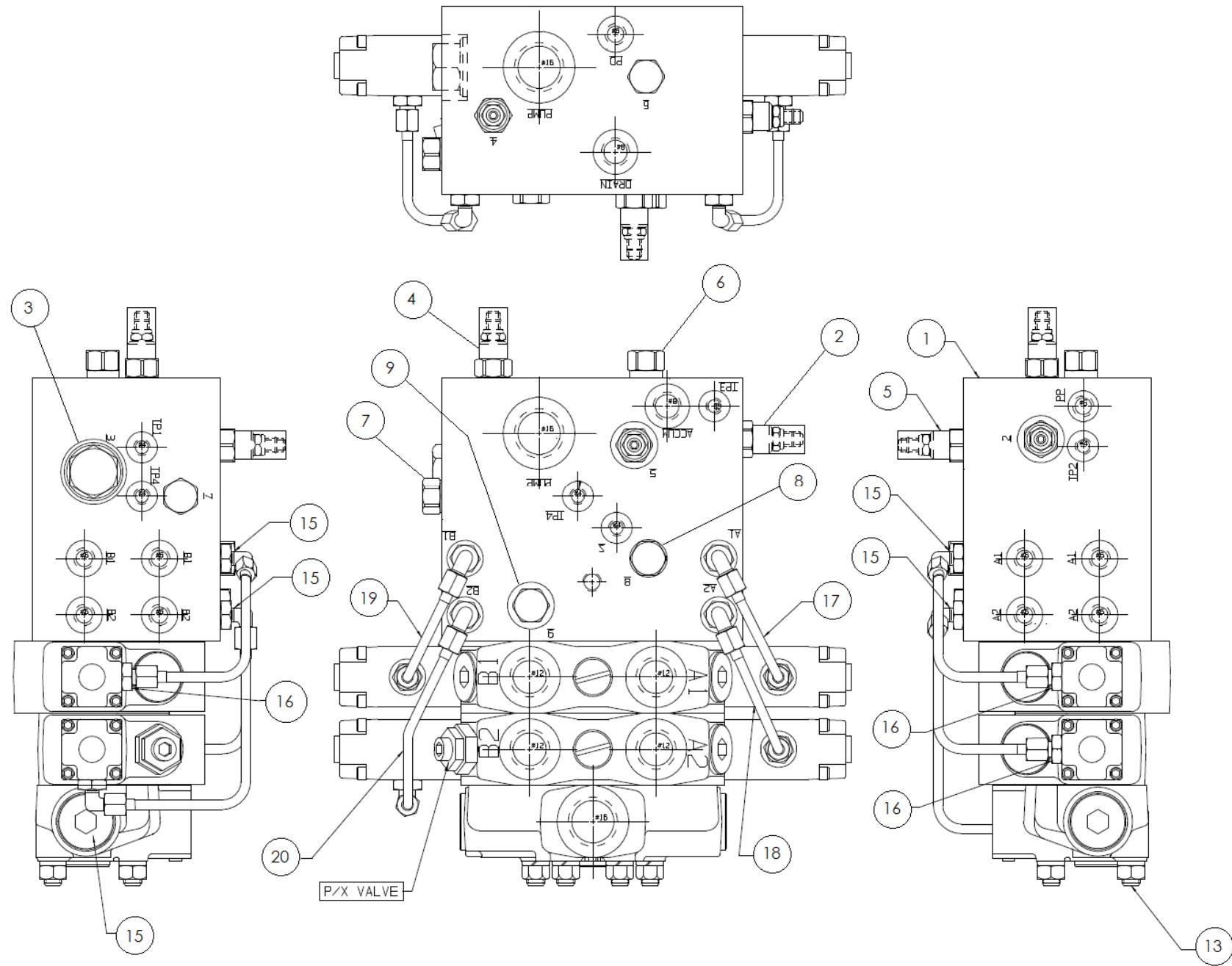


TORQUE TIE RODS
TO 30 LB-FT (40Nm).
DO NOT USE THREAD
LOCKING FLUID.

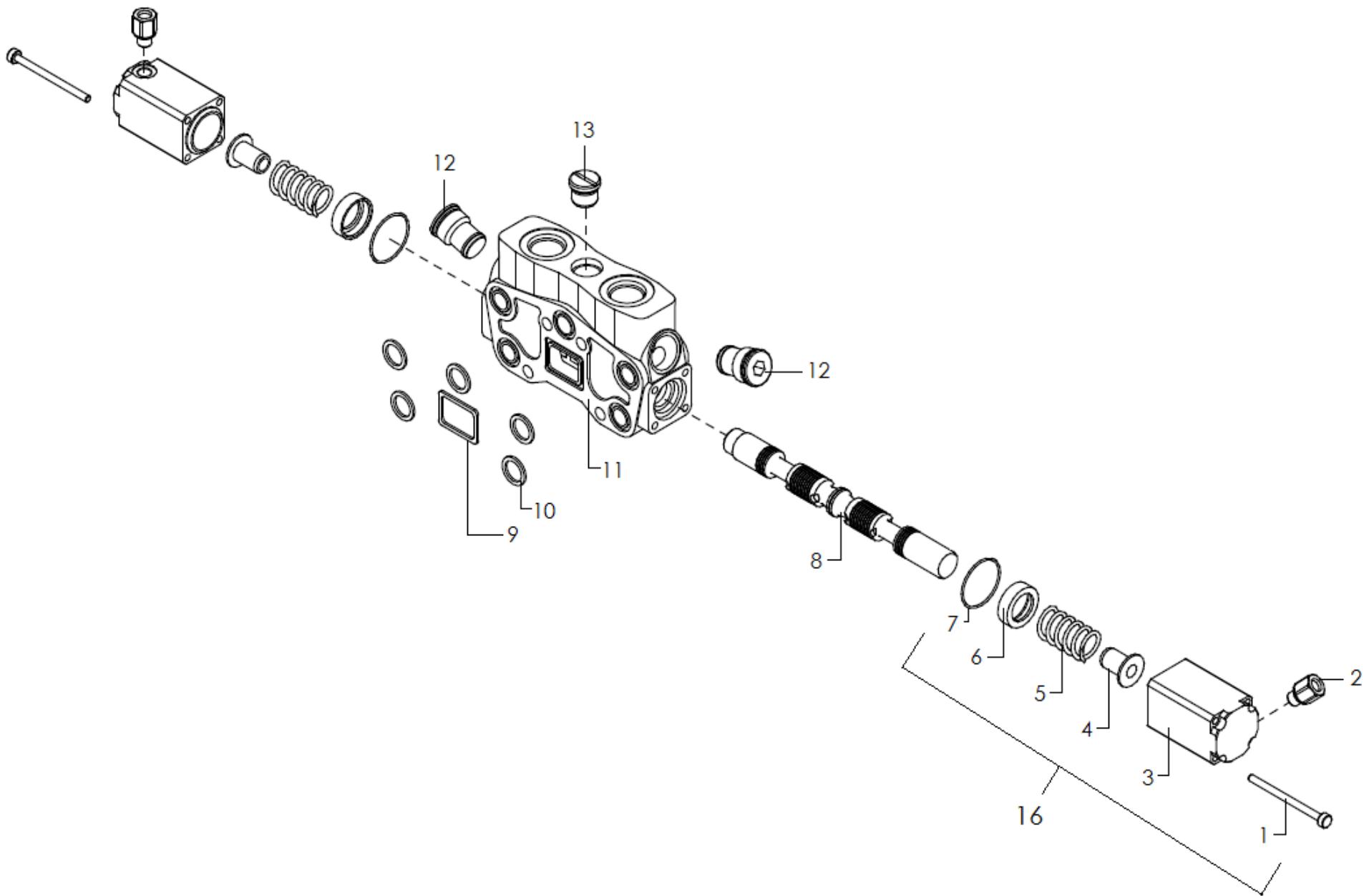
ITEM	QTY	PART NO	DESCRIPTION
1	1	006-62-012	FC - MAIN CONTROL
2	1	006-62-008	FC - MAIN CONTROL HOOK
3	1	006-62-009	FC - MAIN CONTROL BOOM
4	1	006-62-003	FC - MAIN CONTROL OUTLET
5	1	006-62-001	FC - TIE ROD KIT



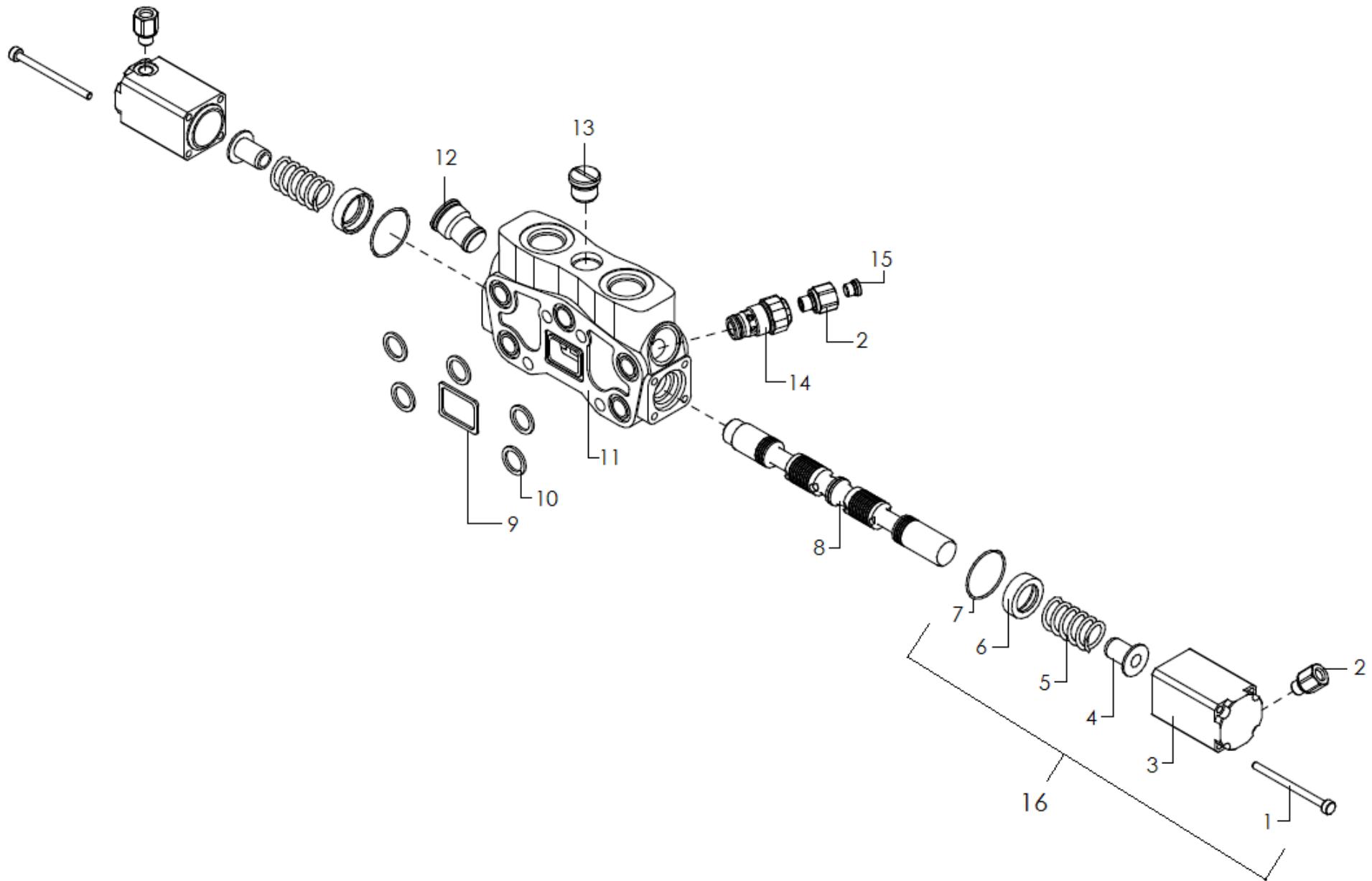
AS - WINCH CONTROL MANIFOLD - DUCTILE IRON				100905
ITEM	QTY	PART NO	DESCRIPTION	
1	1	100906	WINCH CONTROL MANIFOLD – DUCTILE IRON	
2	1	100907	RELIEF VALVE	
3	1	100546	P.O. LOGIC ELEMENT	
4	1	100668	PILOTED 3-WAY SELECTOR	
5	1	100671	PR. RED.\REL. VALVE	
6	1	100549	CHECK VALVE	
7	1	100089	SHUTTLE VALVE	
8	1	100089	SHUTTLE VALVE	
9	1	100089	SHUTTLE VALVE	
13	1	100677	SD-16 TIE-BOLT KIT	
15	5	100908	ELBOW CONNECTOR	
16	3	100908	CONNECTOR	
17	1	100910	A-1 TUBING ASSEMBLY	
18	1	100911	A-2 TUBING ASSEMBLY	
19	1	100912	B-1 TUBING ASSEMBLY	
20	1	100913	B-2 TUBING ASSEMBLY	



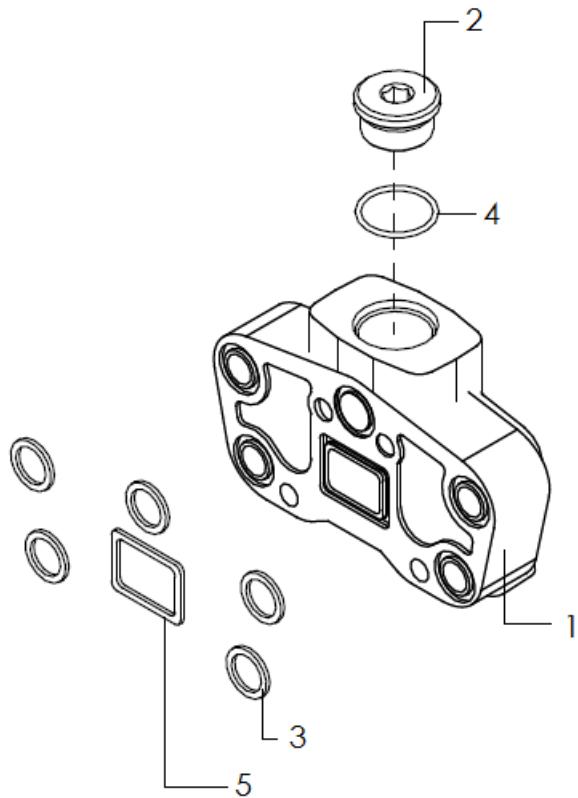
FC - MAIN CONTROL (IRON)				006-62-012
ITEM	QTY	PART NO	DESCRIPTION	
1	1	100676	MANIFOLD	
2	1	100670	RELIEF VALVE	
3	1	100546	P.O. LOGIC ELEMENT	
4	1	100668	PILOTED 3-WAY SELECTOR	
5	1	100671	PR. RED.\REL. VALVE	
6	1	100549	CHECK VALVE	
7	1	100089	SHUTTLE VALVE	
8	1	100089	SHUTTLE VALVE	
9	1	100089	SHUTTLE VALVE	
13	1	100677	TIE-BOLT KIT	
15	5	100672	ELBOW CONNECTOR	
16	3	100673	CONNECTOR	
17	1	100552	A-1 TUBING ASSEMBLY	
18	1	100553	A-2 TUBING ASSEMBLY	
19	1	100674	B-1 TUBING ASSEMBLY	
20	1	100675	B-2 TUBING ASSEMBLY	



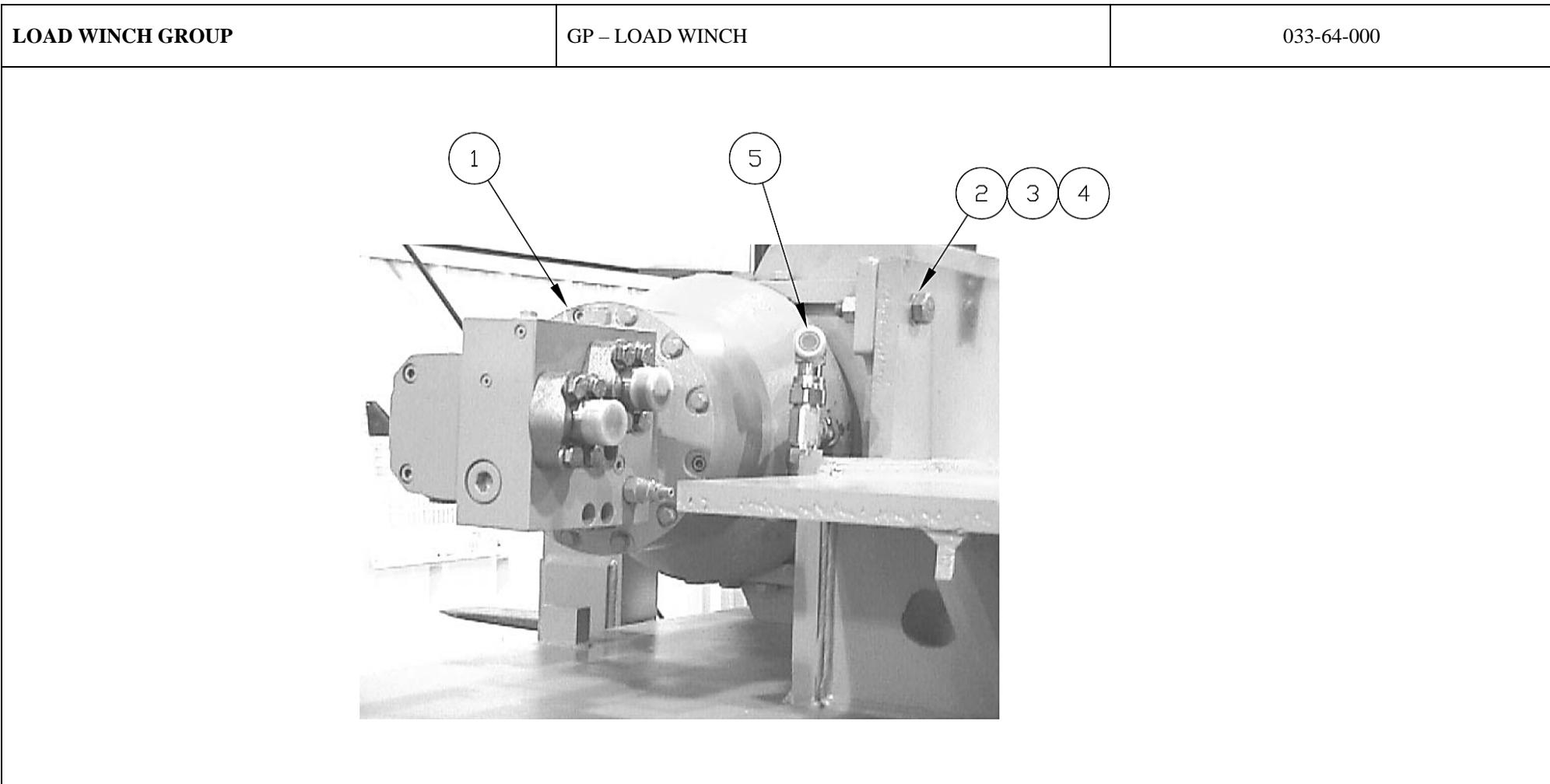
FC – MAIN CONTROL HOOK				006-62-008
ITEM	QTY	PART NO	DESCRIPTION	
1	8*	PART OF ITEM 14	M6X65 SCREW	
2	2*	PART OF ITEM 14	BSP 1/4-SAE-4 MALE-FEMALE	
3	2*	PART OF ITEM 14	IM ENDCAP	
4	2*	PART OF ITEM 14	BUSHING	
5	1*	PART OF ITEM 14	CENTERING SPRING	
6	2*	PART OF ITEM 14	CENTERING BUSHING	
7	2*	PART OF ITEM 14	O-RING SEAL	
8	1	100684	SPOOL	
9	1	100685	O-RING SEAL	
10	5	100686	O-RING SEAL	
11	1	100687	SAE WORKING SECTION	
12	2	100688	FPM PLUG	
13	1	100689	PLUG	
14	1*	100798	ORDER KIT FOR ITEMS 1-7	



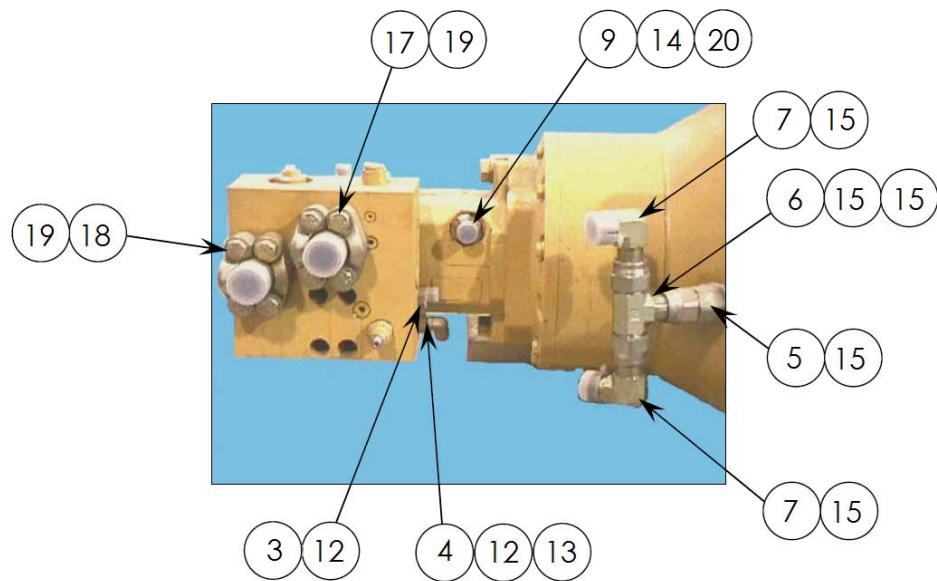
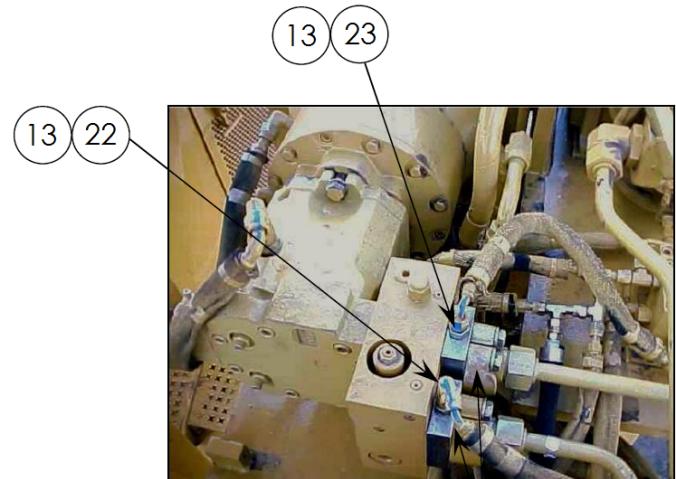
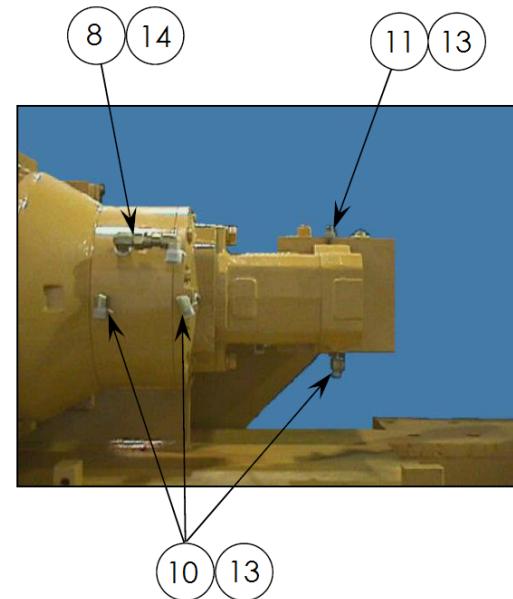
MAIN CONTROL - BOOM				006-62-009
ITEM	QTY	PART NO	DESCRIPTION	
1	8*	PART OF ITEM 16	M6X16 – 8.8 SCREW	
2	3*	PART OF ITEM 16	BSP 1/4-SAE-4 MALE-FEMALE	
3	2*	PART OF ITEM 16	IM ENDCAP	
4	2*	PART OF ITEM 16	BUSHING	
5	1*	PART OF ITEM 16	CENTERING SPRING	
6	2*	PART OF ITEM 16	CENTERING BUSHING	
7	2*	PART OF ITEM 16	O-RING SEAL	
8	1	100684	SPOOL	
9	1	100685	O-RING SEAL	
10	5	100686	O-RING SEAL	
11	1	100687	SAE WORKING SECTION	
12	1	100688	FPM PLUG	
13	1	100689	PLUG	
14	1	100690	CARTRIDGE	
15	1	100692	SAE-4 PLUG	
16	1*	100798	ORDER KIT FOR ITEMS 1-7	



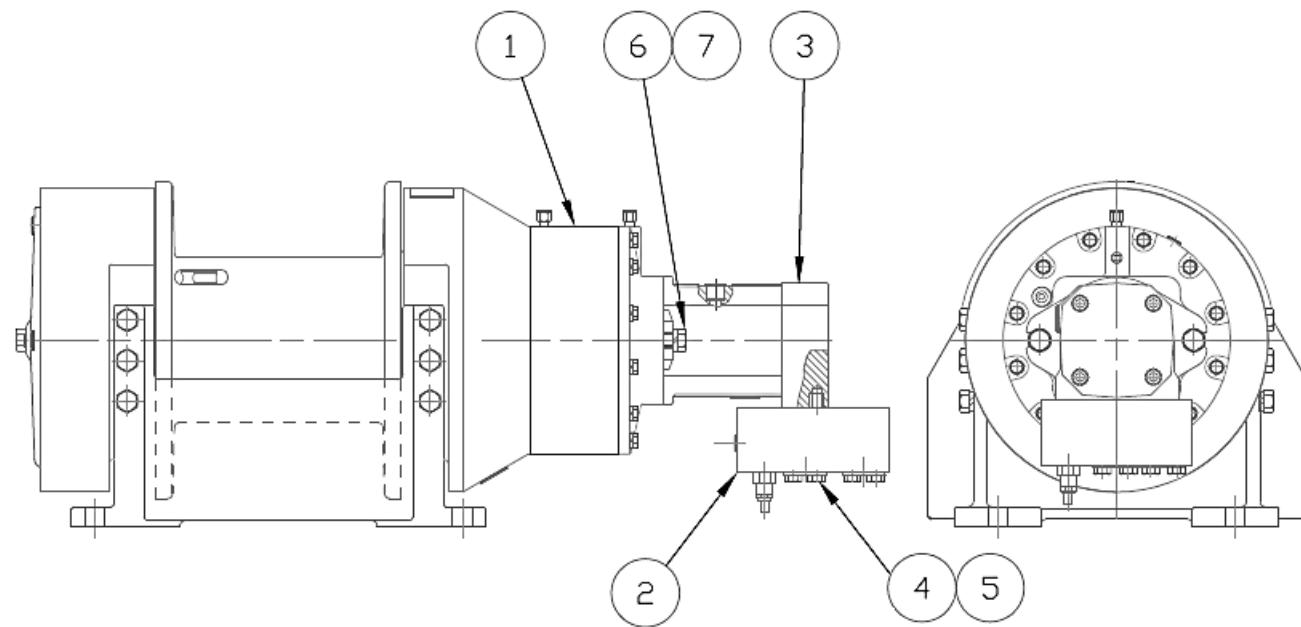
ITEM	QTY	PART NO	DESCRIPTION
1	1	100693	SAE OUTLET COVER
2	1	100694	SAE PLUG
3	5	100686	O-RING SEAL
4	1	100695	O-RING SEAL
5	1	100685	O-RING SEAL



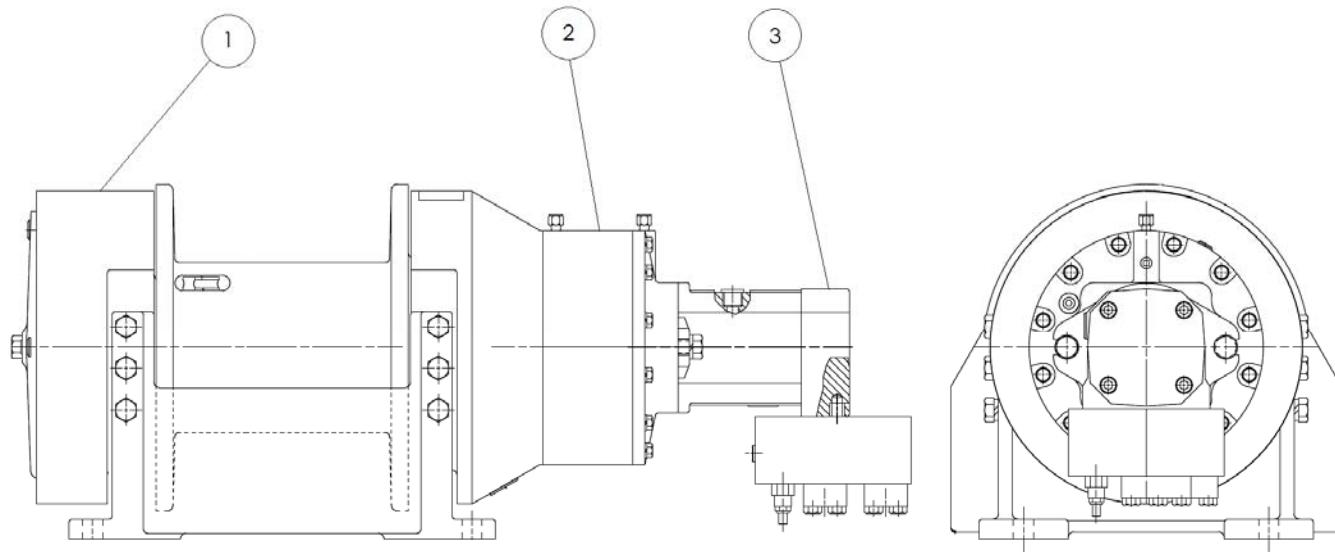
ITEM	QTY	PART NO	DESCRIPTION
1	1	038-64-002	AS – HOOK WINCH
2	4	CAT# 7X-0388	HEX HD BOLT, 7/8-9UNC X 4-1/2
3	8	CAT# 8C-6913	FLAT WASHER 7/8
4	4	CAT# 7X-0449	NUTS, 7/8-9UNC
5	1	032-43-001	FITTINGS KIT – HOOK WINCH



FITTINGS KIT – HOOK WINCH				032-43-001
ITEM	QTY	PART NO	DESCRIPTION	
1	2	PARK# 16LOHQ2	CODE 62 FLANGE CONNECTOR -16	
2	4	PARK# M2H-16	FF - CODE 62 FLANGE HALF -16, M12 BOLTING	
3	1	CAT# 6V-8641	ORFS MALE / STOR BOSS -4 -6	
4	1	CAT# 6-V8627	ORFS MALE / STOR BOSS 90° ELBOW -4 -6	
5	1	PARK# 12 VLO-S	ORFS MALE / NPTF MALE -12 -12	
6	1	CAT# 6V-9846	ORFS FMALE SWIVEL/ORFS MALE/RFS MALE-TEE-12-12-12	
7	2	CAT# 6V-9853	ORFS MALE / ORFS FEMALE SWIVEL 90° ELBOW -12 -12	
8	1	CAT# 2T-2396	ORFS MALE / MALE NPTF 90° ELBOW -8 -6	
9	1	CAT# 8T-7491	ORFS MALE / METRIC MALE -8 M22x1.5	
10	3	CAT# 7X-0492	ORFS MALE / MALE NPTF 90° ELBOW -4 -2	
11	1	CAT# 8C-6865	ORFS MALE / MALE NPTF -4 -2	
12	2	CAT# 3J-1907	O-RING STOR -6	
13	7	CAT# 4J-5477	O-RING ORFS -4	
14	2	CAT# 6V-8398	O-RING ORFS -8	
15	5	CAT# 6V-9746	O-RING ORFS -12	
16	2	CAT# 4J-0520	CODE 61 FLANGE O-RING SEALS -16	
17	4	CAT# 8T-4648	BOLT M12x1.75x70 PLATED (HOOK UP)	
18	4	CAT# 8T-5092	BOLT M12x1.75x150 PLATED (HOOK DOWN)	
19	8	CAT# 8T-4223	M12 PLATED WASHER	
20	1	100696	FF - SEAL, METRIC, 22MM	
21	2	CAT# 5K-9090	O-RING ORFS -16	
22	1	CAT# 6V-8627	-4 ORFS-6 STOR 90°D ELBOW (PARK# 4-6 C5OLO-S)	
23	1	CAT# 6V-8641	ST THD -4ORFS -6 STOR (PARK# 4-6 F5OLO-S)	
24	2	006-60-008	CODE 62 SANDWICH BLK (12 O'CLOCK TEST PORT)	



ITEM	QTY	PART NO	DESCRIPTION
1	1	033-64-001	FC - HOOK WINCH
2	1	033-64-002	FC - COMBINATION MANF
3	1	006-60-011	FC - HYD MTR 1-SP
4	4	CAT# 7X-0599	HDW - WASHER M13X20X2 FLAT, HARD, PLATED
5	4	CAT# 8T-0343	HDW - BOLT M12X1.75 UNC X 55 HEX SOC HEAD
6	2	CAT# 7X-0345	HDW - BOLT - 5/8-11 X 1.75
7	2	CAT# 8T-4122	WASHER - 5/8-INCH - HARDENED

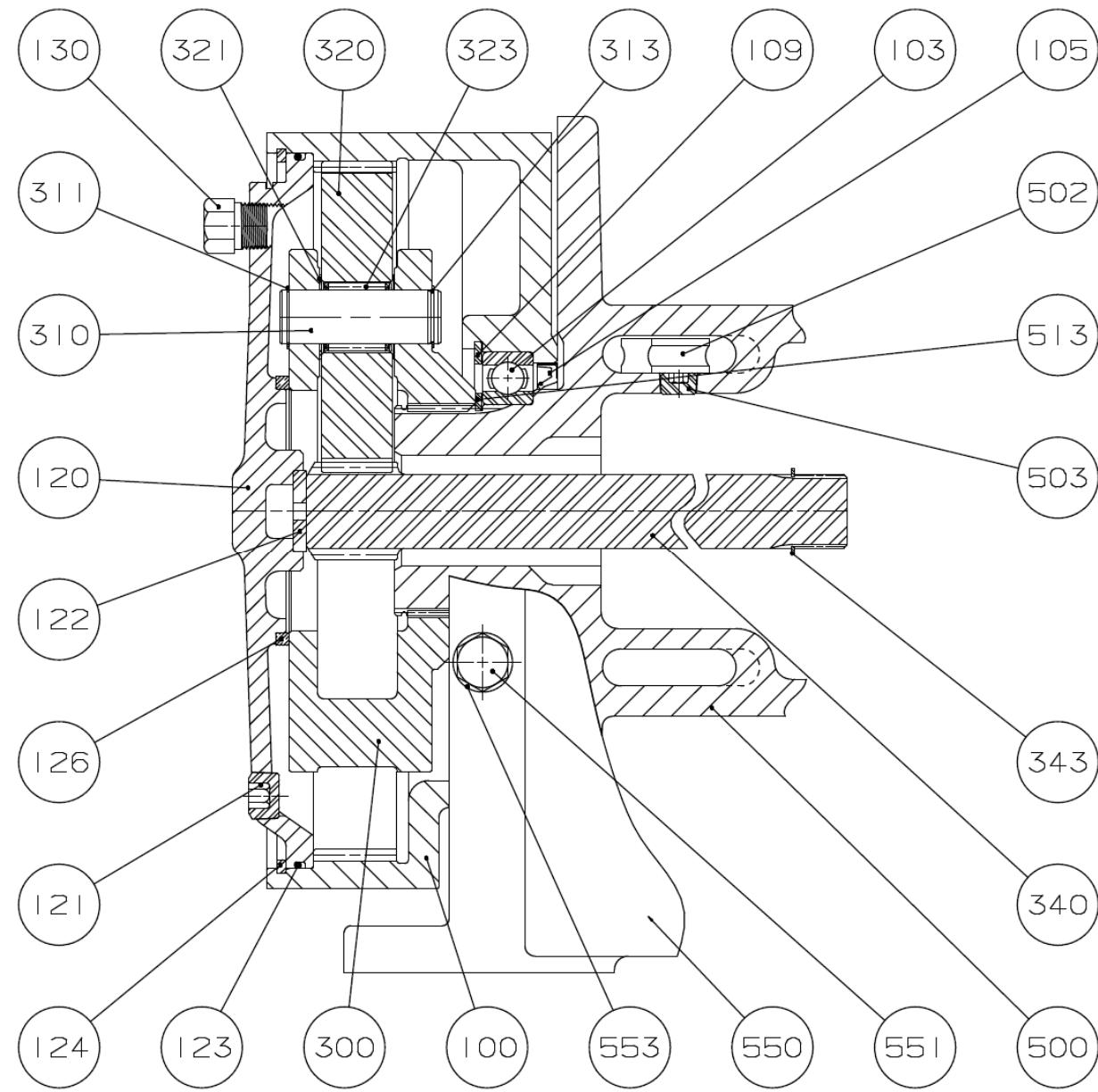


FOR SAFETY:

A MINIMUM OF 5 WRAPS OF
WIRE ROPE MUST BE MAINTAINED
AT ALL TIMES

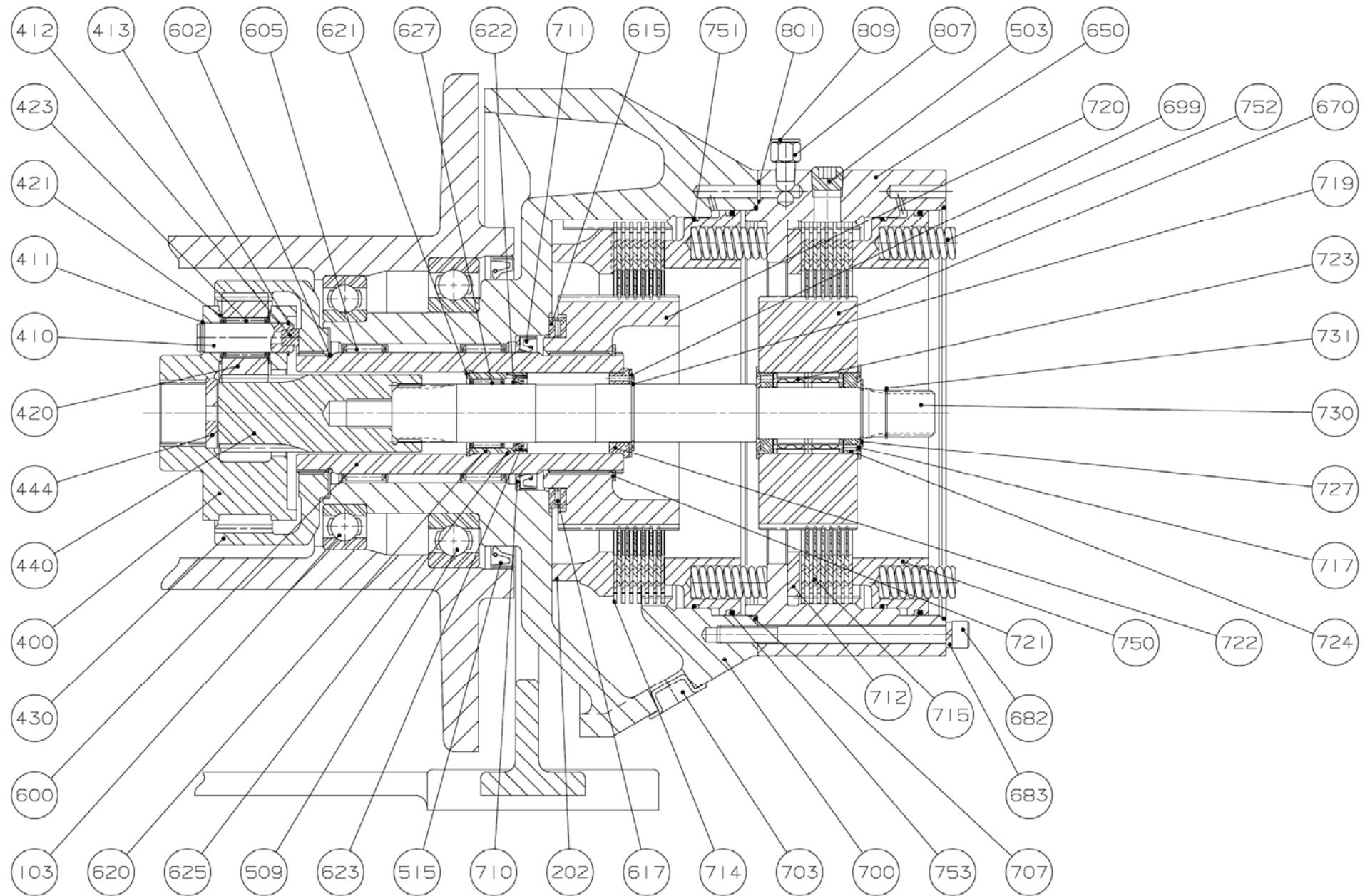
ITEM	QTY	PART NO / DESCRIPTION
1	1	GP - LOAD WINCH FINAL DRIVE
2	1	GP - LOAD WINCH BRAKE
3	1	GP - LOAD WINCH MOTOR – DUCTILE IRON

GP - LOAD WINCH FINAL DRIVE



GP - LOAD WINCH FINAL DRIVE			
ITEM	QTY	PART NO	DESCRIPTION
100	1	100697	FINAL HOUSING M/H12
103	2	100698	BALL BEARING 100 X 150 X 24
105	1	100699	OIL SEAL 4.500 X 5.500 X .375
109	1	100700	CIRCLIP ROTOR CLIP
120	1	100701	END COVER M12
121	2	100702	PIPE PLUG 1/2 NPT SOC STEEL
122	1	100703	SUNGEAR STOPPER
123	1	100704	O RING -279 13"ID 1/8"CS
124	1	100705	RETAINING RING INT 5/32 X 1/4 X 14 OD
126	1	100013	PLANET HUB STOPPER M/H12 FINAL
130	1	100706	BREATHER RELIEF ASSEMBLY
300	1	100707	PLANET HUB M12 FINAL
310	3	100708	PLANET PIN H12 FINAL
311	3	100709	CIRCLIP ROTOR CLIP
313	3	100710	CIRCLIP ROTOR CLIP
320	3	100711	PLANET GEAR H12 FINAL
321	6	100712	THRUST WASHER
323	3	100713	NEEDLE BEARING
340	1	100714	SUNGEAR M/H12 FINAL (1,2,5,6) D
343	1	100715	CIRCLIP ROTOR CLIP
500	1	100716	CABLE DRUM 12-01 7.6 X 14.6 X 10.0
502	1	100717	CABLE ANCHOR 12'S 3/8" TO 5/8" WIRE
503	3	100718	PIPE PLUG 3/8 NPT SOC STEEL
513	1	100719	CIRCLIP ROTOR CLIP
550	1	100720	BASE M12-1,2,5,6
551	14	100721	CAPSCREW - HEX HEAD 5/8 - 11NC X 1.50 GR
553	12	100008	LOCKWASHER 5/8" HI-COLLAR

GP - LOAD WINCH BRAKE

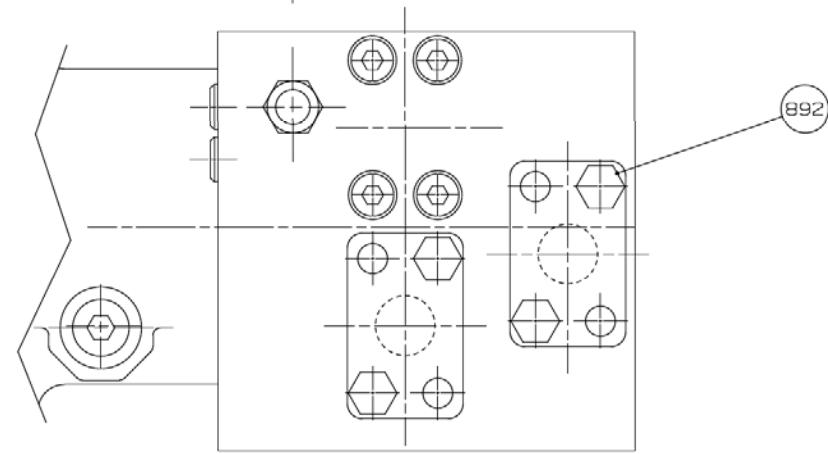
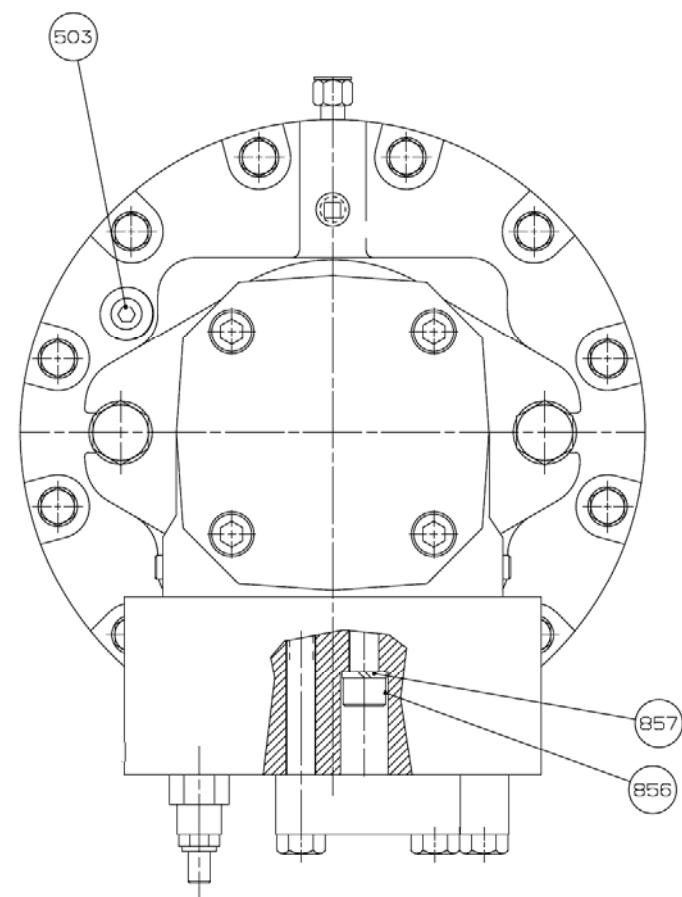
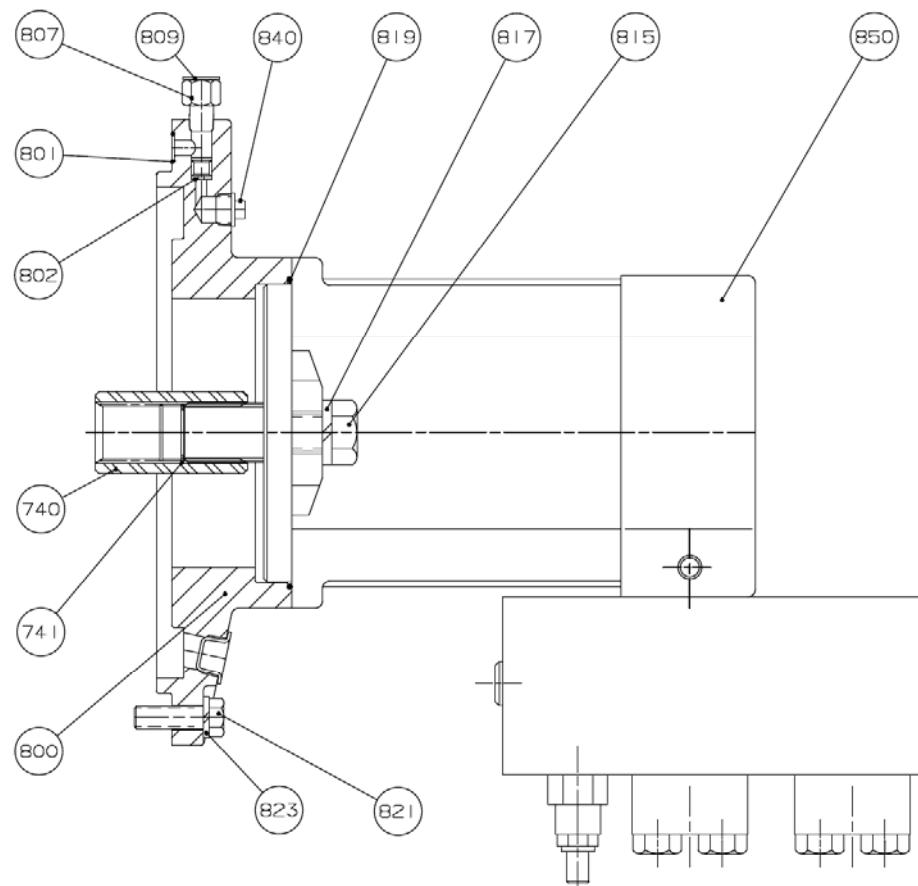


GP - LOAD WINCH BRAKE			
ITEM	QTY	PART NO	DESCRIPTION
103	2	100698	BALL BEARING 100 X 150 X 24
202	1	100722	BRAKE SPACER M12
400	1	100723	PLANET HUB M12 PRIMARY
410	3	100724	PLANET PIN H12 PRIMARY
411	3	100725	CIRCLIP ROTOR CLIP
412	3	100726	STOPPER INTERNAL GEAR
413	3	100727	CIRCLIP ROTOR CLIP
420	3	100728	PLANET GEAR H12 PRIMARY
421	6	100729	THRUST WASHER
423	3	100730	NEEDLE BEARING
430	1	100731	INTERNAL GEAR H12 PRIMARY
440	1	100732	SUNGEAR M/H12 PRIMARY
444	1	100703	SUNGEAR STOPPER
503	3	100718	PIPE PLUG 3/8 NPT SOC STEEL
509	1	100733	BALL BEARING 110 X 170 X 28
515	1	100734	OIL SEAL 5.750 X 6.750 X .500
600	1	100735	CONNECTING SHAFT
602	1	100736	RETAINING RING EXT U.S. 13 GAUGE 2.31 ID
605	2	100737	NEEDLE BEARING
615	2	100738	THRUST WASHER
617	1	100739	THRUST BEARING
620	1	100740	BEARING SLEEVE
621	1	100741	CIRCLIP ROTOR CLIP
623	1	100742	OILSEAL
625	1	100743	O RING -030 1-5/8"ID 1/16"CS
627	1	100744	NEEDLE BEARING
650	1	100745	SECONDARY BRAKE HOUSING
670	1	100746	BRAKE HUB M12 STANDARD

GP - LOAD WINCH BRAKE			
ITEM	QTY	PART NO	DESCRIPTION
682	3	100747	CAPSCREW - SOCKET HEAD 3/8 - 16NC X 5.00
683	3	100748	LOCKWASHER 3/8" HIGH COLLAR
699	1	100749	THRUST WASHER
700	1	100750	BRAKE HOUSING H12
703	1	100751	PLASTIC CAPLUG 3/4 NPT THR'D
707	2	100752	O RING -173 8-1/2"ID 3/32"CS
710	1	100753	BACK-UP WASHER FOR OIL SEAL
711	1	100754	OIL SEAL C/R # 26123 2.625 X 3.350 X .37
712	1	100755	BRAKE SPACER H12
714	14	100756	DIVIDER PLATE H12
715	12	100757	FRICTION PLATE
717	2	100758	SUPPORT WASHER
719	1	100759	CIRCLIP ROTOR CLIP
720	1	100760	BRAKE HUB H12
721	1	100761	CIRCLIP ROTOR CLIP
722	1	100762	ALIGNER
723	2	100763	SPRAG CLUTCH
724	2	100764	SPRAG CLUTCH ALIGNER
727	1	100765	CIRCLIP ROTOR
730	1	100766	MOTOR DRIVE SHAFT
731	1	100709	CIRCLIP ROTOR CLIP
750	2	100767	PISTON H7,H10,H12,M12
751	2	100768	O RING -90 DURO -171 8"ID 3/32"CS
752	34	100769	BRAKE SPRING #10G 8C 1.990 X 0.695
753	2	100770	O RING -90 DURO -267 8-1/4"ID 1/8"CS
801	2	100771	O RING -90 DURO -012 3/8"ID 1/16"CS
807	2	100772	PIPE ADAPT 1/8 NPT X 1/8 FPT
809	2	100773	PLASTIC CAPLUG 1/8 NPT
*	1	100509	SEAL KIT FOR HOOK WINCH

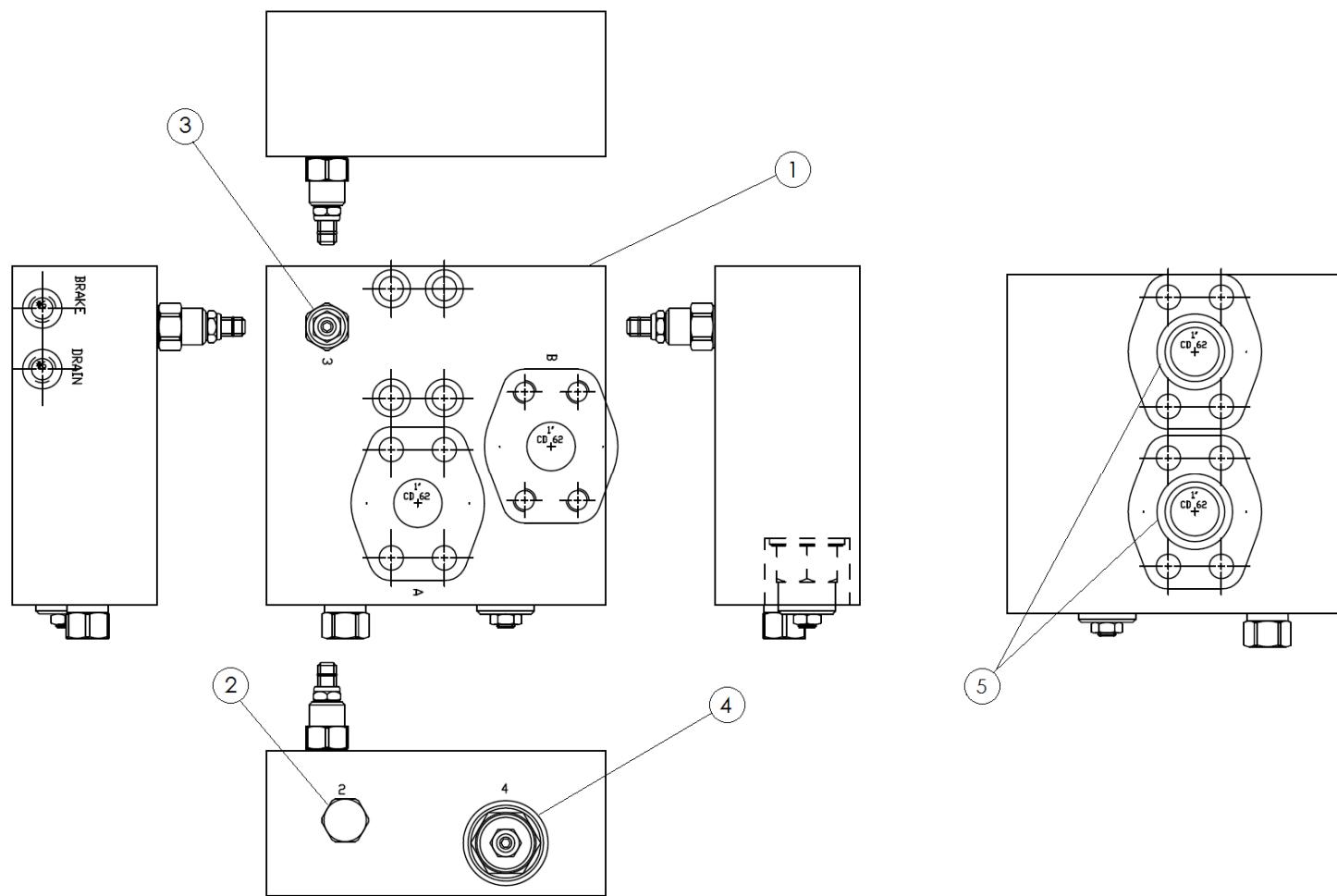
NOTES:

GP - LOAD WINCH MOTOR



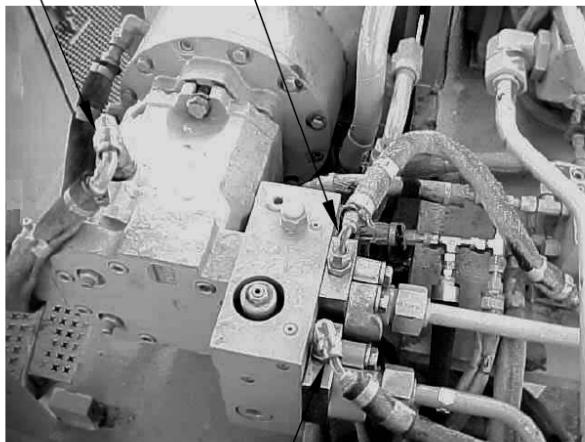
GP - LOAD WINCH MOTOR			
ITEM	QTY	PART NO	DESCRIPTION
503	3	100718	PIPE PLUG 3/8 NPT SOC STEEL
740	1	100774	COUPLING M/H12-64
800	1	100775	MOTOR ADAPTOR
801	2	100771	O RING -90 DURO -012 3/8"ID 1/16"CS
802	1	100776	SHUTTLE PL7,H8,M/H12,25,50-4,5,8,
807	2	100772	PIPE ADAPT 1/8 NPT X 1/8 FPT
809	2	100773	PLASTIC CAPLUG 1/8 NPT
815	2	100777	CAPSCREW - HEX HEAD 5/8 - 11NC X 1.75 GR
817	2	100778	LOCKWASHER 5/8"
819	1	100779	O RING -159 5"ID 3/32"CS
821	9	100780	CAPSCREW - HEX HEAD 3/8 - 16NC X 5.50 GR
823	9	100781	LOCKWASHER 3/8"
840	1	100782	PLASTIC CAPLUG 1/4 NPT
850	1	100783	MOTOR LINDE
856	4	100784	CAPSCREW - SOCKET HEAD M12 X 1.75 X 55 G
857	4	100041	LOCKWASHER M12 HI-COLLAR
892	4	100785	CAPSCREW - HEX HEAD M12 X 1.75 X 100 GRA

NOTES:

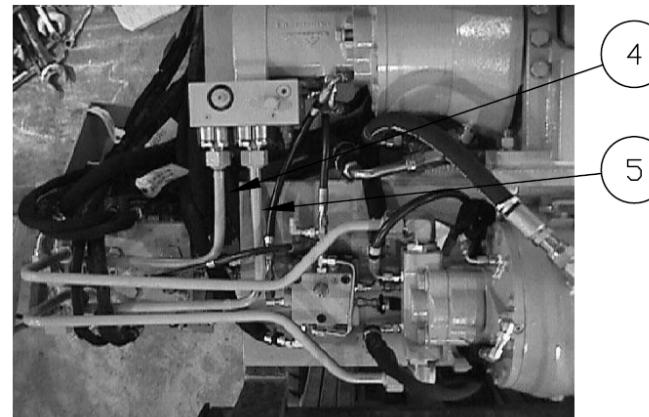


ITEM	QTY	PART NO	DESCRIPTION
1	1	100803	DUCTILE IRON MANIFOLD
2	1	100009	DIRECTIONAL VALVE
3	1	100787	PR. RED. VALVE
4	1	100788	COUNTERBALANCE VALVE
5	2	PARK# 2-219 B	O-RING

1 6 7



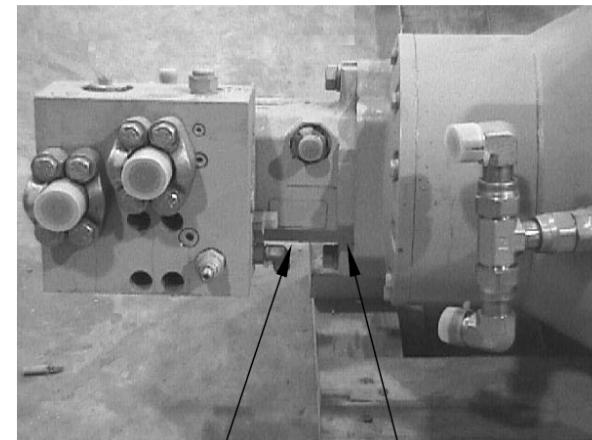
2 8 10 11 12



DRAWING REPLACED BY
038-16-006
EFFECTIVE FOR
SERIAL NUMBERS
STARTING ENDING

D6M0021 D6M0022

DRAWING REPLACES
032-16-008

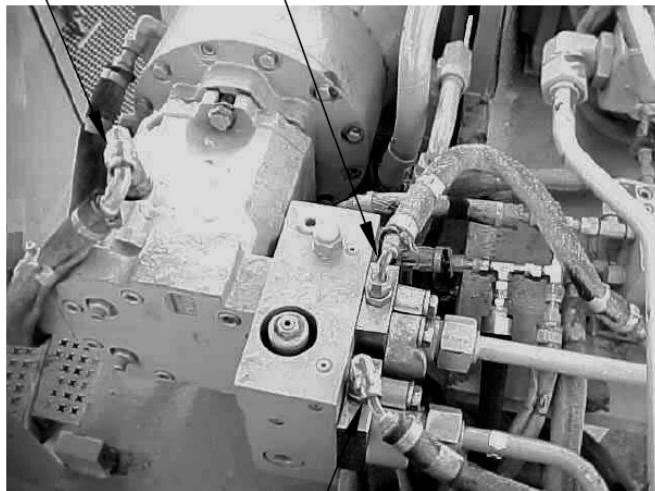


7 13

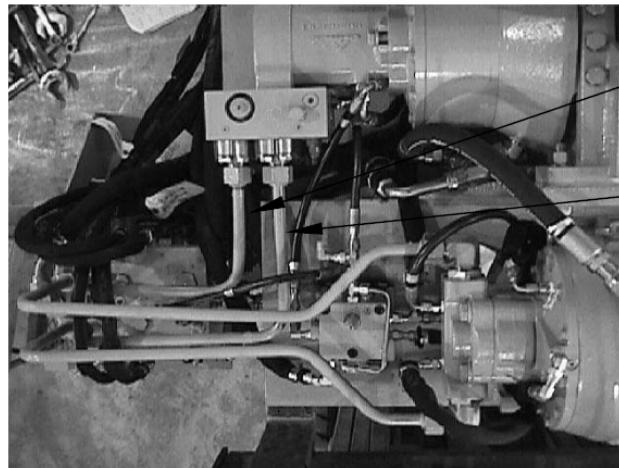
VARIABLE-SP MOTOR HOOK WINCH KIT D6M/D5H/D5M/D4H				033-16-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	100904	2 -SPEED MOTOR (HOOK WINCH)	
2	2	006-60-008	CODE 62 SANDWICH BLK (12 O'CLOCK TEST PORT)	
3	1	PARK# 4-6F5OLO-S	ST THD -4ORFS -6 STOR (CAT #6V8641)	
4	1	033-41-013	TUBE - HOOK UP D5M 2-SPEED HOOK WINCH	
5	1	033-41-014	TUBE - HOOK DOWN D5M 2-SPEED HOOK WINCH	
6	1	PARK# 8M22C87OMLOS	-8ORFS M22METRIC 90D ELBOW	
7	2	006-43-026	FF - SEAL, METRIC, 22MM	
8	4	CAT# 8T-4648	BOLT M12x1.75x70 PLATED (HOOK UP)	
9	4	CAT#8T-5092	BOLT M12x1.75x150 PLATED (HOOK DOWN)	
10	12	CAT# 5P-8245	WASHER - M12 HARD PLATED	
11	2	CAT# 4J-0520	CODE 61 O-RING SEAL -16	
12	1	PARK# 4-6C5OLO-S	-4ORFS-6STOR 90D ELBOW (CAT#6V8627)	
13	1	006-43-027	FF - O-RING -159 5 IDx3/32-IN	
14	2	PARK#16LOHQ2	CODE 62 FLANGE CONNECTOR -16	
15	4	CAT# 124-4288	CODE 62 FLANGE -16	
16	2	CAT# 4J-0520	CODE 61 O-RING SEAL -16	
17	2	CAT# 5K-9090	O-RING ORFS -16	

1 6 7

2 3 9 10 11

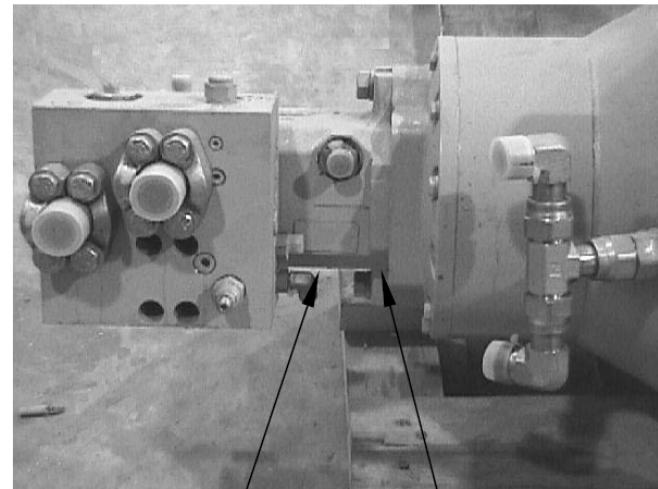


2 8 10 11 12



REPLACES
033-16-001

USED ON:
D4H0043-UP
D5M0043-UP
D6M0023-UP
D6N0021-UP



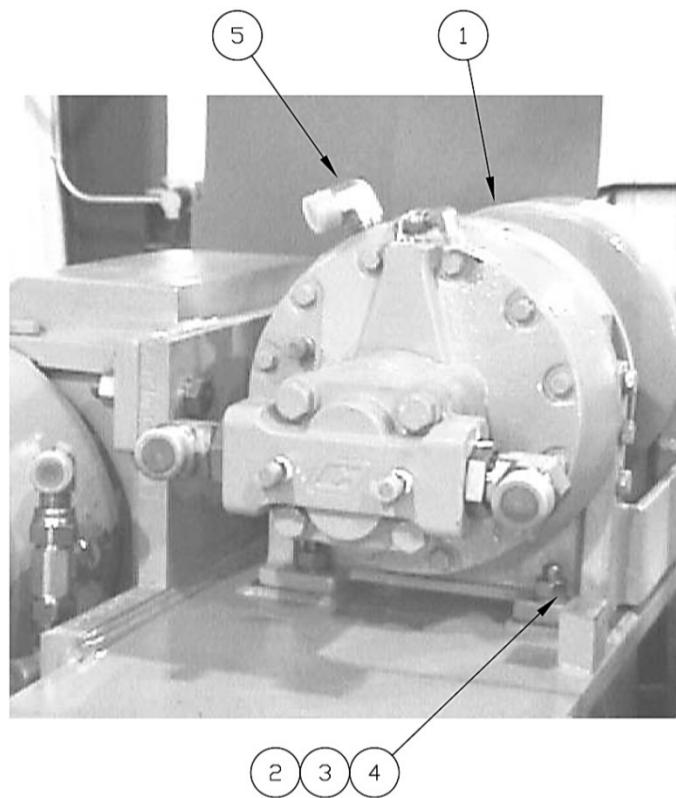
7 13

VARIABLE-SP MOTOR HOOK WINCH KIT D6M/D5H/D5M/D4H				038-16-006
ITEM	QTY	PART NO	DESCRIPTION	
1	1	006-60-006	FC - HYD MTR VARIABLE-SP	
2	2	006-60-008	CODE 62 SANDWICH BLK (12 O'CLOCK TEST PORT)	
3	1	PARK# 4-6F5OLO-S	ST THD -4ORFS -6 STOR (CAT #6V8641)	
4	1	038-41-013	TUBE - HOOK UP D5M 2-SPEED HOOK WINCH	
5	1	038-41-014	TUBE - HOOK DOWN D5M 2-SPEED HOOK WINCH	
6	1	PARK# 8M22C87OMLOS	-8ORFS M22METRIC 90D ELBOW	
7	2	006-43-026	FF - SEAL, METRIC, 22MM	
8	4	CAT# 8T-4648	BOLT M12x1.75x70 PLATED (HOOK UP)	
9	4	CAT#8T-5092	BOLT M12x1.75x150 PLATED (HOOK DOWN)	
10	12	CAT# 5P-8245	WASHER - M12 HARD PLATED	
11	2	CAT# 4J-0520	CODE 61 O-RING SEAL -16	
12	1	PARK# 4-6C5OLO-S	-4ORFS-6STOR 90D ELBOW (CAT#6V8627)	
13	1	006-43-027	FF - O-RING -159 5 IDx3/32-IN	
14	2	PARK#16LOHQ2	CODE 62 FLANGE CONNECTOR -16	
15	4	CAT# 124-4288	CODE 62 FLANGE -16	
16	2	CAT# 4J-0520	CODE 61 O-RING SEAL -16	
17	2	CAT# SK-9090	O-RING ORFS -16	

GP - BOOM WINCH

GP - BOOM WINCH

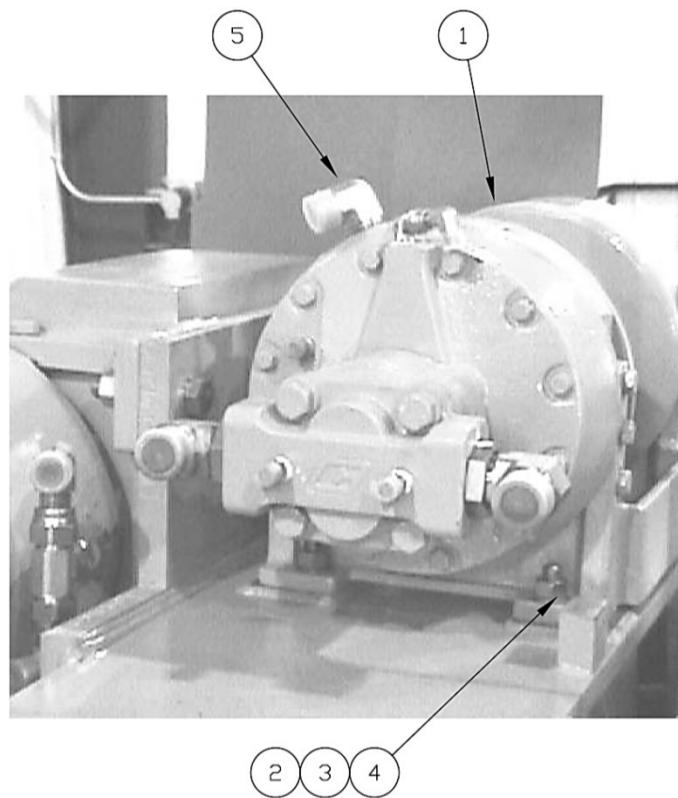
032-65-001



SEE 032-65-000 FOR :

S/N D4H0038 – 0042,
S/N D5M0021-0042

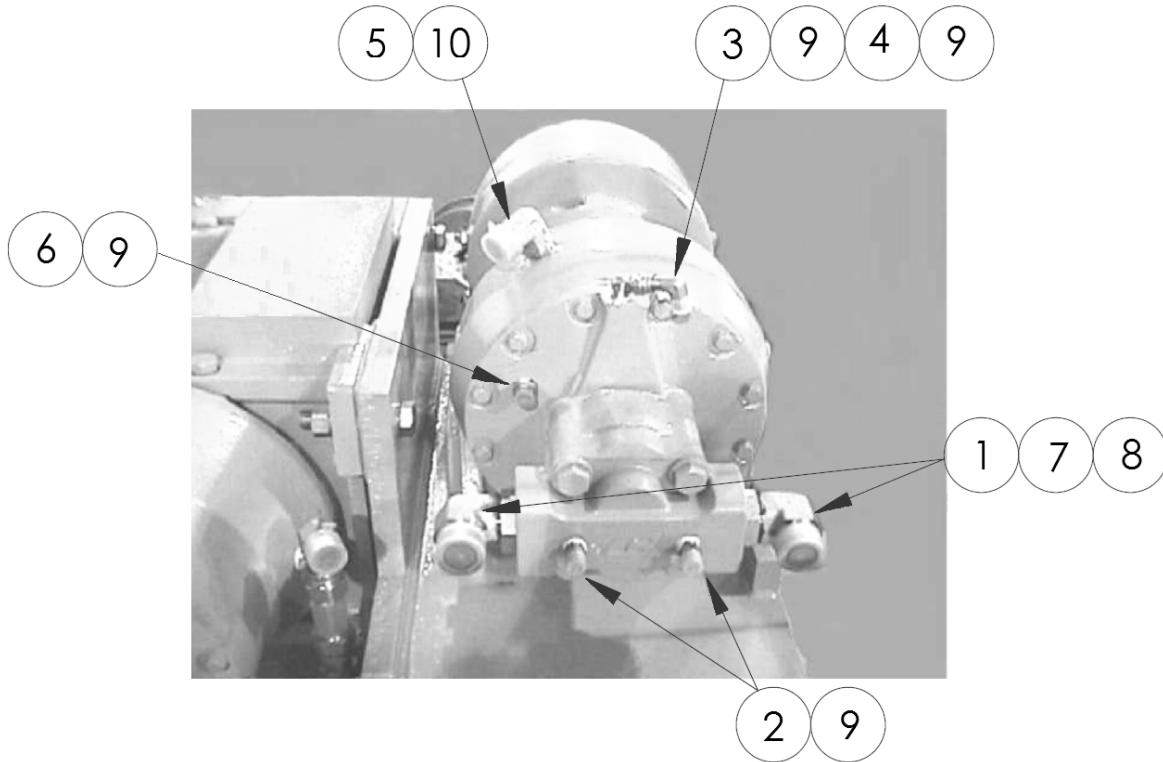
ITEM	QTY	PART NO	DESCRIPTION
1	1	032-65-002	FC - BOOM WINCH
2	4	CAT# 8T-9396	HEX HD BOLT, 5/8-11UNC X 3.25
3	8	CAT# 8T-4122	FLAT WASHER 5/8
4	4	CAT# 7X-0448	NUT, 5/8-11UNC
5	1	032-43-002	M8 FITTINGS KIT



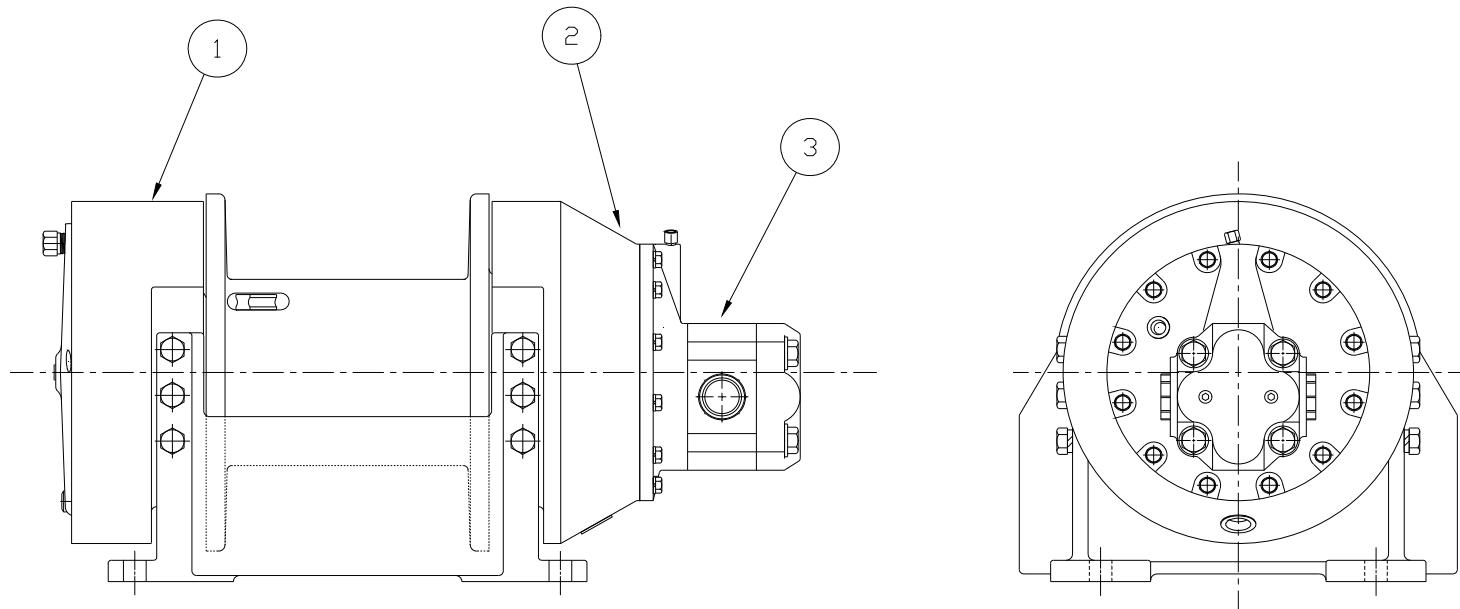
SEE 032-65-001 FOR :

S/N D4H0043 – UP AND,
S/N D5M0043 - UP

ITEM	QTY	PART NO	DESCRIPTION
1	1	100804	AS - BOOM WINCH
2	4	CAT# 8T-9396	HEX HD BOLT, 5/8-11UNC X 3.25
3	8	CAT# 8T-4122	FLAT WASHER 5/8
4	4	CAT# 7X-0448	NUT, 5/8-11UNC
5	1	032-43-002	M8 FITTINGS KIT

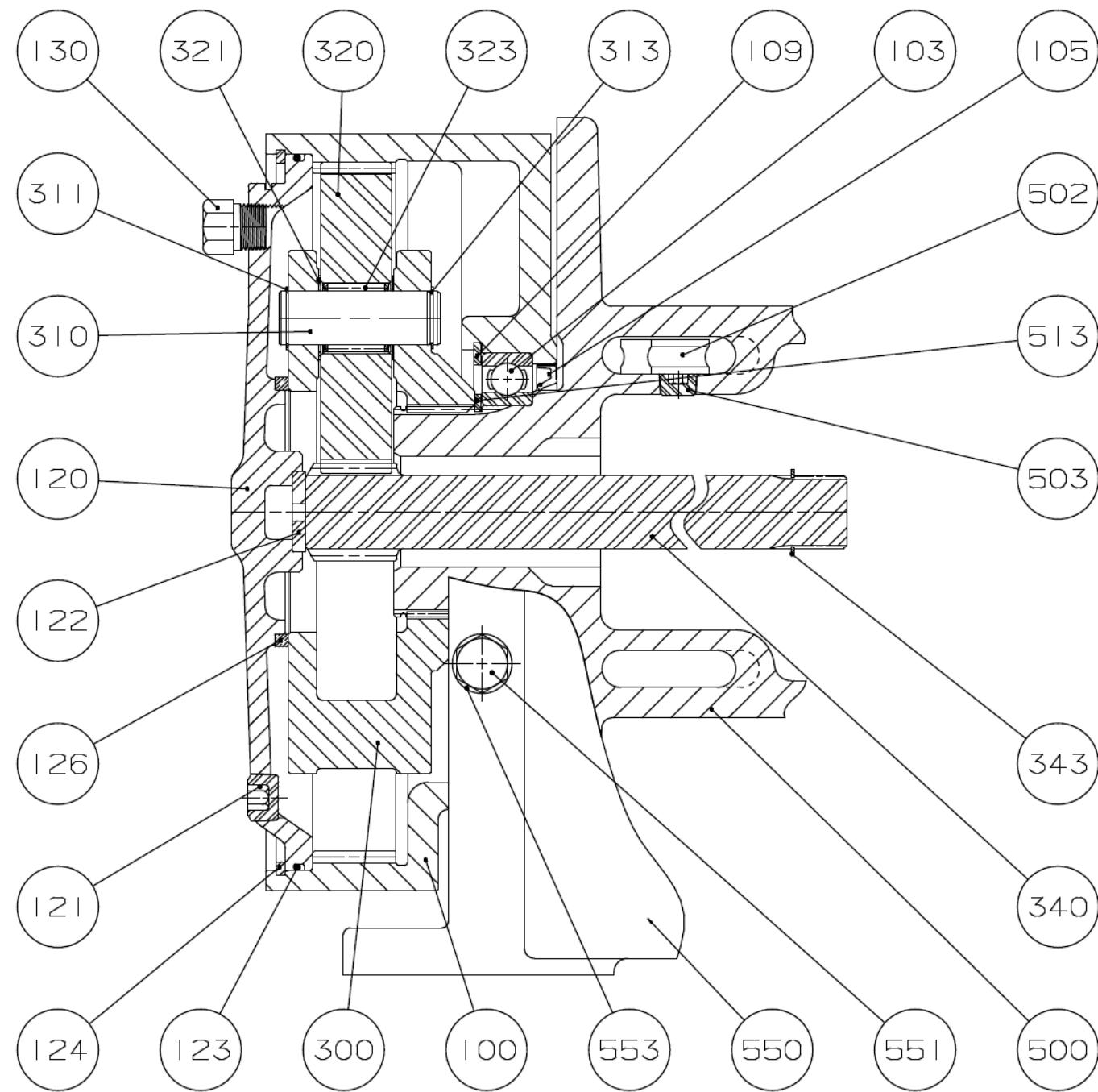


ITEM	QTY	PART NO	DESCRIPTION
1	2	CAT# 8T-8987	ORFS MALE / STOR BOSS 90° ELBOW -16 -20
2	2	CAT# 8C-6866	ORFS MALE / MALE NPTF -4 -4
3	1	CAT# 7X-0492	ORFS MALE / MALE NPTF -4 -4
4	1	CAT# 6V-9849	ORFS MALE / ORFS FEMALE SWIVEL 90° ELBOW -4 -4
5	1	CAT# 9X-2398	ORFS MALE / MALE NPTF -12 -12
6	1	CAT# 8C-6867	ORFS MALE / MALE NPTF -4 -6
7	2	CAT# 2S-4078	O-RING STOR -20
8	2	CAT# 5K-9090	O-RING ORFS -16
9	5	CAT# 4J-5477	O-RING ORFS -4
10	1	CAT# 6V-9746	O-RING ORFS -12



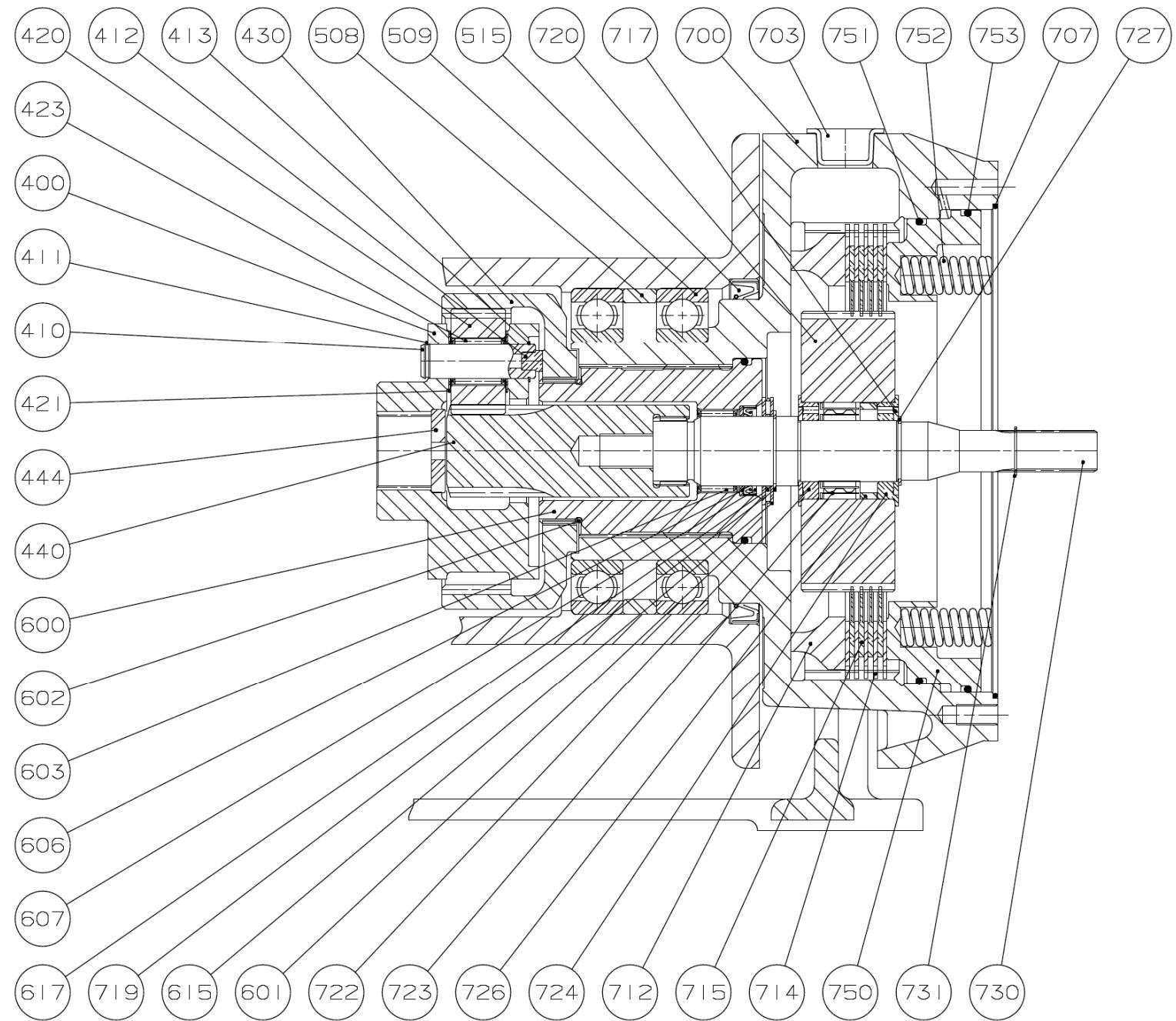
ITEM	QTY	PART NO	DESCRIPTION
1	1	NONE - SEE DESCRIPTION	GP - BOOM WINCH FINAL DRIVE (M8A)
2	1	NONE - SEE DESCRIPTION	BRAKE GROUP (M8, M8A)
3	1	NONE - SEE DESCRIPTION	MOTOR GROUP (M8, M8A)

GP -M8A BOOM WINCH FINAL DRIVE



GP - M8A BOOM WINCH FINAL DRIVE			
ITEM	QTY	PART NO	DESCRIPTION
100	1	100805	FINAL HOUSING
103	1	100806	BALL BEARING
105	1	100807	OIL SEAL
109	1	100808	CIRCLIP ROTOR CLIP
120	1	100809	END COVER
121	2	100702	PIPE PLUG
122	1	100810	SUN GEAR STOPPER
123	1	100811	O-RING
124	1	100812	RETAINING RING
126	1	100813	PLANET HUB STOPPER
130	1	100706	BREATHER RELIEF
300	1	100814	PLANET HUB
310	3	100815	PLANET PIN
311	3	100816	CIRCLIP ROTOR CLIP
313	3	100817	CIRCLIP ROTOR CLIP
320	3	100818	PLANET GEAR
321	6	100819	THRUST WASHER
323	3	100820	NEEDLE BEARING
340	1	100821	SUN GEAR
343	1	100822	CIRCLIP
500	1	100823	CABLE DRUM
502	1	100824	CABLE ANCHOR SPEC – 502
503	1	100718	PIPE PLUG
513	1	100761	CIRCLIP ROTOR CLIP
550	1	100825	BASE
551	12	100826	CAP SCREW
553	12	100827	LOCK WASHER

GP -M8, M8A BOOM WINCH BRAKE

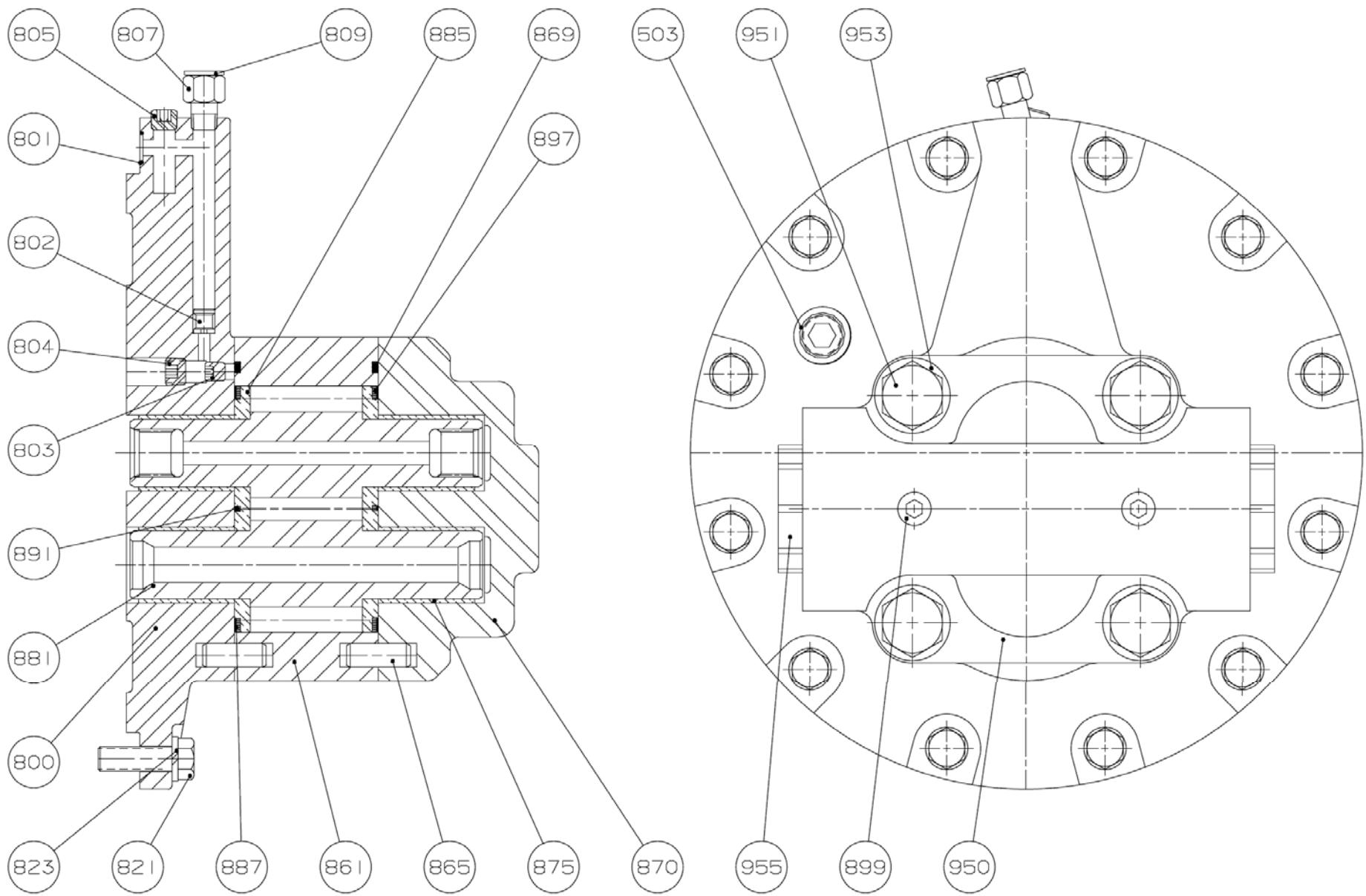


GP -M8, M8A BOOM WINCH BRAKE			
ITEM	QTY	PART NO	DESCRIPTION
400	1	100723	PLANET HUB
410	3	100724	PLANET PIN
411	3	100725	CIRCLIP ROTOR CLIP
412	3	100726	STOPPER INTERNAL GEAR
413	3	100727	CIRCLIP ROTOR CLIP
420	3	100728	PLANET GEAR
421	6	100729	THRUST WASHER
423	3	100730	NEEDLE BEARING
430	1	100731	INTERNAL GEAR
440	1	100732	SUN GEAR
444	1	100703	SUN GEAR STOPPER
508	1	100828	BEARING SPACER
509	2	100698	BALL BEARING
515	1	100829	OIL SEAL
600	1	100830	CONNECTING SHAFT
601	1	100831	O-RING
602	1	100736	RETAINING RING
603	1	100744	NEEDLE BEARING
607	1	100742	OIL SEAL
615	2	100749	THRUST WASHER
617	1	100892	THRUST BEARING
700	1	100893	BRAKE HOUSING
703	1	100751	PLASTIC CAPLUG
707	1	100752	O-RING
712	1	100832	BRAKE SPACER
714	5	100756	DIVIDER PLATE
715	4	100757	FRICTION PLATE
717	2	100758	SUPPORT WASHER

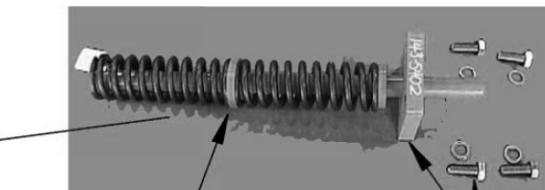
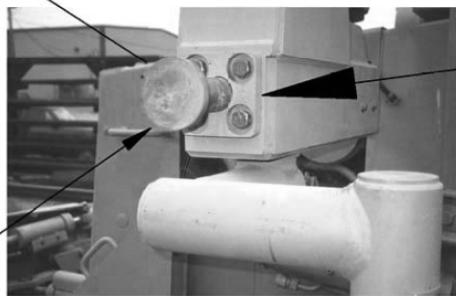
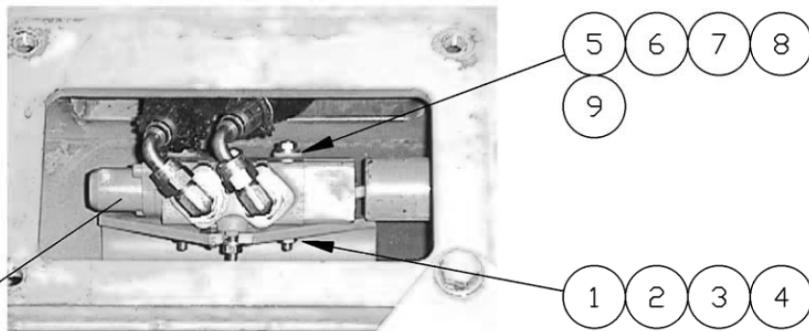
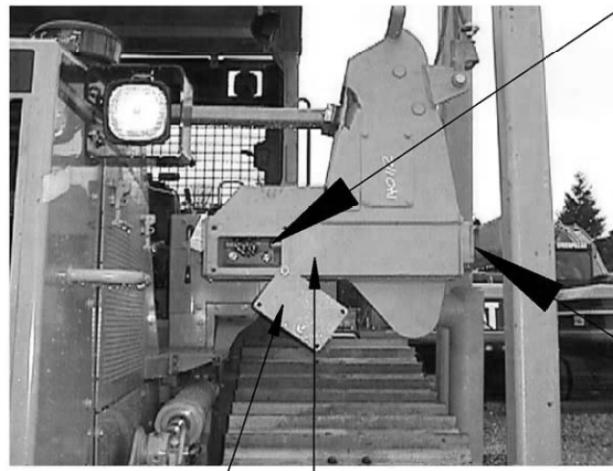
GP – M8, M8A BOOM WINCH BRAKE			
ITEM	QTY	PART NO	DESCRIPTION
719	1	100759	CIRCLIP ROTOR CLIP
720	1	100833	BRAKE HUB
722	1	100764	SPRAG CLUTCH ALIGNER
723	1	100763	SPRAG CLUTCH
726	1	100834	SPRAG CLUTCH SPACER
727	1	100765	CIRCLIP ROTOR CLIP
730	1	100835	MOTOR DRIVE SHAFT
750	1	100836	PISTON
751	1	100837	O-RING
752	16	100769	BRAKE SPRING
753	1	100770	O-RING
*	1	100508	SEAL KIT FOR BOOM WINCH

NOTES:

M8, AND M8A BOOM WINCH MOTOR GROUP



M8, AND M8A BOOM WINCH MOTOR GROUP			
ITEM	QTY	PART NO	DESCRIPTION
800	1	100838	MOTOR ADAPTOR
503	1	100718	PIPE PLUG
801	1	100771	O-RING
802	1	100776	SHUTTLE
803	1	100839	PIPE PLUG
804	1	100840	ORIFICE PLUG
805	2	100841	PIPE PLUG
807	1	100772	PIPE ADAPT
809	1	100773	PLASTIC CAPLUG
821	12	100842	CAP SCREW
823	12	100781	LOCK WASHER
861	1	100843	GEAR HOUSING
865	4	100844	DOWEL PIN
869	2	100845	SEAL – GASKET
870	1	100846	PORT END COVER
875	2	100847	BEARING
881	1	100848	GEAR SET
885	2	100849	THRUST PLATE
887	4	100850	SEAL STRIP PLATE
891	4	100851	SEAL – SIDE CHANNEL
897	2	100852	SEAL – SIDE CHANNEL
899	2	100853	PIPE PLUG
950	1	100854	SUB- ASSY MOTOR
951	4	100855	CAP SCREW
953	4	100856	WASHER
955	2	100857	PLASTIC CAPLUG

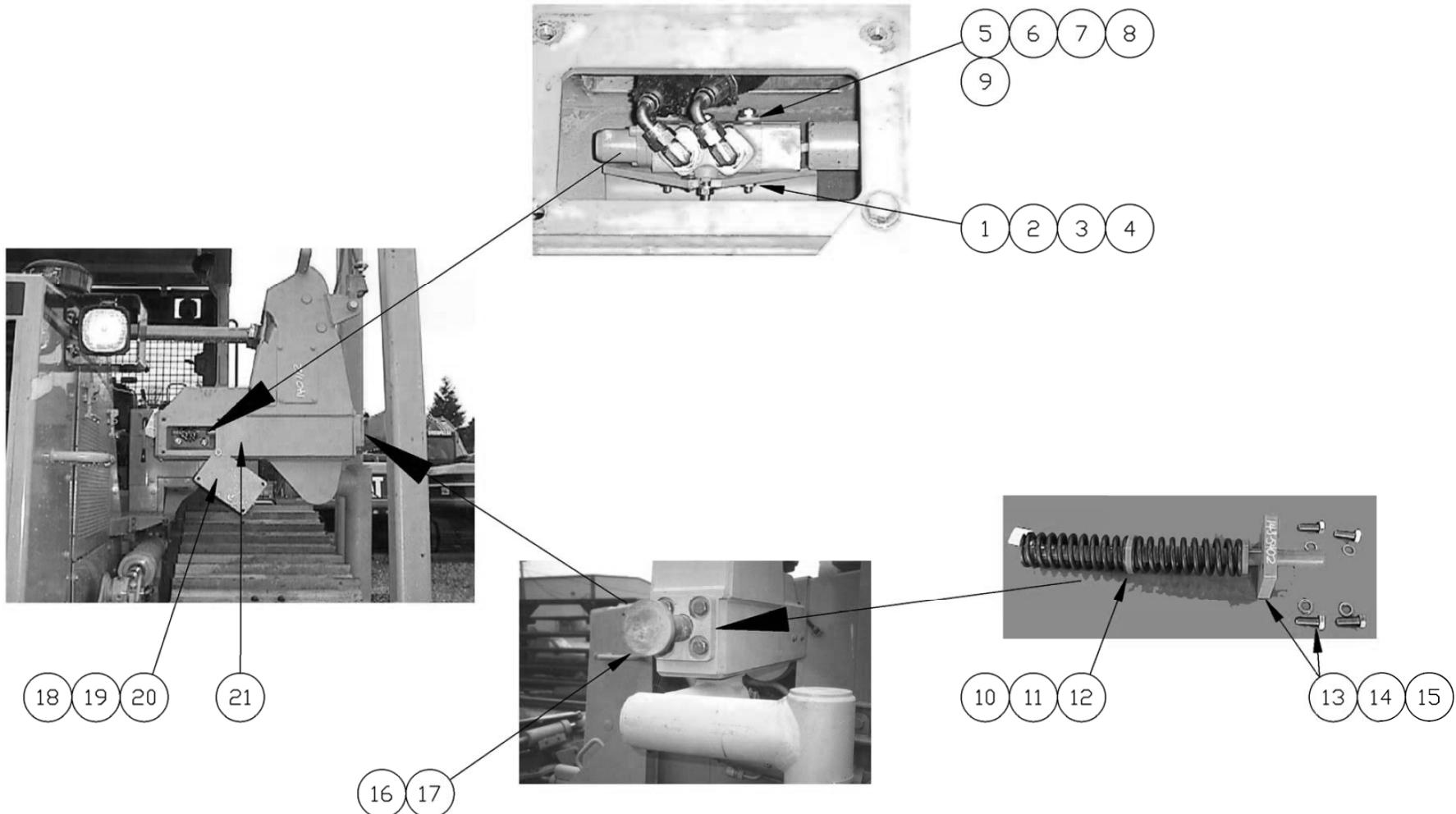


LOCTITE SUPER BONDER #495 OR
EQUIVALENT ITEM 16, AND TIGHTEN
AGAINST KICK-OUT ROD; TORQUE TO
 7 ± 3 NM (5 ± 2 LB FT).

SN RANGE: 038050080021-UP

SEE 038-66-018 FOR S/N 038050090021 – UP

GP – BOOM STOP				032-66-000
ITEM	QTY	PART NO	DESCRIPTION	
1	1	032-66-044	BRKT - BM STOP VALVE MOUNT	
2	2	CAT# 8T-4183	HX HD BOLT M12 X 1.75 X 40 mm	
3	8	CAT# 8T-4223	FLAT HARD WASHER M12	
4	2	CAT# 6V-7687	NUT- SELF LOCK M12 X 1.75	
5	1	006-66-001	FC - DIVERTER VALVE	
6	3	CAT# 7X-2535	HX HD BOLT M6 X 1 X 60mm	
7	3	CAT# 5C-2890	NUT M6 X 1.0	
8	6	CAT# 8T-4205	WASHER FLAT ¼" (0.560" OD)	
9	1	032-43-005	FITTINGS KIT- BOOM STOP	
10	1	032-66-001	AS - BOOM KICKOUT BAR	
11	2	040-66-005	SPR - COMPRESSION SPRING	
12	1	032-66-004	SPRING GUIDE BOOM KICK OUT	
13	1	032-66-005	PLT - RETAINER BOOM KICK OUT ROD	
14	4	CAT# 8T-6430	BOLT, M20 x 2.50 x 50 LNG ZINC PLATED	
15	4	CAT# 8T-4123	WASHER, M20 FLAT HARDENED ZINC PLATED	
16	1	032-66-006	DISC BUSHING BOOM KICK OUT ROD	
17	3	CAT# 2F-5326	SET SCREW-CUP POINT 3/8 UNC x3/8" LNG	
18	2	032-66-043	PLATE - COVER	
19	8	CAT#8T-4192	BOLT - M12x1.75x25 HEX HD CAP SCREW	
20	8	CAT#8T-4223	M12 FLAT HARDENED PLATED WASHER	
21	1	038-66-017	AS - BM STOP BUSHING HDW	

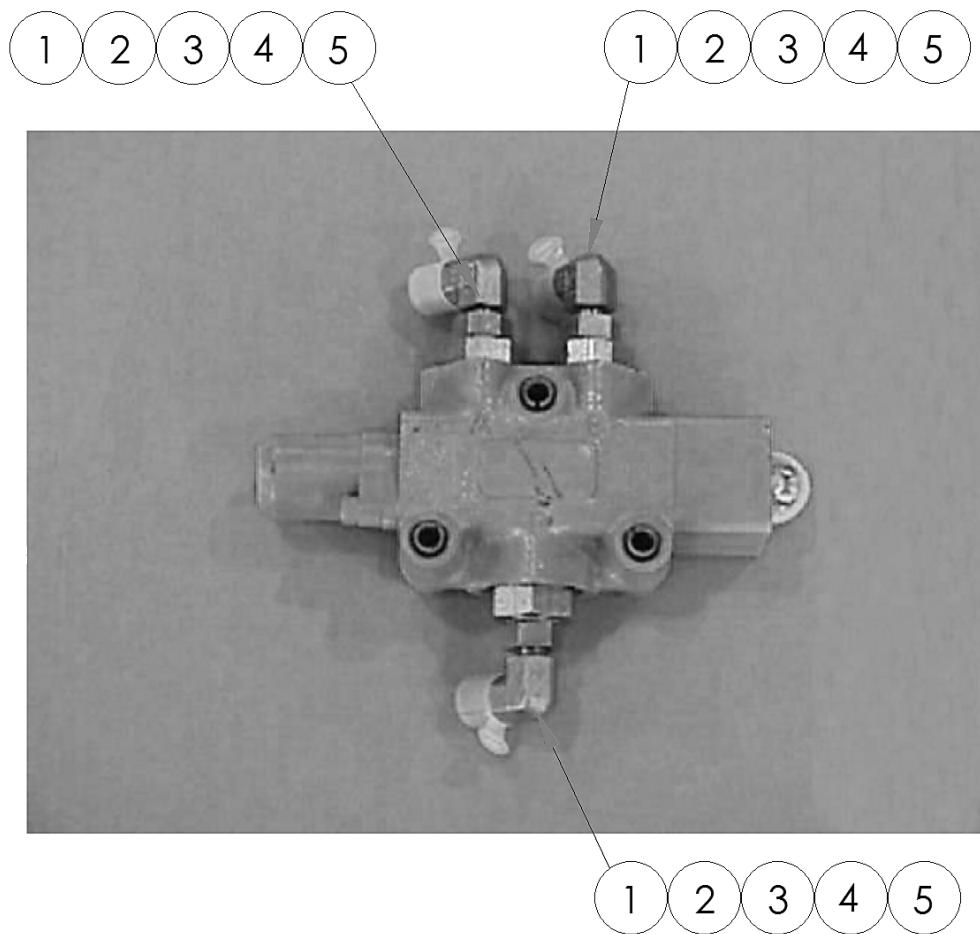


LOCTITE SUPER BONDER #495 OR EQUIVALENT ITEM 16, AND TIGHTEN AGAINST KICK-OUT ROD; TORQUE TO 7 ± 3 NM (5 ± 2 LB FT).

SN RANGE: 038050090021-UP

SEE 032-66-000 FOR S/N 038050080021 – UP

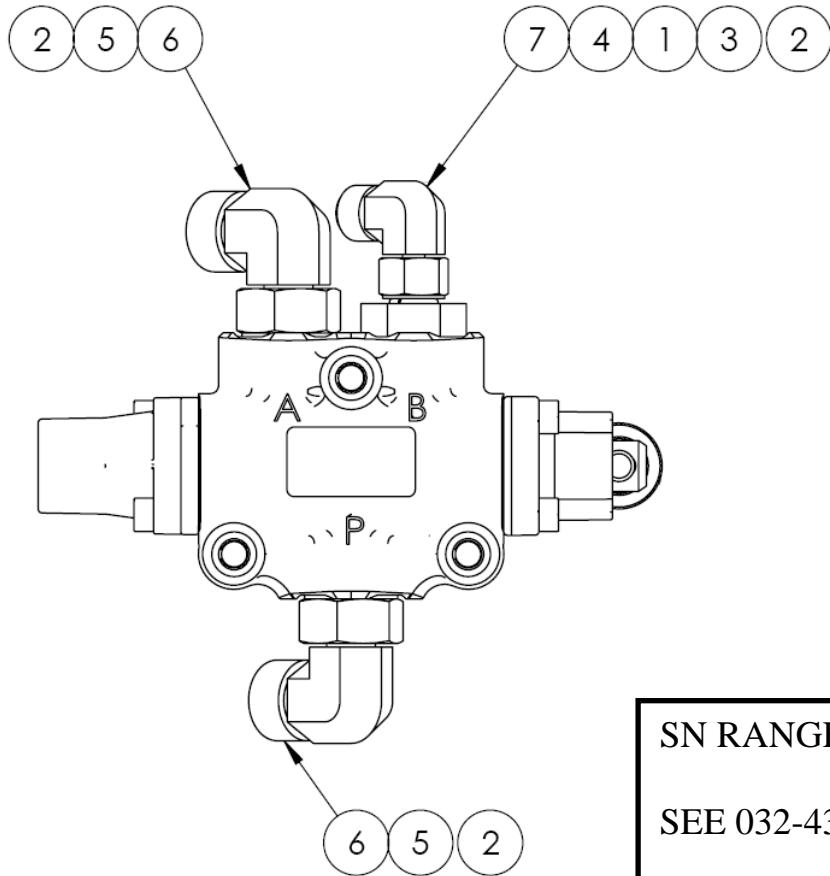
GP - BOOM STOP				038-66-018
ITEM	QTY	PART NO	DESCRIPTION	
1	1	032-66-044	BRKT - BM STOP VALVE MOUNT	
2	2	CAT# 8T-4183	HX HD BOLT M12 X 1.75 X 40 mm	
3	8	CAT# 8T-4223	FLAT HARD WASHER M12	
4	2	CAT# 6V-7687	NUT- SELF LOCK M12 X 1.75	
5	1	006-66-001	FC - DIVERTER VALVE	
6	3	CAT# 7X-2535	HX HD BOLT M6 X 1 X 60mm	
7	3	CAT# 5C-2890	NUT M6 X 1.0	
8	6	CAT# 8T-4205	WASHER FLAT ¼" (0.560" OD)	
9	1	038-43-020	FITTINGS KIT- BOOM STOP	
10	1	032-66-001	AS - BOOM KICKOUT BAR	
11	2	040-66-005	SPR - COMPRESSION SPRING	
12	1	032-66-004	SPRING GUIDE BOOM KICK OUT	
13	1	032-66-005	PLT - RETAINER BOOM KICK OUT ROD	
14	4	CAT# 8T-6430	BOLT, M20 x 2.50 x 50 LNG ZINC PLATED	
15	4	CAT# 8T-4123	WASHER, M20 FLAT HARDENED ZINC PLATED	
16	1	032-66-006	DISC BUSHING BOOM KICK OUT ROD	
17	3	CAT# 2F-5326	SET SCREW-CUP POINT 3/8 UNC x3/8" LNG	
18	2	032-66-043	PLATE - COVER	
19	8	CAT#8T-4192	BOLT - M12x1.75x25 HEX HD CAP SCREW	
20	8	CAT#8T-4223	M12 FLAT HARDENED PLATED WASHER	
21	1	038-66-017	AS - BM STOP BUSHING HDW	



SN RANGE: 038050080021-UP

SEE 038-43-020 FOR S/N 038050090021 – UP

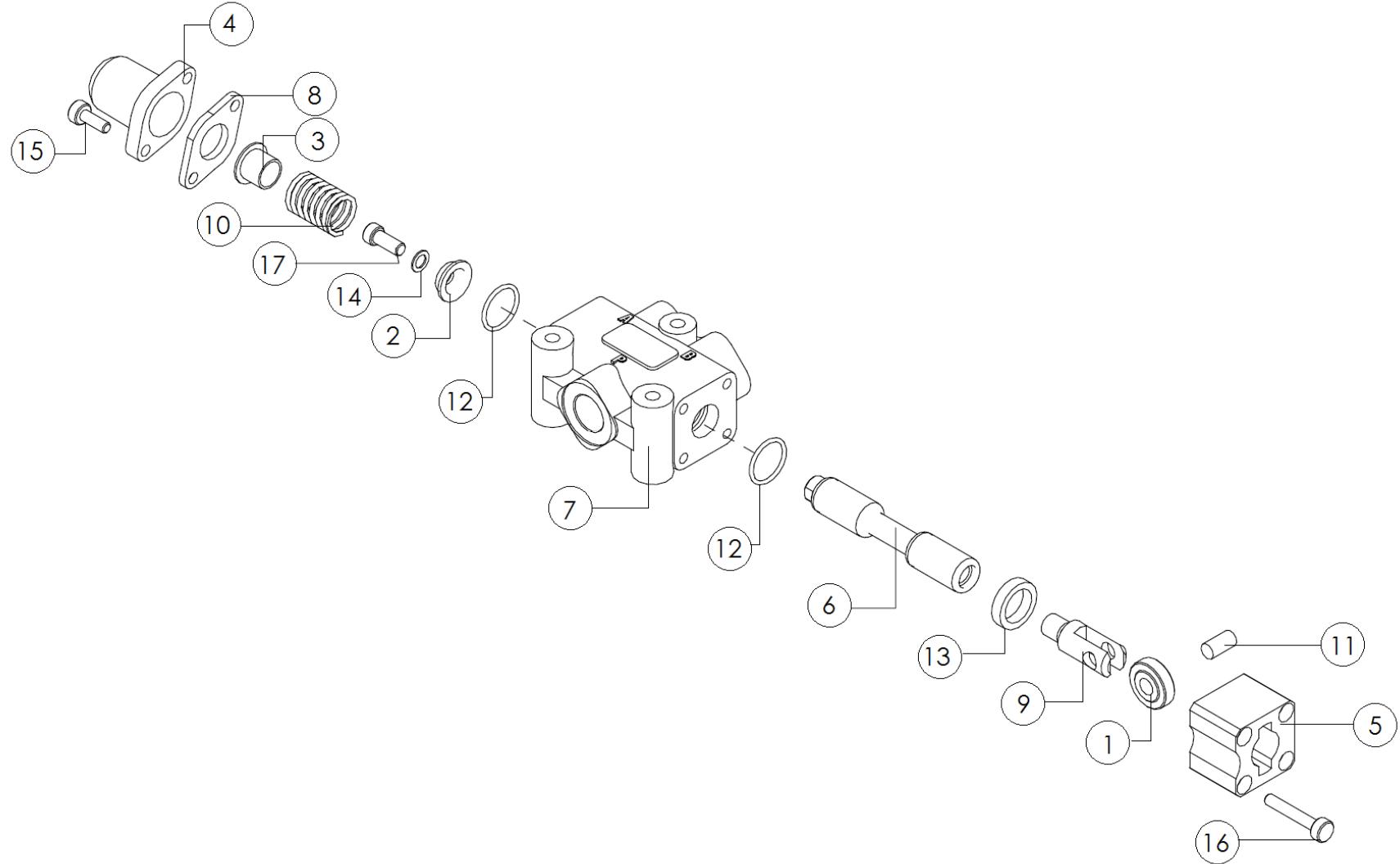
ITEM	QTY	PART NO	DESCRIPTION
1	3	CAT# 3P-1932	STOR BOSS / STOR PORT 8 - 4
2	3	CAT# 6V-8628	ORFS MALE / STOR BOSS 4 - 4
3	3	CAT# 3K-0360	O-RING STOR -8
4	3	CAT# 3J-7354	O-RING STOR -4
5	3	CAT# 4J-5477	O-RING ORFS - 4



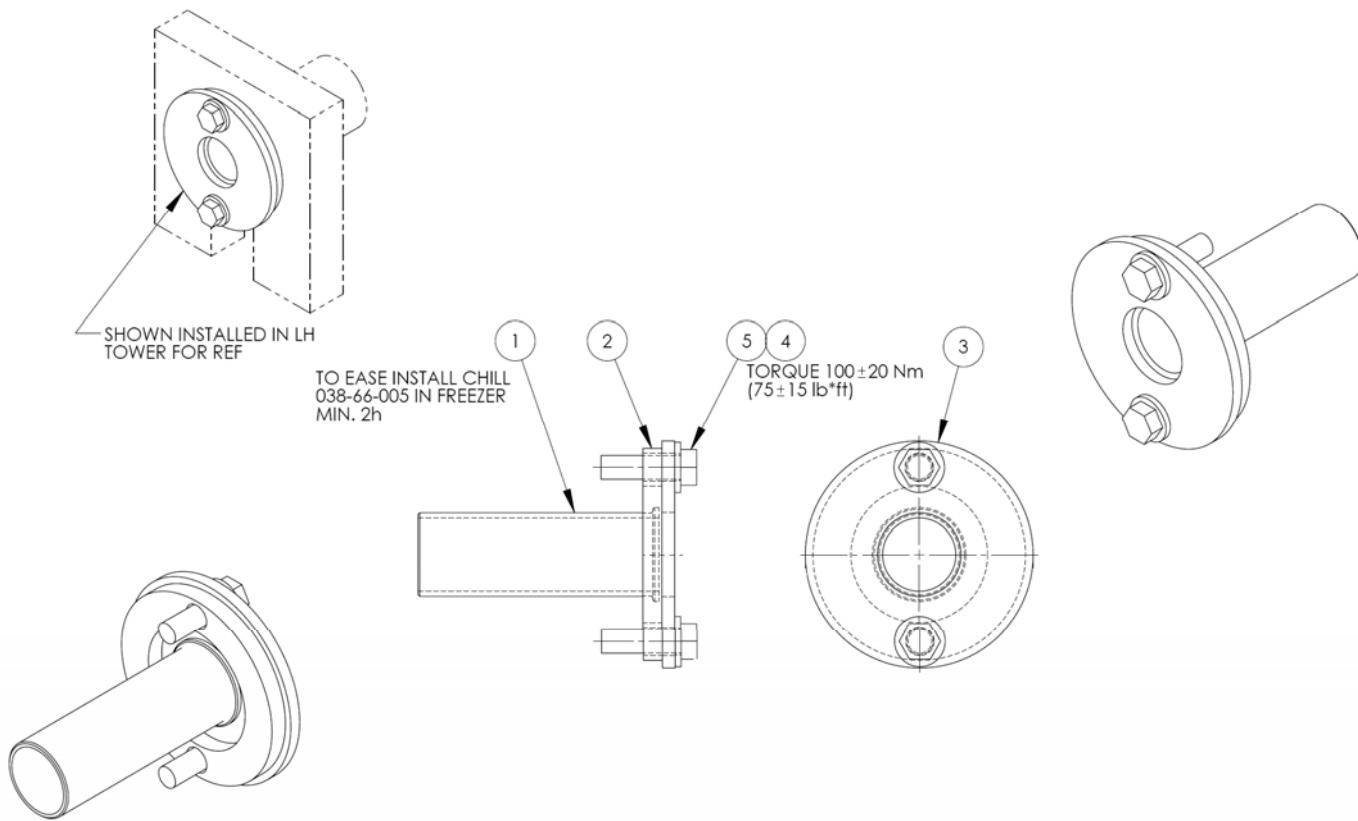
SN RANGE: 038050090021-UP

SEE 032-43-005 FOR S/N 038050080021 – UP

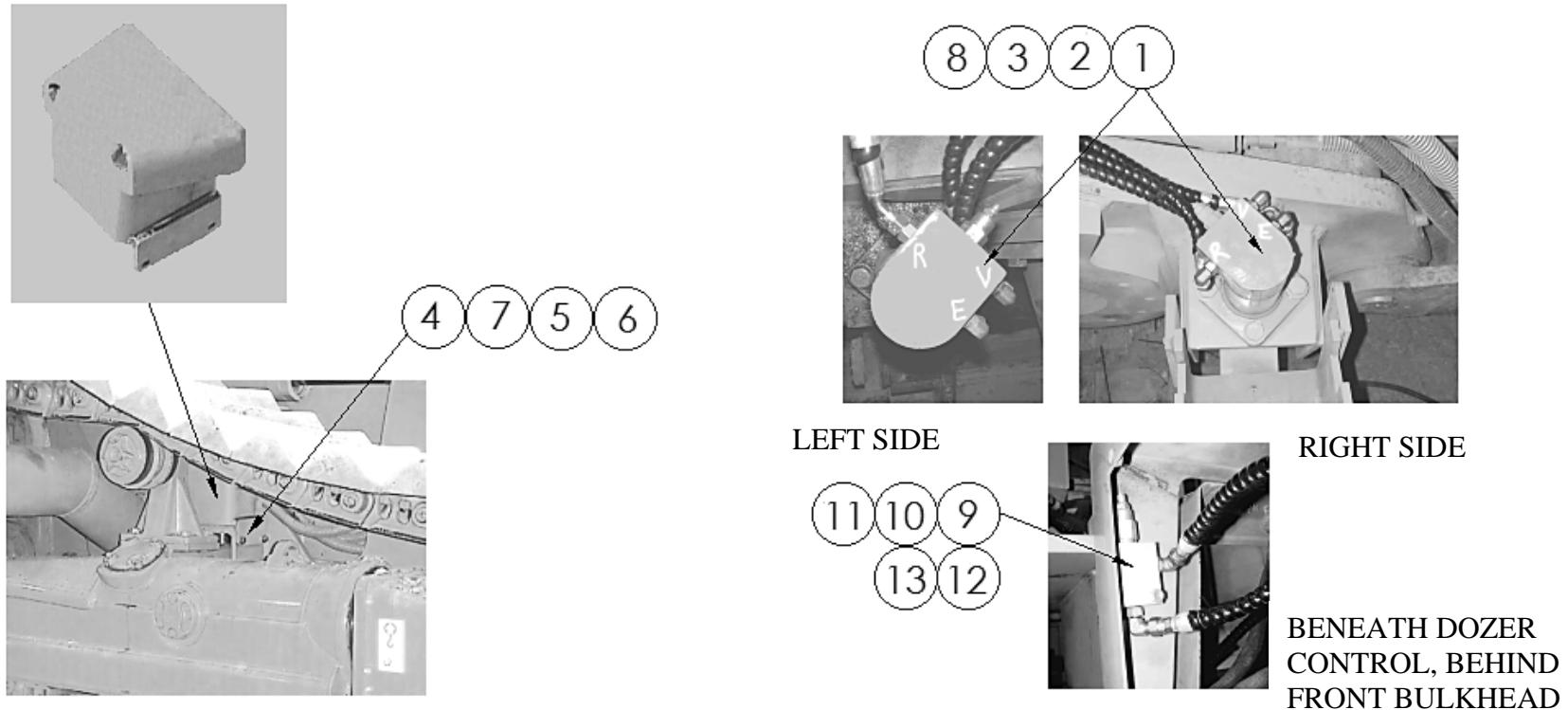
ITEM	QTY	PART NO	DESCRIPTION
1	1	CAT# 3J-7354	O-RING STOR-4
2	3	CAT# 3K-0360	FF - O-RING STOR-8
3	1	CAT# 3P-1932	STOR BOSS/STOR PORT, -8/-4
4	1	CAT# 4J-5477	O-RING - ORFS -4
5	2	CAT# 6V-8398	O-RING ORFS -8
6	2	CAT# 6V-8625	90° EL - ORFS M/STOR BOSS -8/-8
7	1	CAT# 6V-8628	90° EL ORFS M/STOR BOSS -4/-4



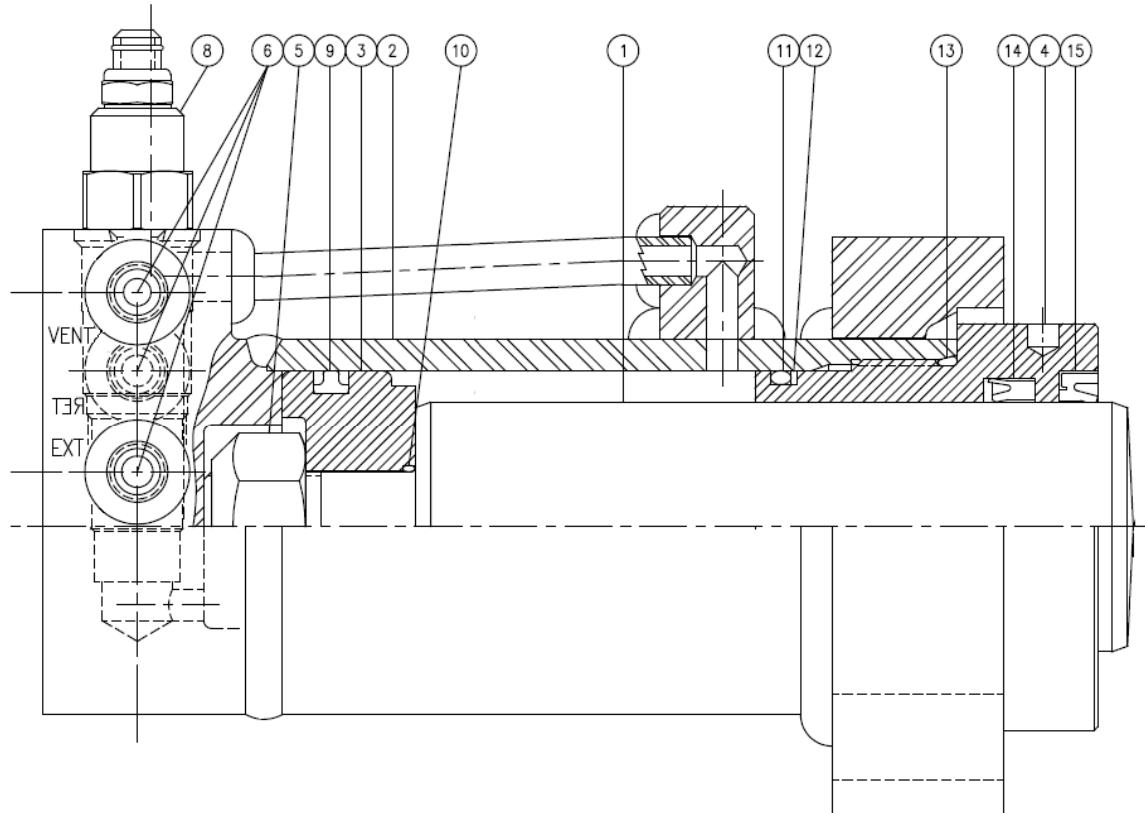
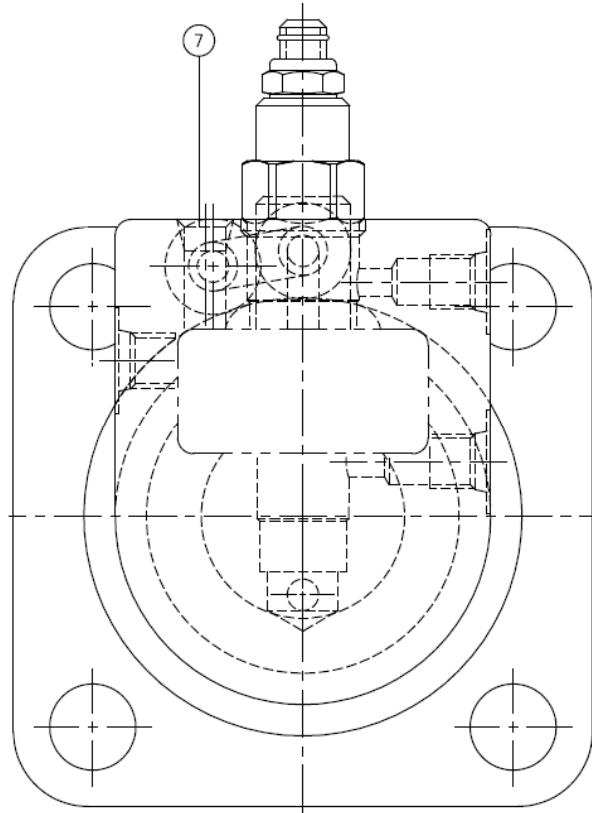
FC - DIVERTER VALVE				006-66-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	100858	8X22X7 ERTALYTE RING	
2	1	100859	VERS.17/S5 BUSHING	
3	1	100860	VERS.17/S5 BUSHING	
4	1	100077	S5 ENDCAP	
5	1	100861	C/S5 ALUMINIUM ENDCAP	
6	1	100862	AC DF5/3 SPOOL	
7	1	100863	DF5/3-SAE BODY	
8	1	100864	H=4.5/S5-D21.2 NYLON SPACER	
9	1	100865	C/S5 FORK	
10	1	100866	D SPRING FOR VERSION 8-9-10-17/S5	
11	1	100867	8x15 PIN	
12	2	100081	15.88X2.62 NBR 70 SH O-RING SEAL	
13	1	100868	16X5 SEAL	
14	1	100869	6,4x10x0,7 WASHER	
15	2	100082	UNI-5931/M5x18-8.8 GALVANIZED SCREW	
16	4	100870	UNI-5931/M5x30-8.8 BLACK OXIDE SCREW	
17	1	100871	UNI-5931/M6x14-8.8 GALVANIZED SCREW	



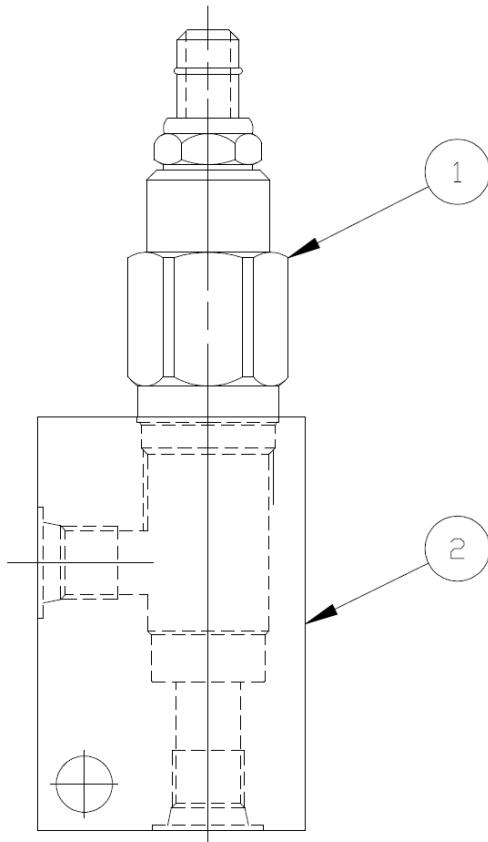
ITEM	QTY	PART NO	DESCRIPTION
1	1	038-66-005	MB - BM STOP ROD BUSHING
2	1	038-66-012	PLT-SPACER BUSHING BM STOP
3	1	038-66-013	PLT-RETAINER BUSHING BM STOP
4	2	CAT# 8T-4223	1/2", M12 WASHER FLAT, HARD, PLATED
5	2	CAT# 8T-4183	HDW - BOLT M12x1.75x40



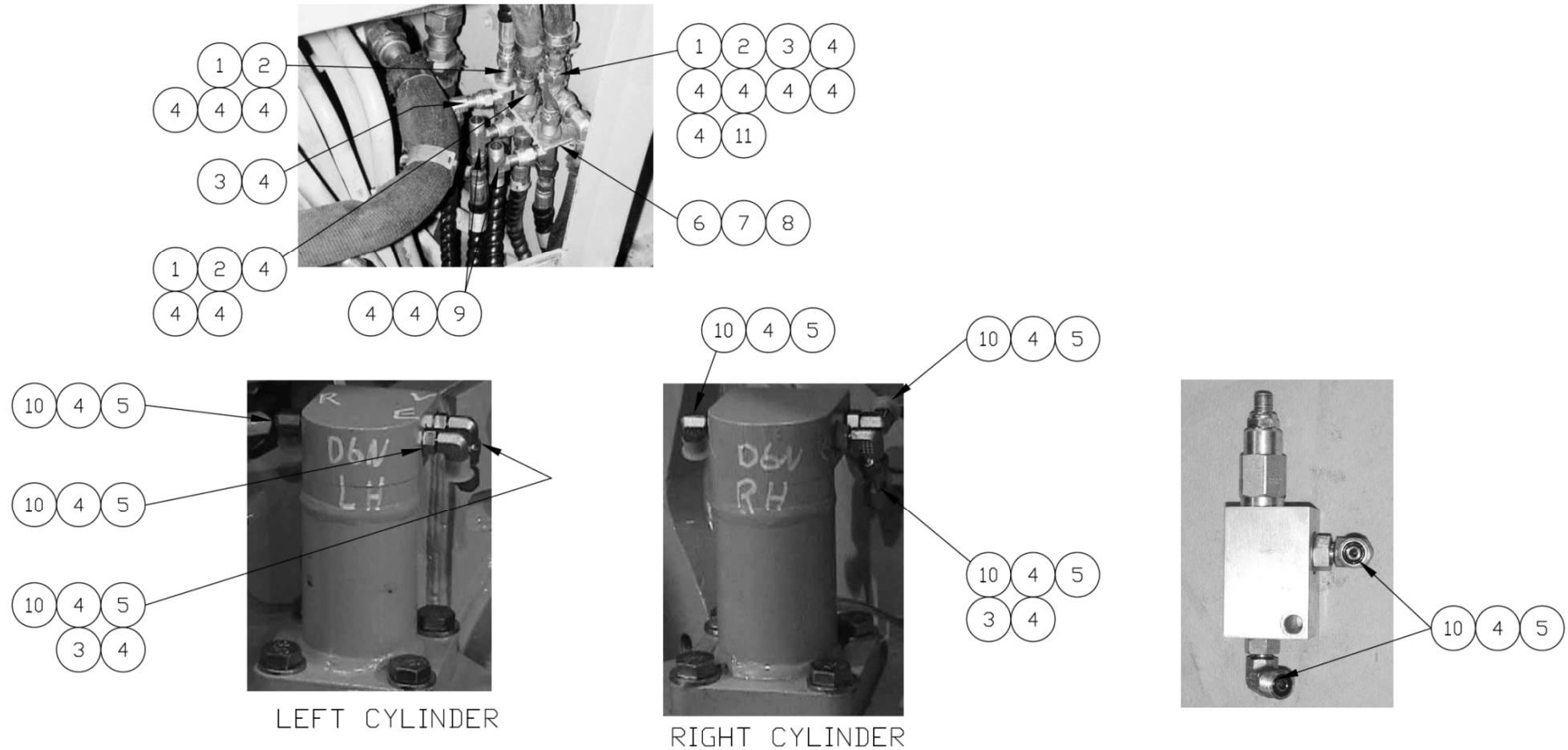
ITEM	QTY	PART NO	DESCRIPTION
1	2	038-67-005	CYL-EQ BAR LOCKOUT
2	8	CAT# 8T-4140	HEX HD CAP SCREW - M16x2.00x60
3	8	CAT# 9X-8257	WASHER - M16 HARDENED
4	1	033-67-001	AS-RH LOCKOUT CYL GD, D6M/D5H/D5M/D4H
5	6	CAT# 8T-4139	HEX HD CAP SCREW - M12x1.75x30
6	6	CAT# 8T-4223	WASHER - M12 HARDENED
7	1	033-67-002	AS-LH LOCKOUT CYL GD, D6M/D5H/D5M/D4H
8	1	038-43-006	FITTINGS KIT - EQUALIZER BAR LOCKOUT, D6N LGP
9	1	032-67-031	AS - LOCKOUT CYLINDER RELIEF VALVE
10	1	CAT# 8T-6912	HEX HD CAP SCREW - M8 x 1.25 x 50mm
11	1	CAT# 4B-4278	3/8 SAE FLAT WASHER
12	1	CAT# 8T-4224	M8 HARDENED WASHER
13	1	CAT# 5C-7261	M8 X 1.25 HARDENED NUT



CYL-EQ BAR LOCKOUT				038-67-005
ITEM	QTY	PART NO	DESCRIPTION	
1	1	100872	PISTON ROD	
2	1	100873	BUTT & TUBE ASSEMBLY	
3	1	100874	PISTON	
4	1	100875	GLAND	
5	1	100876	LOCKNUT (7/8-14)	
6	3	100877	ORB PORT PLUG (7/16-20)	
7	1	100878	PIPE PLUG (1/8 NPTF)	
8	1	100879	VENTED C-BALANCE VALVE	
9	1*	100880	T-SEAL	
10	1*	100881	O-RING	
11	1*	100882	O-RING	
12	1*	100883	BU-WASHER	
13	1*	100884	O-RING	
14	1*	100885	U-CUP	
15	1*	100532	WIPER	
	*	100886	PACKING KIT	

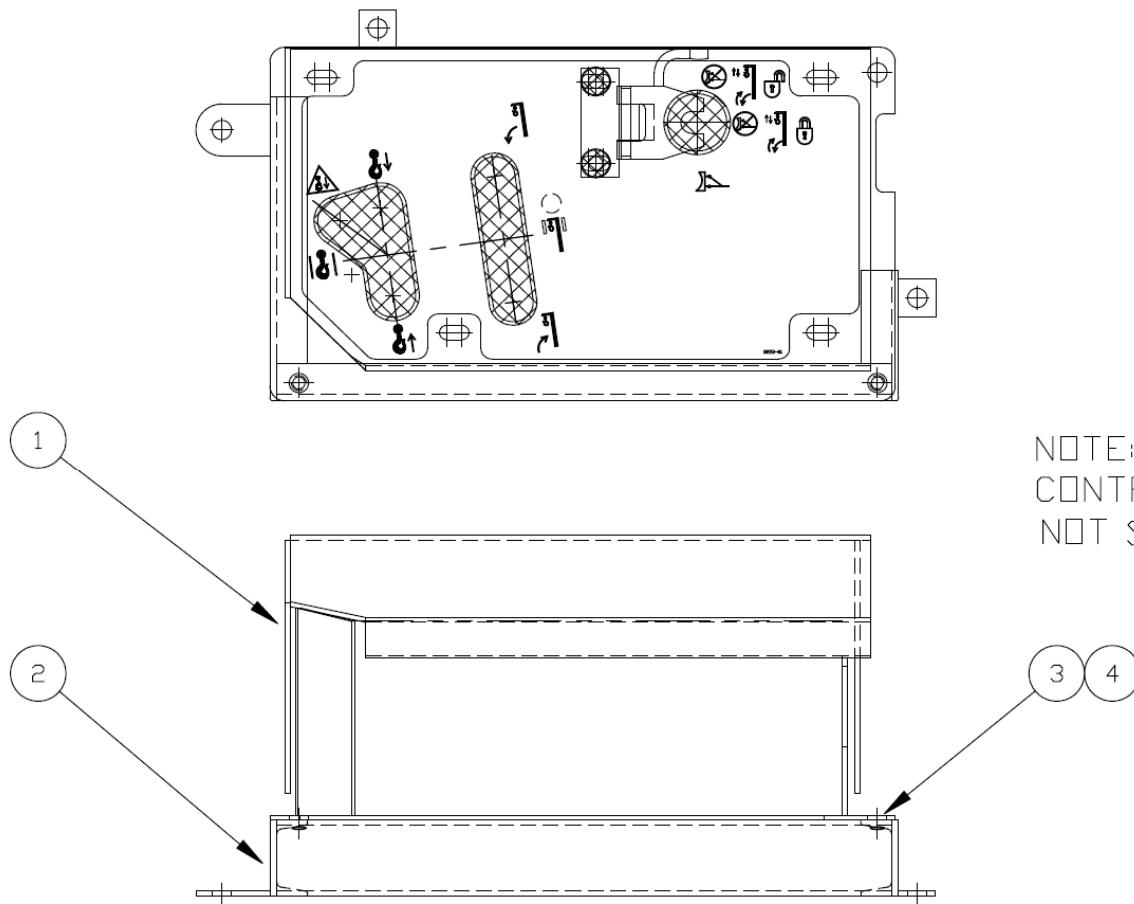


ITEM	QTY	PART NO	DESCRIPTION
1	1	100897	SUN DIRECT ACTING, INTERNAL DRAIN RELIEF VALVE
2	1	100898	LINE MOUNT BODY, SAE-4 PORTS

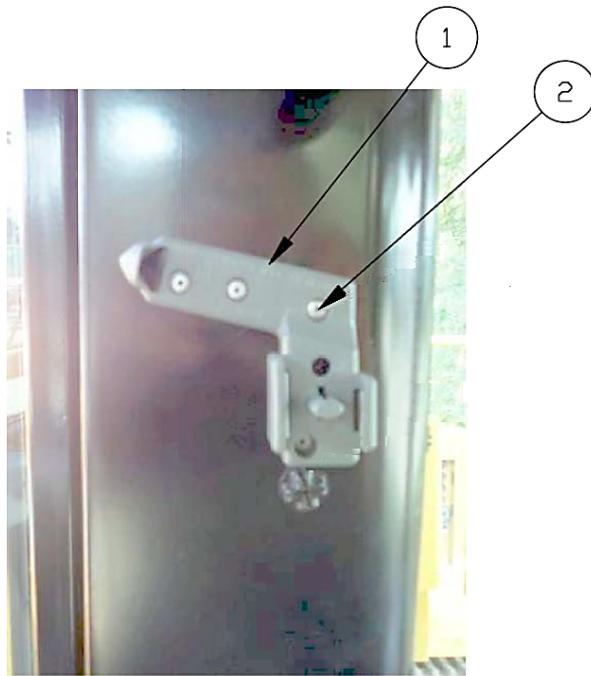


FITTING KIT – D6N EQ-BAR LOCKOUT				038-43-006
ITEM	QTY	PART NO	DESCRIPTION	
1	3	CAT# 8C-6444	ORFS MALE/ORFS MALE/ORFS MALE BULKHEAD-TEE-4-4-4	
2	3	CAT# 5P-0540	<u>OR</u> CAT# 2P-1279; NUT 9/16-18	
3	4	CAT# 6V-9849	ORFS MALE / ORFS FEMALE SWIVEL - 90° ELBOW -4-4	
4	27	CAT# 4J-5477	O-RING ORFS -4	
5	8	CAT# 3J-7354	O-RING STOR -4	
6	1	032-67-019	BRKT – LOCKOUT CYL BULKHEAD TEE MOUNTING	
7	3	CAT# 9X-2040	BUTTON HEAD SCREW	
8	3	CAT# 8T-4121	WASHER - M10 FLAT HARDENED ZINC PLATED	
9	2	CAT# 6V-9842	ORFS M/ORFS M/FEMALE SWIVEL TEE -4-4-4	
10	8	CAT# 6V-8628	ORFS MALE/SOTRE BOSS 90° ELBOW -4-4	
11	1	CAT# 6V-9835	ORFS MALE/ORFS MALE/ORFS SW TEE -4-4-4	

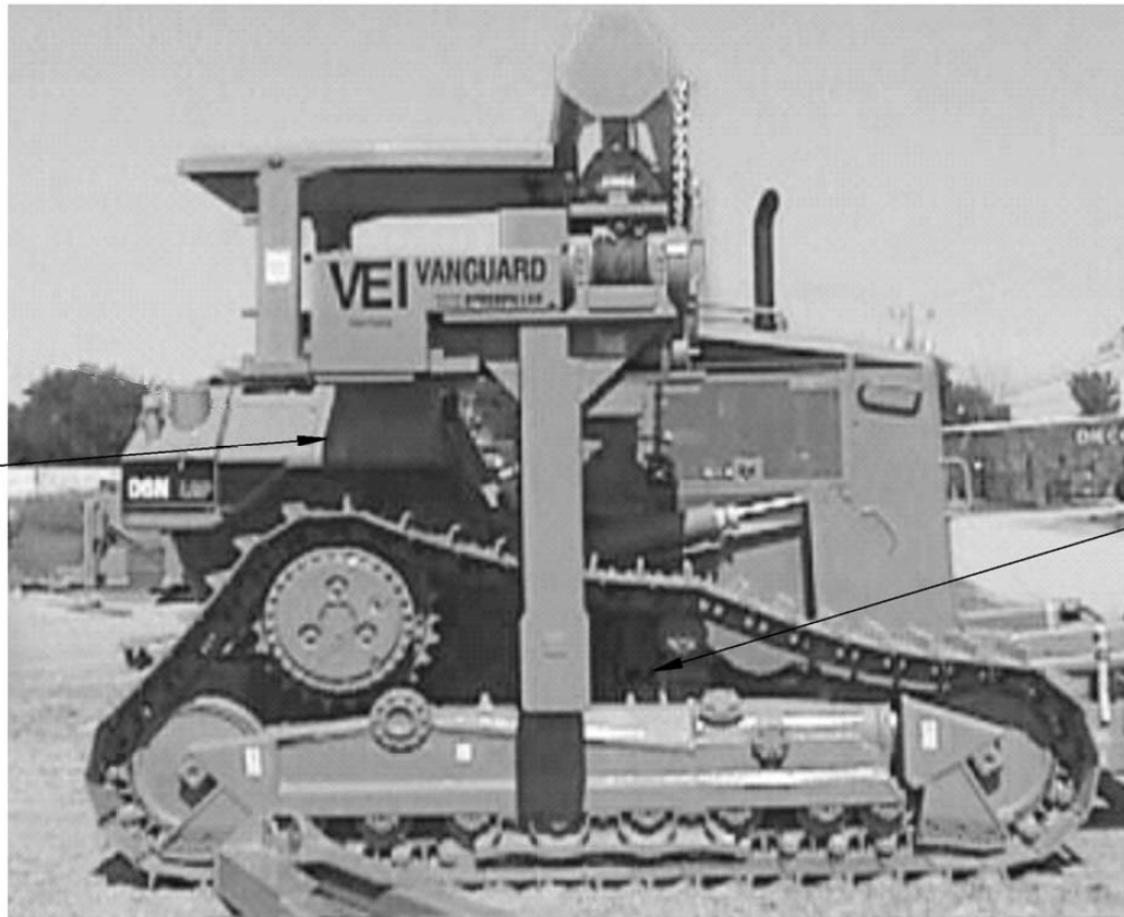
MOD - CAB MODIFICATION				039-70-001
ITEM	QTY	PART NO	DESCRIPTION	
1	1	031-70-007	CONTROL BOX – CAB MOUNT KIT	



ITEM	QTY	PART NO	DESCRIPTION
1	1	031-70-025	CONTROL BOX – CAB MODIFICATION
2	1	031-70-019	ADAPTER – CONTROL BOX, D4H CAB MOUNT
3	2	CAT# 9X-2040	M10x1.50x25LN – BUTTON HEAD CAP SCREW
4	2	CAT# 8T-4121	M10 FLAT HARDENED WASHER

CAB RIGHT HAND SIDE

ITEM	QTY	PART NO	DESCRIPTION
1	1	CAT# 8Y-6379	HDWM – KIT-HAMMER(C/W BRACKET)
2	4	CAT# 9N-1995	HDWM – RIVET 1/8X0.29 ALUM

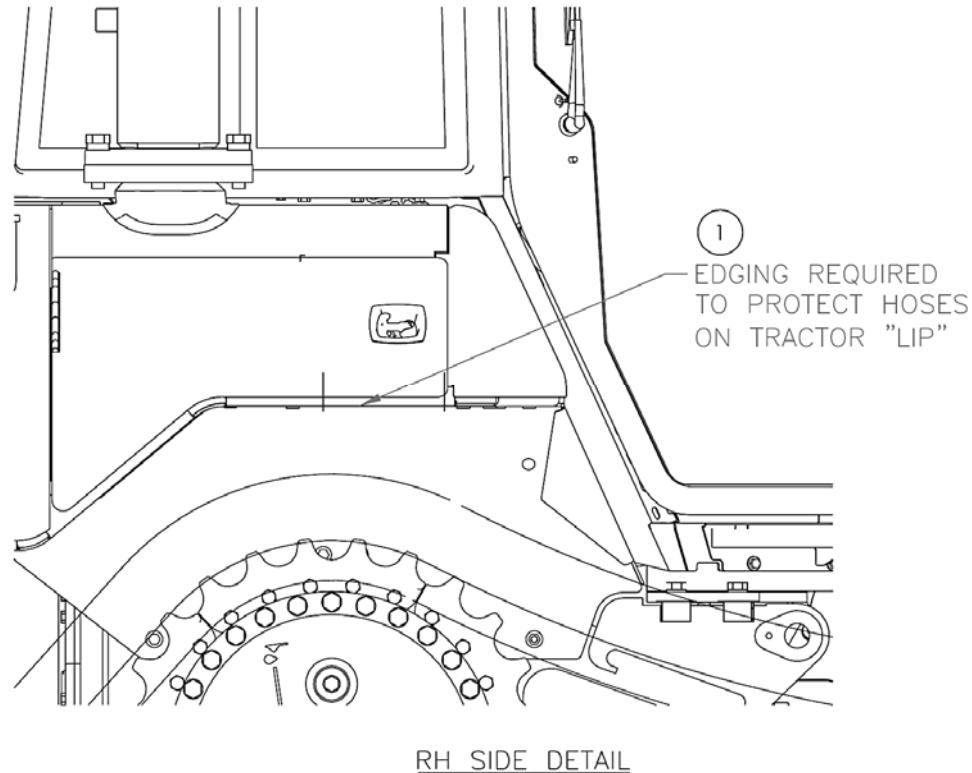


038-05-25-009A

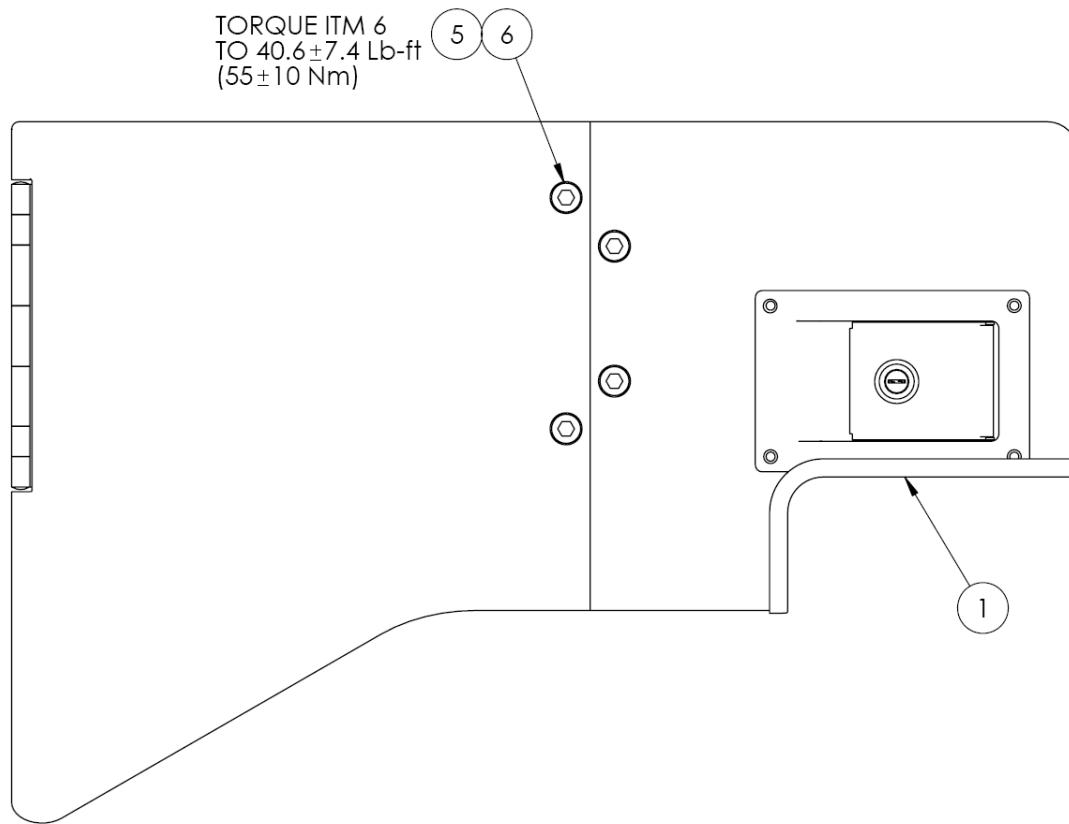
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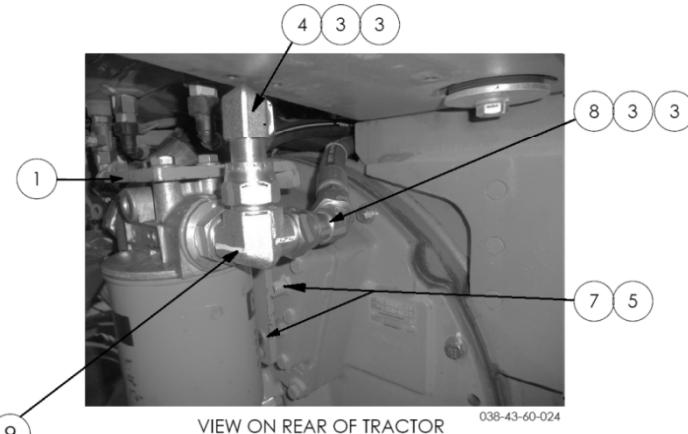
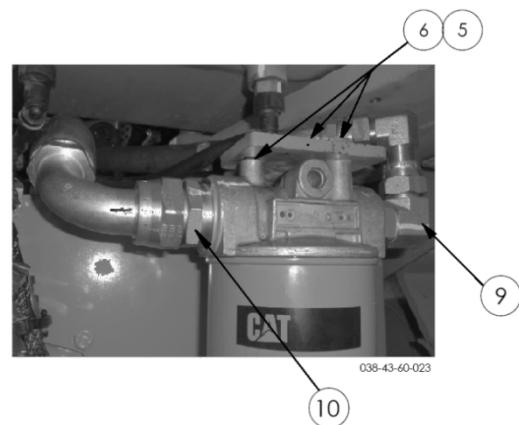
ITEM	QTY	PART NO	DESCRIPTION
3	1	038-71-026	AS - RH DOOR CUT-OUT D6N
4	1	038-71-022	MODS - FRAME GUARD, LH & RH, D6N
6	1	038-71-025	MOD - CASE DRAIN FLTR RELOCATE (D6N S/N GHS-UP)
7	1	038-71-033	TRCMOD - PBA F PUMP RELOCATE
8	1	038-43-017	FITTINGS GP HYDRAULIC MODIFICATIONS D6N LGP /W PILOT



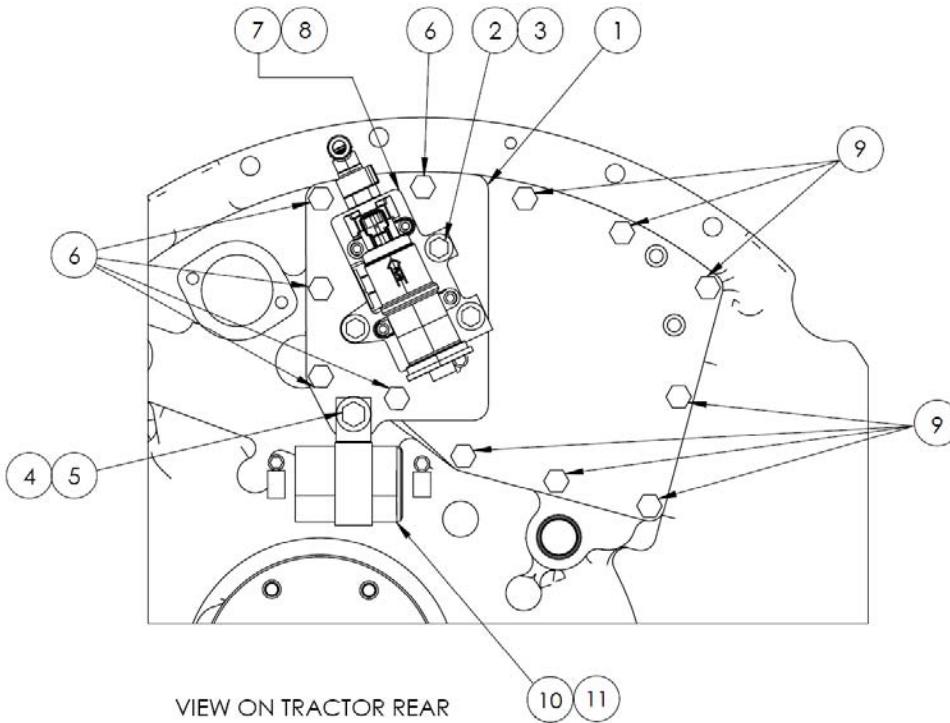
ITEM	QTY	PART NO	DESCRIPTION
1	1	038-11-010	HDWM - VINYL EDGE PUSH - 13 IN



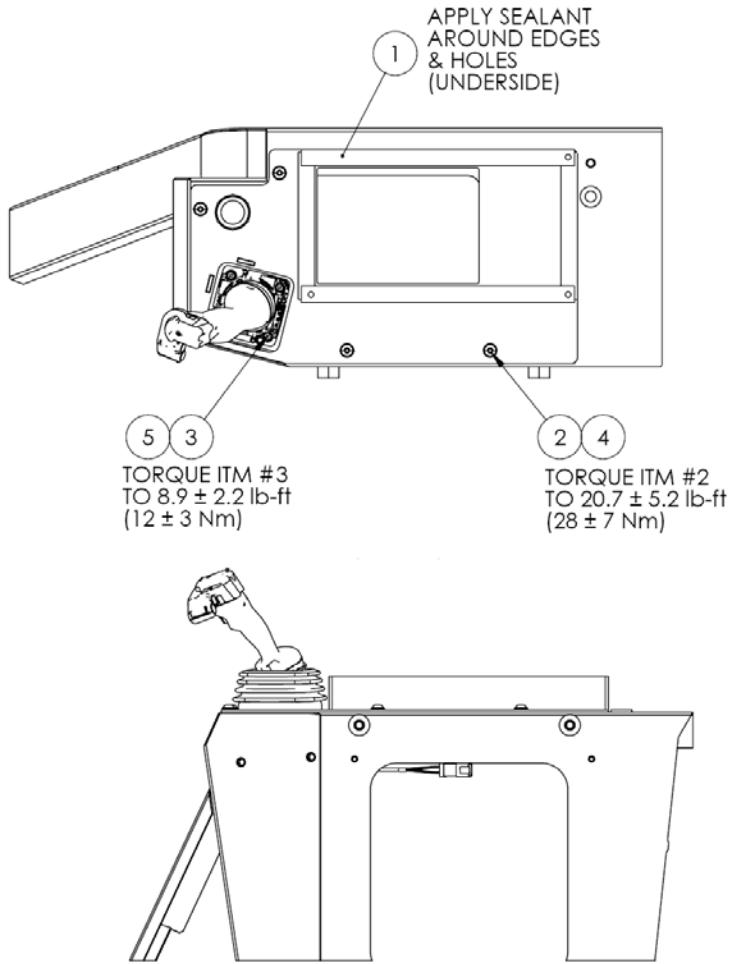
ITEM	QTY	PART NO	DESCRIPTION
1	1	038-11-006	HDWM - SELF GRIPPING 12 IN-VINYL EDGING
3	1	037-71-028	AS - BOLT PAD D6N LGP RH DOOR (NOT SHOWN)
5	4	CAT# 8T-4121	HDW - WASHER M10
6	4	CAT# 9X-2040	HDW - BSCS M10X1.5X25



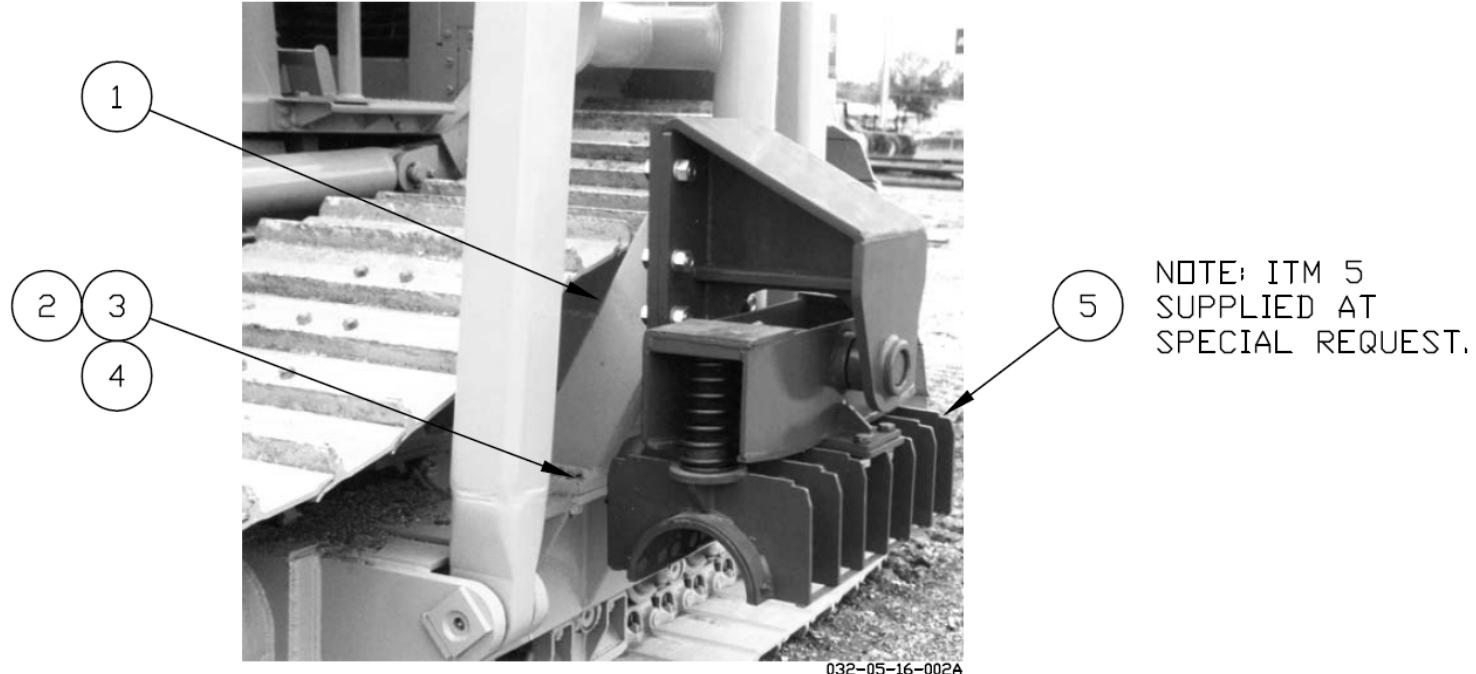
ITEM	QTY	PART NO	DESCRIPTION
1	1	038-71-004	PLT - CAT FILTER RELOCATE BRKT
2	1	CAT# 6V-8791	FF - TEE, ORFS M/ORFS M/ORFS M, -12/-12/-12
3	7	CAT# 6V-9746	O-RING ORFS -12
4	1	CAT# 6V-9853	SWIVEL NUT ELBOW, ORFS/ORFS SWIVEL -12/-12
5	5	CAT# 8T-4121	HDW - WASHER M10
6	3	CAT# 8T-4136	HDW - BOLT M10X1.5X25
7	2	CAT# 8T-4137	HDW - BOLT M10X1.5X20
8	1	CAT# 8T-8899	45 ELBOW - ORFS MALE / ORFS FEMALE -12/-12
9	1	CAT# 330-8105	TEE
10	1	CAT# 8T-7927	CON ORFS-20/STOR-16



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-71-034	AS - PBA F TRANSFER PUMP MTG
2	3	CAT# 099-3649	HDW - BOLT M8X1.25X40
3	3	CAT# 5P-4116	HDW - WASHER M8
4	1	CAT# 7X-7729	HDW - WASHER M10
5	1	CAT# 8T-4136	HDW - BOLT M10X1.5X25
6	5	CAT# 8T-4182	HDW - BOLT M10X1.5X45
7	1	CAT# 348-5054	AS - FUEL TRANSFER PUMP CONNECTORS
8	1	CAT# 357-6475	FUEL TRANSFER PUMP
9	7	CAT# 8T-4186	HDW - BOLT M10X1.5X40
10	4	CAT# 384-8512	FILTER-FUEL (IN-LINE)
11	1	CAT# 5P-4325	CLIP



ITEM	QTY	PART NO	DESCRIPTION
1	1	038-63-035	AS - RISER OPERATOR CONTROL BOX
2	5	CAT# 127-2170	HDW - M8X1.25X20 - TORX TRUSS HEAD
3	4	CAT# 166-3777	HDW - M6X1X28 - SOC BUTTON HD
4	5	CAT# 5P-4116	HDW - WASHER M8
5	4	CAT# 9X-8256	HDW - WASHER M6



ITEM	QTY	PART NO	DESCRIPTION
1	1	032-16-001	AS - BENDING SHOE BRKT
2	7	CAT# 8T-4187	BOLT M20x2.5x80 HX HD PLATED
3	14	CAT# 8T-4123	WASHER - M20 HARD, PLATED
4	7	CAT# 8T-4131	NUT M20x2.5 HX HD, HARD
5	1	032-16-007	OPTIONAL BENDING SHOE, C/W MOUNTING HARDWARE

ASSEMBLY PART NUMBER INDEX

0	
006-62-003	129
006-62-008	125
006-62-009	127
006-62-012	123
006-63-001	95
006-63-002	93
006-66-001	167
031-70-007	178
032-09-014	29
032-16-006	186
032-25-055	30
032-30-001	39
032-30-003	44
032-30-010	43
032-30-017	41
032-41-001	57
032-43-001	131
032-43-002	151
032-43-003	111
032-43-004	106
032-43-005	165
032-43-007	99
032-43-010	115
032-43-011	116
032-61-000	101
032-61-001	104
032-61-002	105
032-63-001	89
032-63-002	91
032-65-000	150
032-65-001	149
032-65-002	152
032-66-000	161
032-67-031	174
033-11-000	15
033-11-001	16
033-11-009	48
033-12-007	10
033-16-001	145
033-30-000	31
033-30-002	36
033-30-007	33
033-43-001	81
033-43-014	76
033-60-005	67
033-60-006	72
033-62-001	109
033-62-002	120
033-62-003	108
033-64-000	130
033-64-001	134
033-64-002	144
038-05-001	1
038-05-002	2
038-05-003	3
038-05-004	4
038-05-005	9
038-05-006	5
038-05-008	6
038-05-009	7
038-09-000	11
038-09-003	12
038-09-004	13
038-14-001	46
038-14-002	47
038-16-006	147
038-25-000	27
038-30-018	37
038-30-020	35
038-30-028	34
038-30-037	40
038-41-001	58
038-42-001	59
038-42-002	61
038-42-003	63
038-42-100	65
038-43-001	85
038-43-006	175
038-43-007	100
038-43-014	84
038-43-015	107
038-43-016	77
038-43-017	87
038-43-018	79
038-43-019	113
038-43-020	166
038-60-000	49
038-60-001	51
038-60-005	69
038-60-007	73
038-60-008	68
038-60-009	53
038-60-010	75
038-60-011	55
038-60-012	70
038-61-001	102
038-61-002	103
038-62-001	110
038-63-001	88
038-63-044	26
038-64-002	133
038-66-017	169
038-66-018	163
038-67-001	170
038-67-005	171
038-70-001	23
038-71-001	17
038-71-002	181
038-71-003	21
038-71-013	18

038-71-021	20	040-30-018.....	38
038-71-022	19	040-30-024.....	42
038-71-023	185	040-30-061.....	45
038-71-024	180	040-60-021.....	117
038-71-025	183	040-60-022.....	118
038-71-026	182	I	
038-71-032	25	100903	71
038-71-033	184	100905	121
039-70-001	177		
039-70-005	179		

NOTES: