

BALE PRO 8100

Parts Manual



Table of Contents

Parts Information

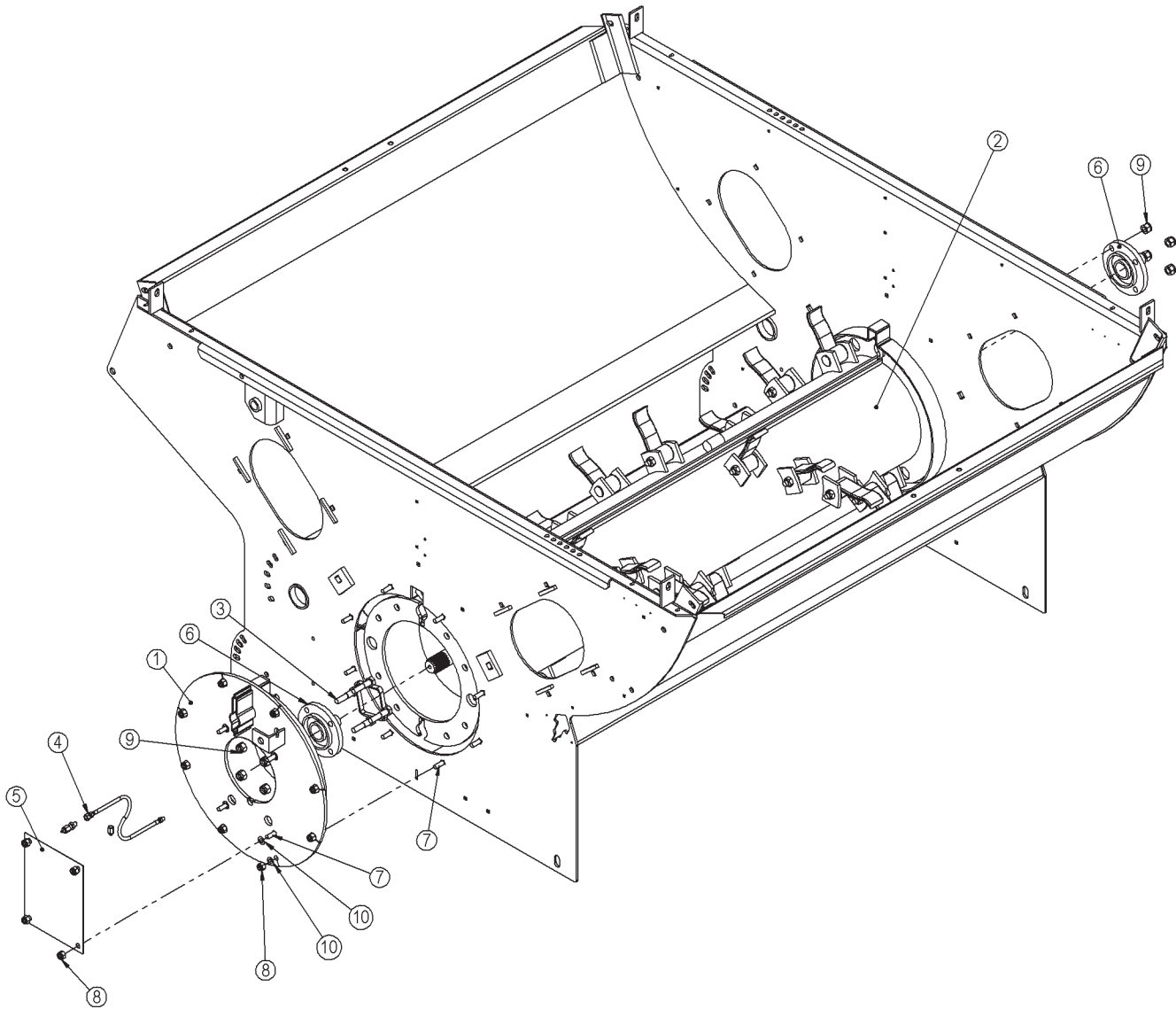
- 1.0 Flail Drum Assembly (Part No. 49332)**
- 1.1 Grease Kit Assembly (Part No. 49873)**
- 2.0 Flail Drum Assembly (Part No. 49559)**
- 3.0 Flail Guard Rod Assembly (Formed) (Part No. 49333)**
- 3.1 Flail Guard Rod Assembly (Flat)**
- 4.0 Feed Roller Drive Assembly (Part No. 49334)**
- 4.1 Hydraulic Motor Assembly (Part No. 33343)**
- 4.2 Hydraulic Flow Divider Valve (Part No. 33149)**
- 5.0 Feed Roller Assembly (Part No. 49506)**
- 6.0 Bale Deflector Assembly (Part No. 49206)**
- 7.0 Bottom Discharge Door Assembly (Part No. 49336)**
- 8.0 Top Discharge Door Assembly (Part No. 42221)**
- 9.0 Twine Cutter Assembly (Part No. 49338)**
- 9.1 Twine Cutter Handle Assembly (Part No. 42168)**
- 10.0 Tub to Frame and Axle Assembly (Part No. 42210)**
- 10.1 Axle Assembly (Part No. 49438)**
- 10.2 Axle Assembly (Part No. 49872)**
- 10.3 Hub Assembly (8 Bolt) (Part No. 30102)**
- 11.0 Hydraulic Cylinder Assembly (Part No. 42260)**
- 12.0 Drive Assembly -Category 4 Driveline (Part No. 42118)**
- 12.1 Drive Assembly - Category 6 Driveline**
- 12.2 Drive Line Assembly - Category 4 Driveline**
- 12.3 Drive Line Assembly -Category 6 Driveline**
- 12.4 Drive line Guard Assembly - (Part No.42119)**
- 13.0 Bale Pro 8100 Decals (Part No. 42219)**
- 14.0 Bale Lift Assembly (Part No. 42208)**
- 15.0 Hitch & Jack Assembly (Part No. 49597)**
- 15.1 Jack Assembly (Part No. 31800)**
- 16.0 Hitch Clevis Assembly (Part No. 49588)**
- 17.0 Hydraulic Door, Front Assembly (Part No. 42223)**

- 18.0 Field Light Option**
- 19.0 Clearance Light Option**
- 20.0 Harness Schematic For Clearance Light Option**
- 20.1 Harness Schematic For Clearance Light Option**
- 21.0 Flow Control Option**
- 22.0 Safety Chain Option**
- 23.0 Standard Tire Option**
- 24.0 Large Tire Option**
- 25.0 Three Remote Hydraulic Option**
- 26.0 Mechanical Valve Option**
- 26.1 Selector Rod Assembly**
- 26.2 Mechanical Valve Parts**
- 26.3 Selector Hydraulic Schematic**
- 27.0 Electric/Hydraulic Selector Valve Parts**
- 27.1 Electric/Hydraulic Valve Parts**
- 27.2 Harness Schematic for Elec/Hyd Selector Valve Option**
- 28.0 Right Hand Discharge Option**
- 28.1 Right Hand Gearbox Parts**

Parts Information

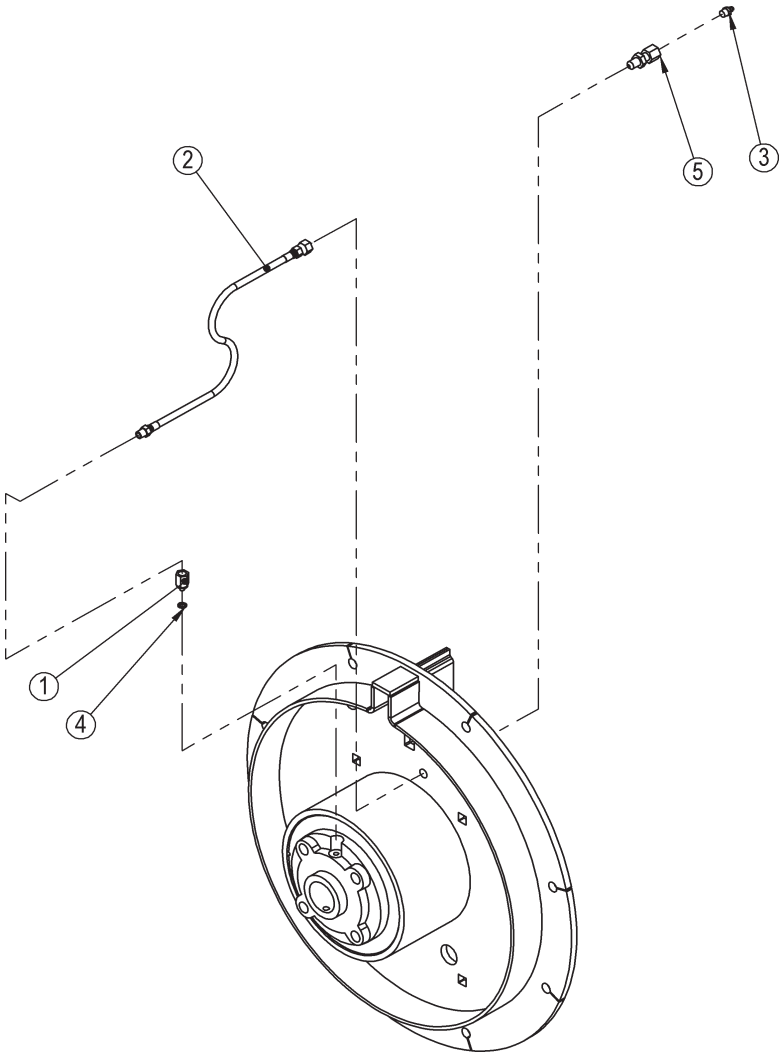
1.0 Flail Drum Assembly (Part No. 49332)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49283	WLDT,PLATE, BEARING, FRONT	1
2	49559	ASSY,FLAIL DRUM,COMPLETE	1
3	49675	WLDT,BOLT,BEARING	1
4	49873	ASSY,KIT,GREASE,FLAIL_DRUM	1
5	E8584	PLT,COVER,SHAFT	1
6	33655	BEARING,CARTRIDGE,FLANGE,1-3/4"	2
7	31008	BOLT,CARR,1/2X1-1/2,UNC,GR5,ZP	12
8	31173	NUT,NYLOCK,1/2,UNC,ZP	12
9	31178	NUT,NYLOCK,5/8,UNC,ZP	8
10	31894	RETAINER,BOLT,1/2	12



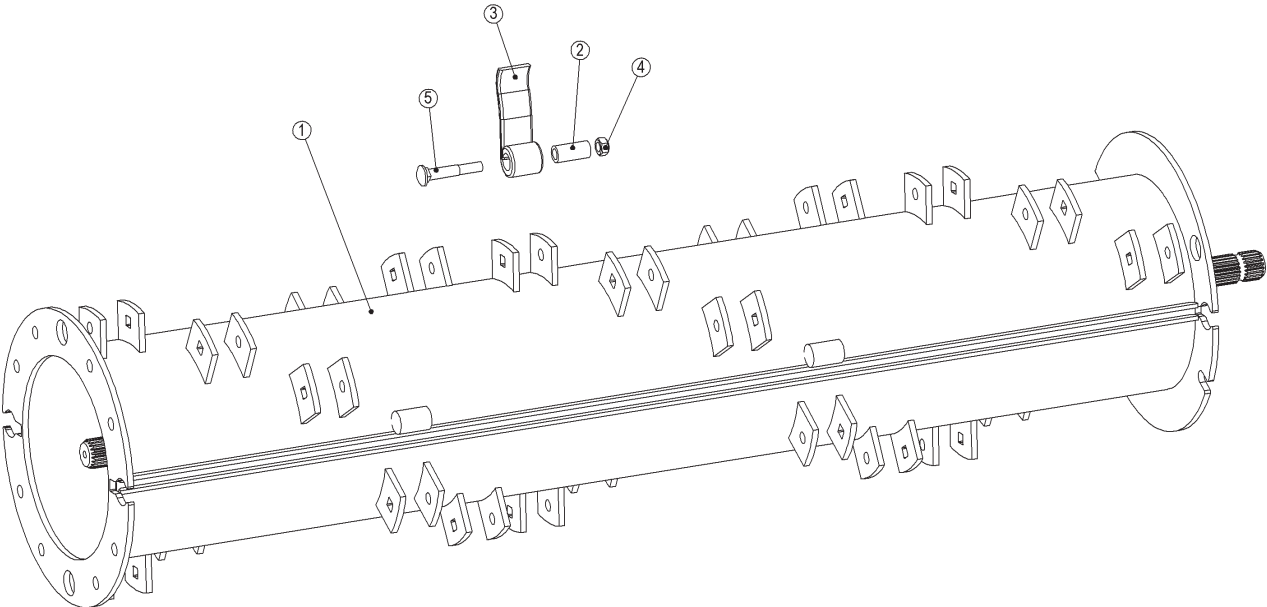
1.1 Grease Kit Assembly (Part No. 49873)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	33966	GRS,FIT,ADAPTER,2FP-6mm	1
2	33967	GRS,HOSE,1/8X7,2MP-4FJX,3130	1
3	33968	ZERK,1/8-27,GN610,STRAIGHT	1
4	33969	GRS,FIT,WASHER,SEAL,6mm	1
5	33970	GRS,FIT,ADAP,BLKHD,2FP-4MJ	1



2.0 Flail Drum Assembly (Part No. 49559)

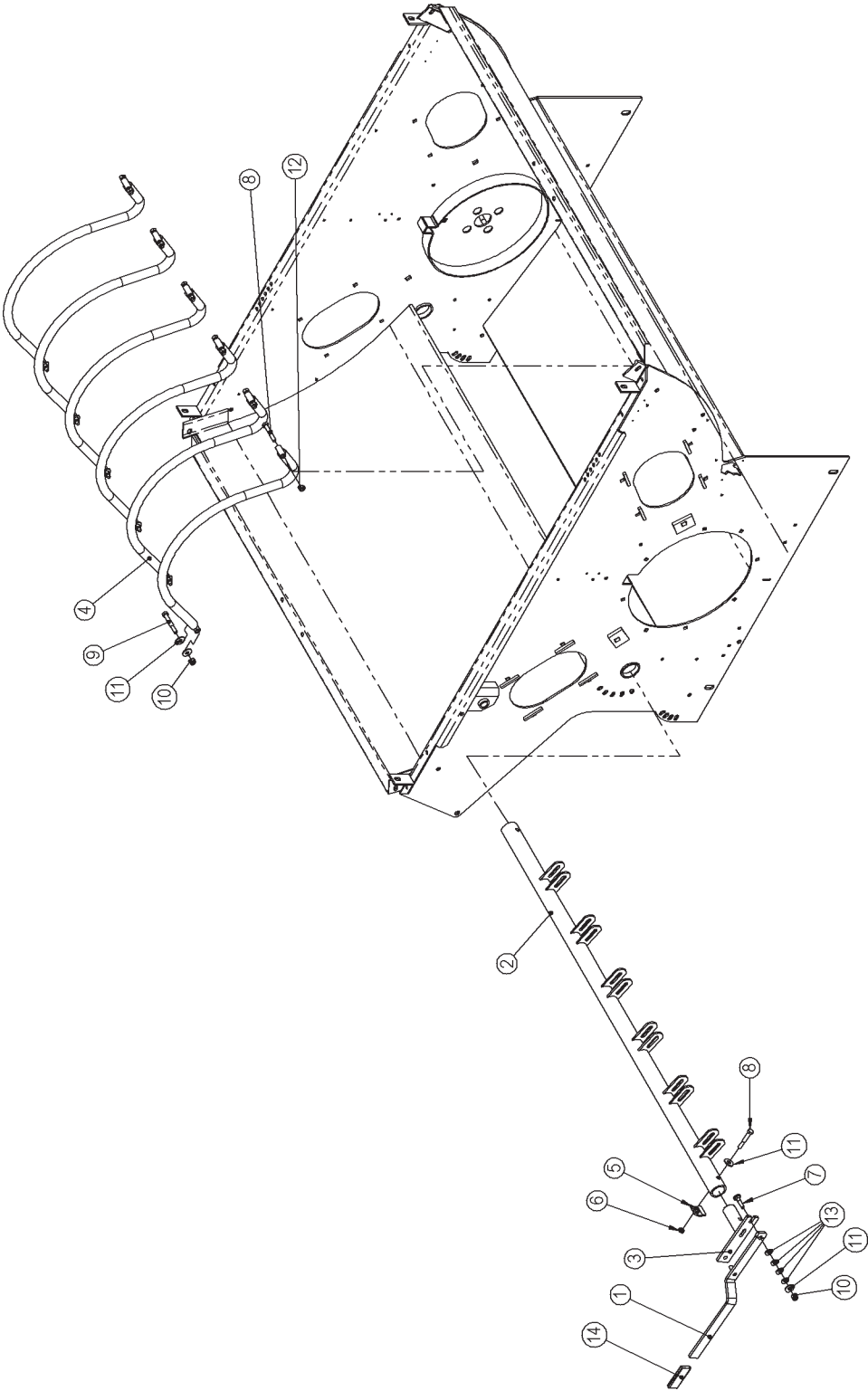
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49553	WLDT,DRUM,FLAIL,BP8	1
2	E2083	PIPE,DOM,1x.180x2-1/8L,HARD	26
3	E3714	FLAIL,2X5-1/2	26
4	31170	NUT,LOCK,STOVER,5/8,UNF,ZP	26
5	33696	BOLT,CARR,5/8X3-3/4,F,GR8,BLK	26



3.0 Flail Guard Rod Assembly (Formed) (Part No. 49333)

Up to Serial No: BP81003168

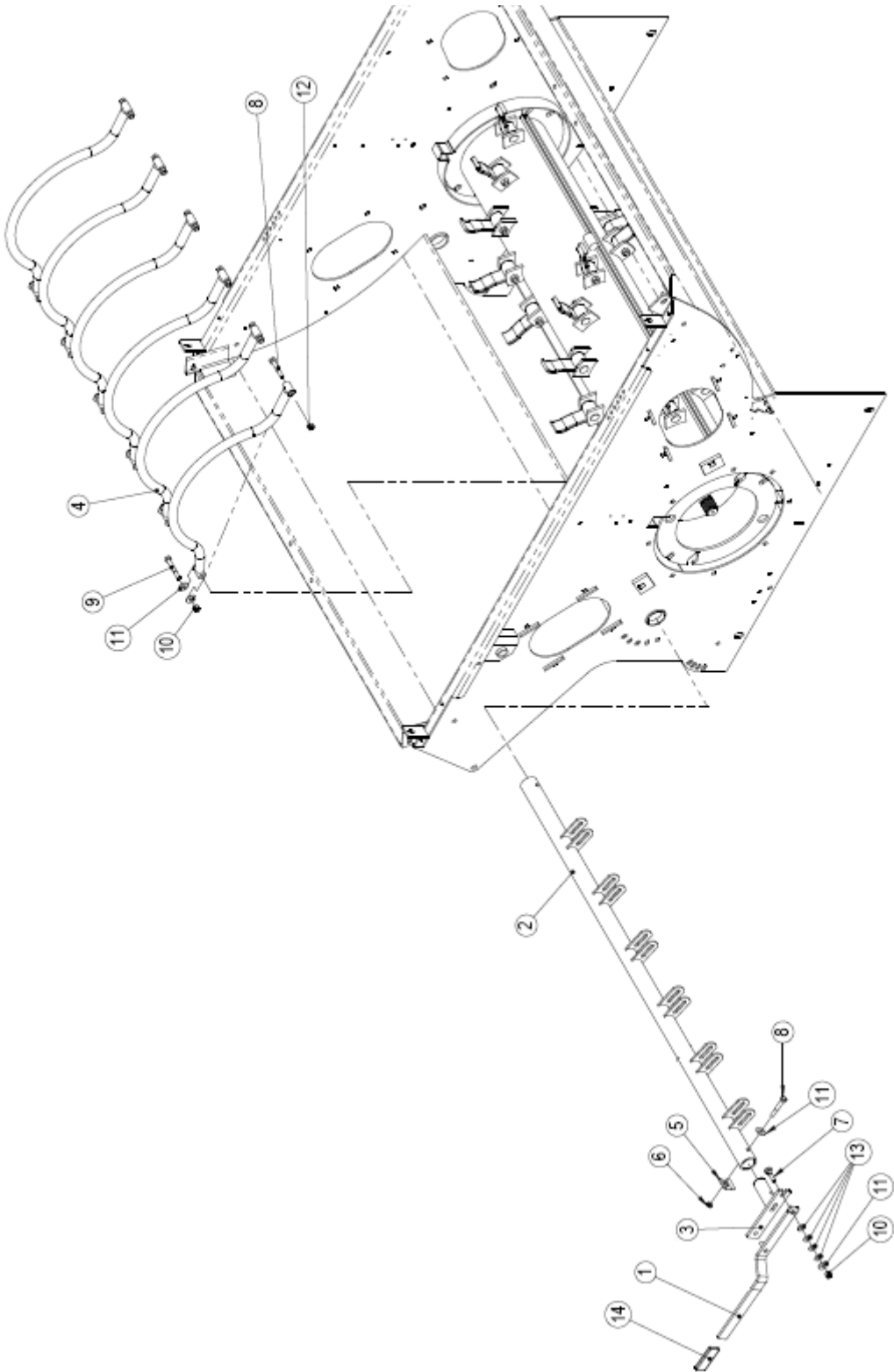
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42158	WLDT,HANDLE,FGR	1
2	49280	WLDT,BAR,ADJ,GUARD,FLAIL	1
3	49894	WLDT,PIN, ADJUSTMENT,FGR	1
4	49930	WLDT,GUARD ROD,FORMED	6
5	E8160	PLT,SPACER,FGR,ADJUST	1
6	30611	NUT,NYLOCK,JAM,1/2,UNC,ZP	1
7	31009	BOLT,CARR,1/2X2,UNC,GR5,ZP	1
8	31021	BOLT,HEX,1/2X3,UNC,GR5,ZP	7
9	31023	BOLT,HEX,1/2X3-1/2,UNC,GR5,ZP	6
10	31173	NUT,NYLOCK,1/2,UNC,ZP	7
11	31236	WASHER,FLAT,1/2,ZP	14
12	31612	NUT,STOVER,1/2,UNC,ZP	6
13	33562	WASHER,SPRING,1/2,517	4
14	92127	COVER,VINYL,3/8X1-1/2	1



3.1 Flail Guard Rod Assembly (Flat)

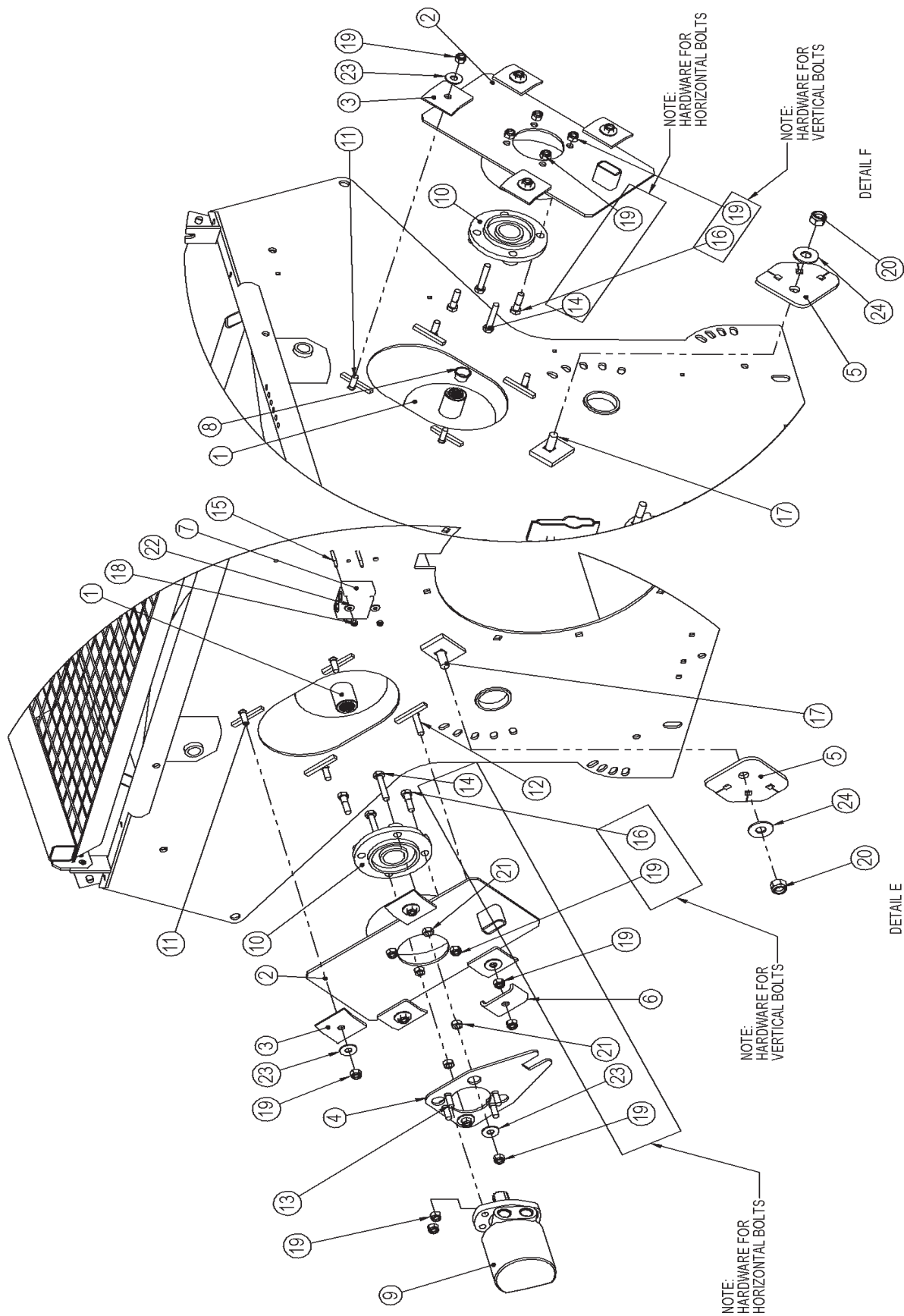
From Serial No: BP81003619

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42158	WLDT,HANDLE,FGR	1
2	49280	WLDT.BAR,ADJ.GUARD.FLAIL	1
3	49894	WLDT,PIN,ADJUSTMENT,FGR	1
4	40522	WLDT.GUARD ROD.FLAT	6
5	E8160	PLT.SPACER,FGR,ADJUST	1
6	30611	NUT,NYLOCK,JAM,1/2,UNC,ZP	1
7	31009	BOLT.CARR,1/2X2,UNC,GR5,ZP	1
8	31021	BOLT,HEX,1/2X3,UNC,GR5,ZP	7
9	31023	BOLT,HEX,1/2X3-1/2,UNC,GR5,ZP	6
10	31173	NUT,NYLOCK,1/2,UNC,ZP	7
11	31236	WASHER,FLAT,1/2,ZP	14
12	31612	NUT,STOVER,1/2,UNC,ZP	6
13	33562	WASHER,SPRING,1/2,517	4
14	92127	COVER,VINYL,3/8X1-1/2	1



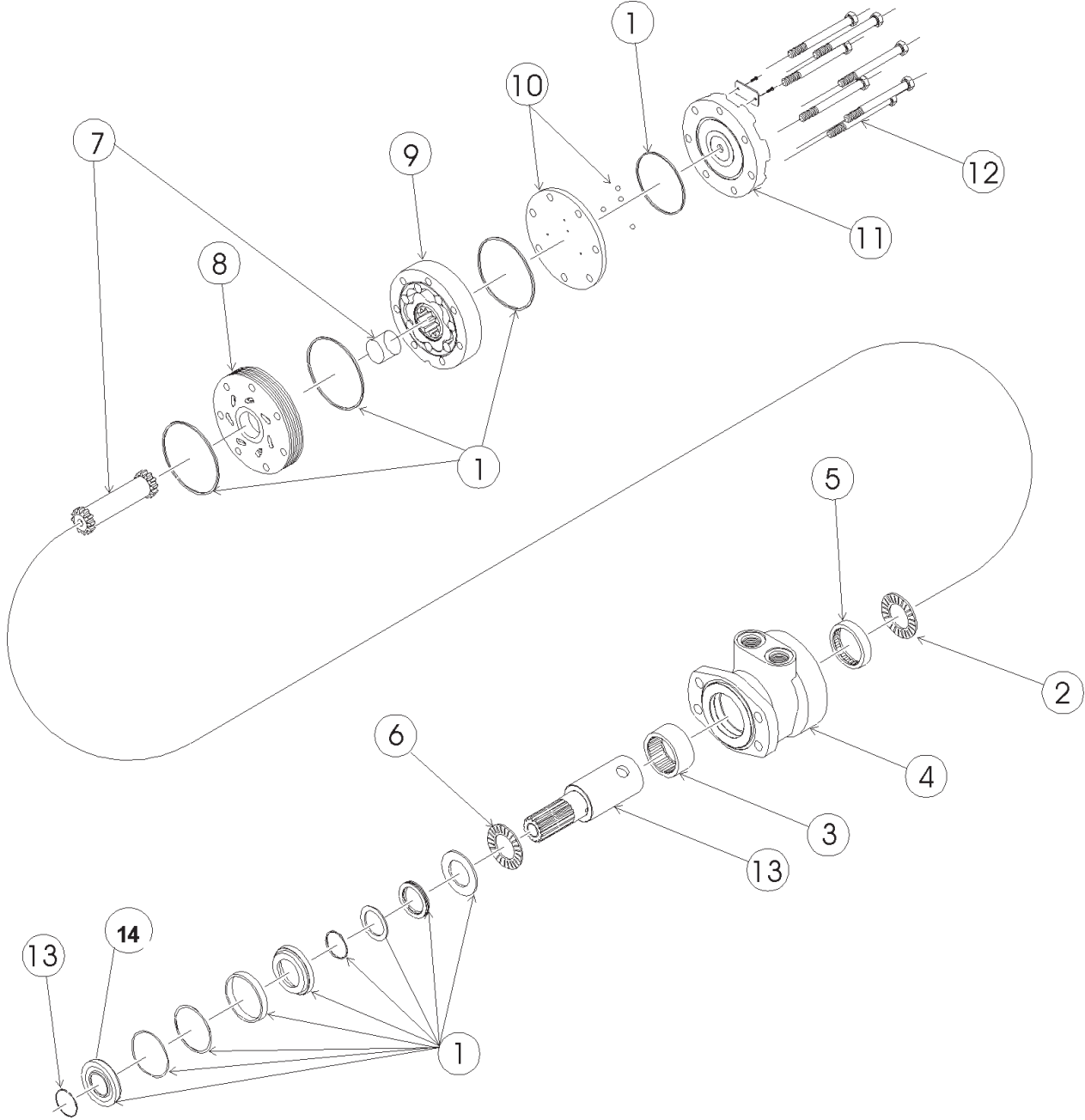
4.0 Feed Roller Drive Assembly (Part No. 49334)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49506	ASSY,FEEDROLLER,6'	2
2	49574	WLDT,MOUNT,TWINE/BEARING	4
3	E6665	CLIP,PLATE,ADJUSTMENT	16
4	E6699	PLT,MOTOR,MOUNT	2
5	E7327	LUG,ADJUST,FEEDROLL	4
6	E7768	CLAMP,HOSE,HYD,90d	1
7	33149	HYD,VALVE,FLOW_DIVIDER	1
8	33169	PLUG,PLASTIC,TAPERED,1-1/16"	2
9	33343	HYD,MOTOR,32,2000	2
10	33655	BEARING,CARTRIDGE,FLANGE,1-3/4"	4
11	33678	BOLT,CARR,1/2X1-3/4,UNC,GR5,ZP	15
12	33592	BOLT,CR,1/2X2-3/4,UNC,G5,FT,ZP	1
13	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	8
14	33921	BOLT,HEX,1/2X3,UNC,GR5,ZP,FT	8
15	31032	BOLT,HEX,1/4X2-1/4,UNC,GR5,ZP	2
16	31070	BOLT,HEX,1/2X2,UNC,GR5,ZP	8
17	33449	BOLT,CARR,3/4x2-1/2,UNC,GR5,ZP	4
18	31174	NUT,NYLOCK,1/4,UNC,ZP	2
19	31173	NUT,NYLOCK,1/2,UNC,ZP	41
20	31175	NUT,NYLOCK,3/4,UNC,ZP	4
21	31163	NUT,HEX,1/2,UNC,GR5,ZP	8
22	31237	WASHER,FLAT,1/4,ZP	2
23	31236	WASHER,FLAT,1/2,ZP	20
24	31238	WASHER,FLAT,3/4,ZP	4



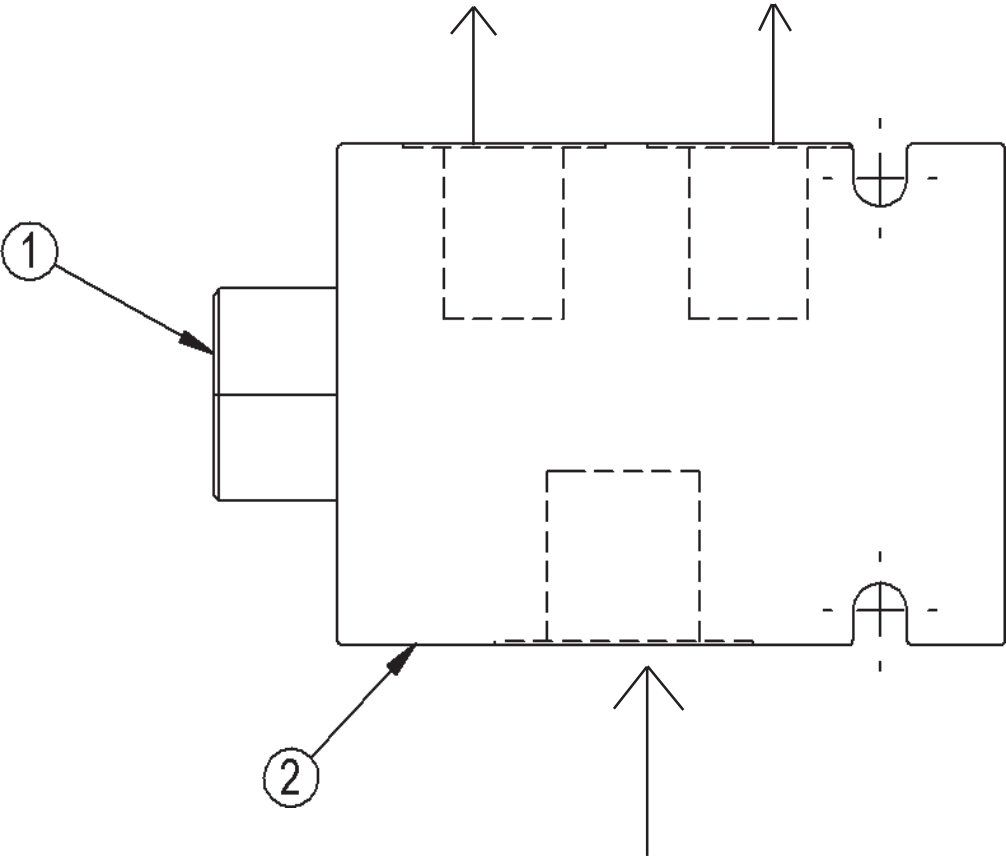
4.1 Hydraulic Motor Assembly (Part No. 33343)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	32647	SEAL KIT,ROLLER STATOR	1
2	32651	BEARING,THRUST,REAR	1
3	32650	BEARING,HOUSING,FRONT	1
4	33653	HOUSING KIT	1
5	32649	BEARING,HOUSING,REAR,1/2	1
6	32639	BEARING,THRUST,FRONT	1
7	32722	DRIVE LINK KIT	1
8	32725	MANIFOLD (CW)	1
9	32643	ROTOR KIT	1
10	32726	BALANCE PLATE & BALLS	1
11	32727	END COVER	1
12	32655	BOLT KIT	1
13	32653	SHAFT KIT	1
14	32656	DUST SEAL ONLY	1



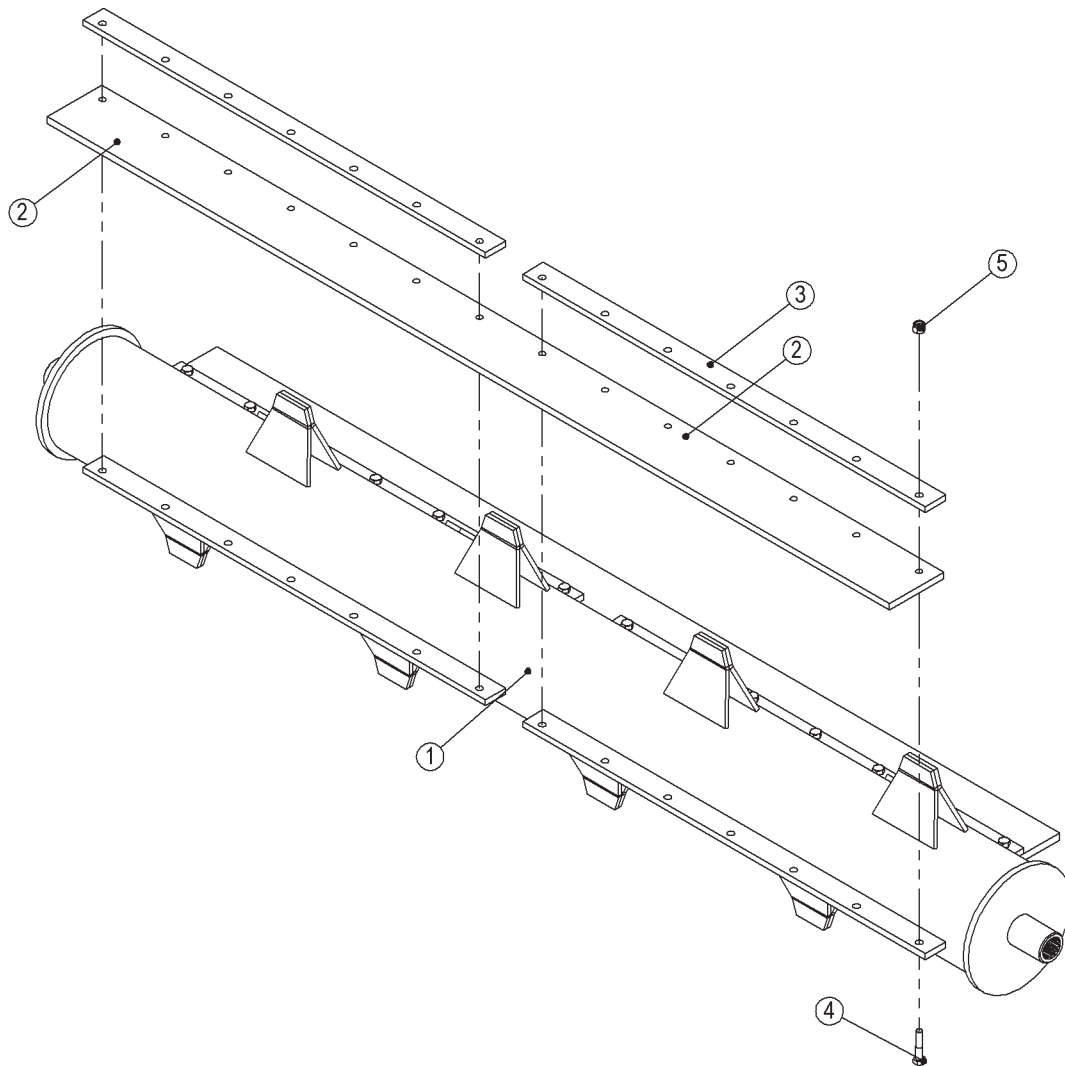
4.2 Hydraulic Flow Divider Valve (Part No. 33149)

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	33142	HYD,CARTRIDGE,FLOW_DIVIDER	1
2	33400	HYD,BODY,FLOW_DIVIDER	1
3	33589	HYD,SEAL KIT,FLOW DIVIDER	1



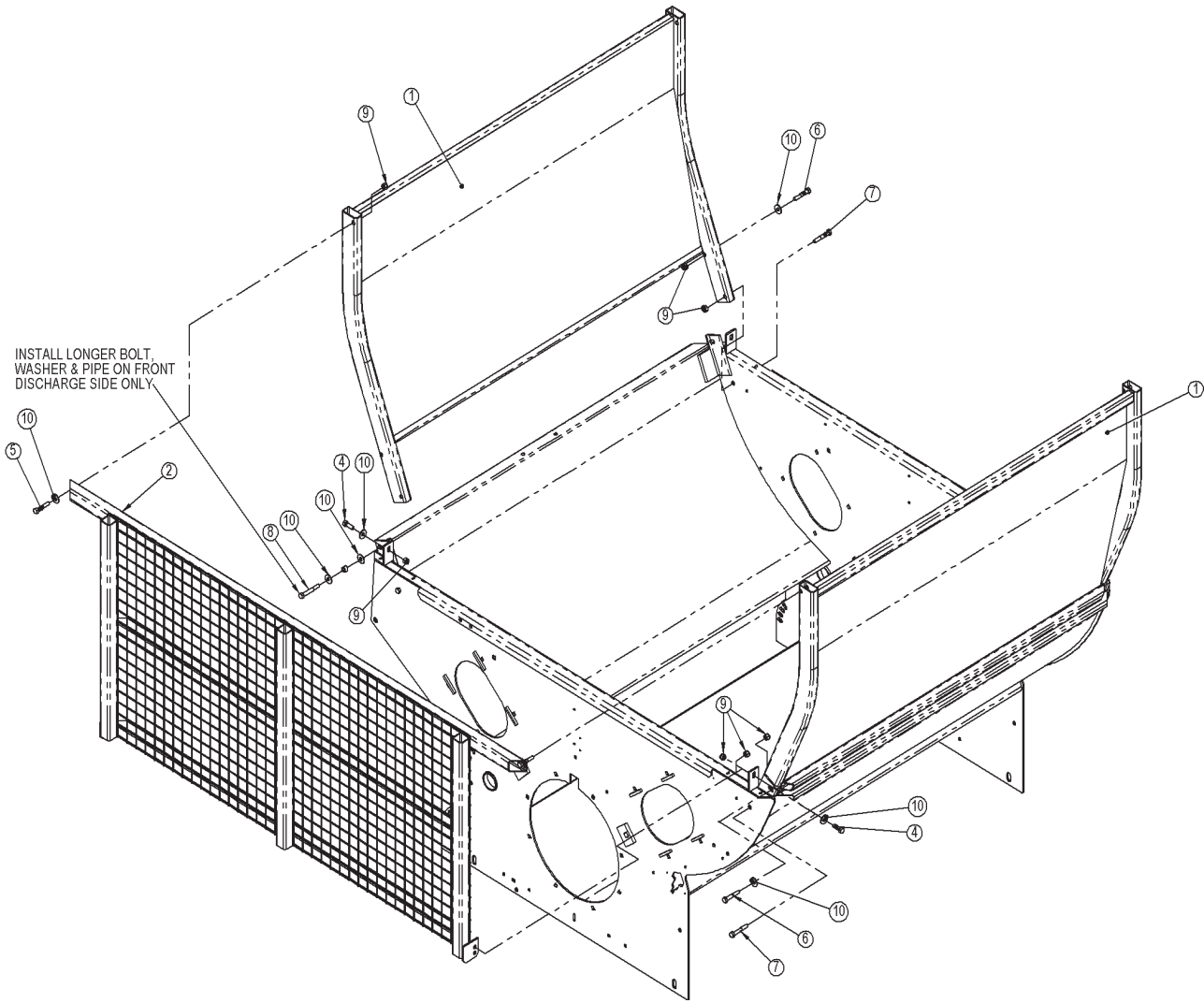
5.0 Feed Roller Assembly (Part No. 49506)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49507	WLDT,FEEDROLLER,6'	1
2	E3581	BELTING,ROLLER,FEED,14 HOLE	2
3	E6526	PLT,SCRAPER,RUBBER	4
4	31066	BOLT,HEX,3/8X1-3/4,UNC,GR5,ZP	28
5	31176	NUT,NYLOCK,3/8,UNC,ZP	28



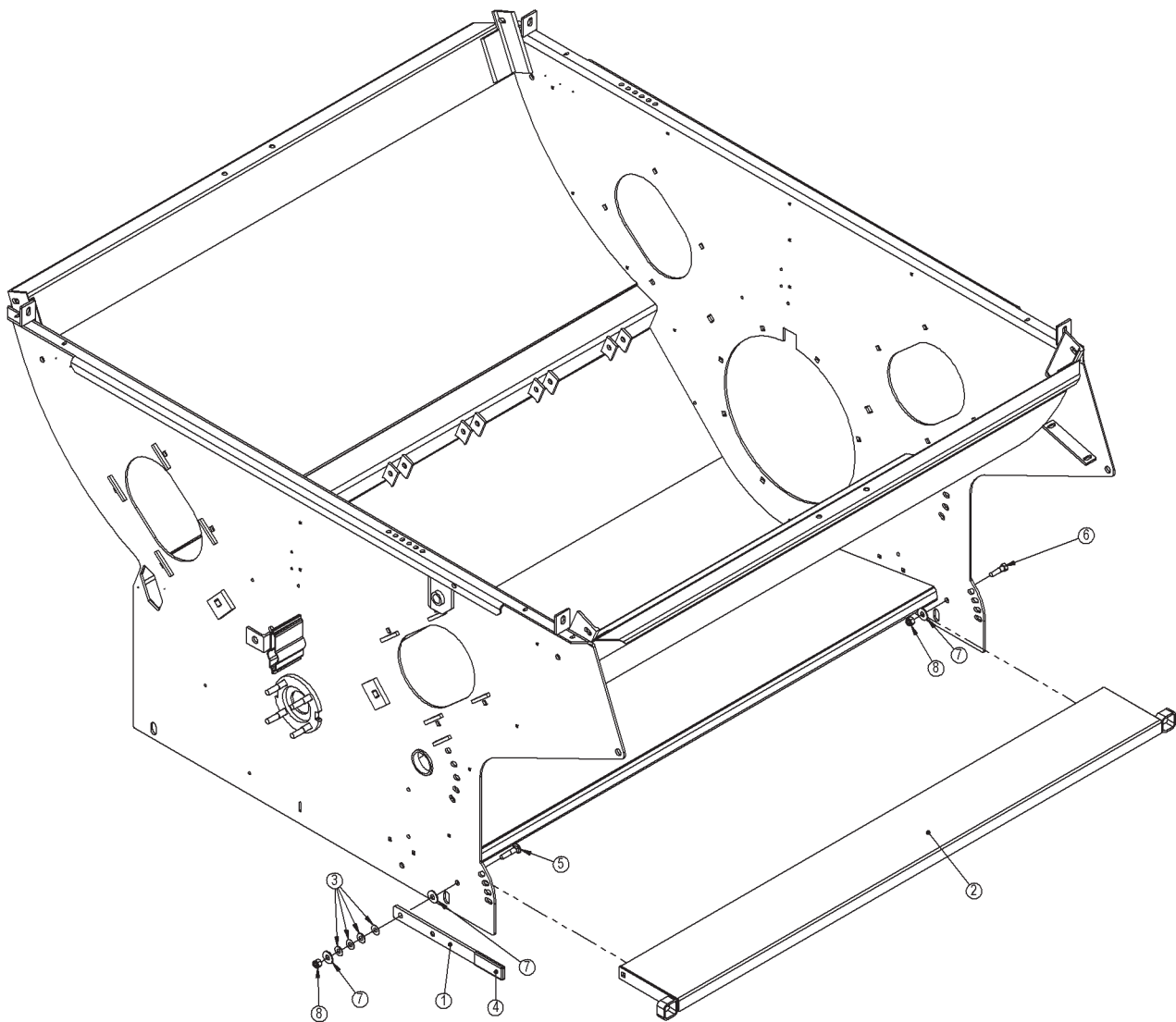
6.0 Bale Deflector Assembly (Part No. 49206)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42203	WLDT,DEFLECTOR,SIDE	2
2	42204	WLDT,SCREEN,FRONT	1
3	E8792	PIPE,SCH80,1/2X1/2L	1
4	31016	BOLT,HEX,1/2X1-1/2,UNC,GR5,ZP	2
5	31018	BOLT,HEX,1/2X2-1/2,UNC,GR5,ZP	2
6	31020	BOLT,HEX,1/2X2-3/4,UNC,GR5,ZP	3
7	31021	BOLT,HEX,1/2X3,UNC,GR5,ZP	4
8	31023	BOLT,HEX,1/2X3-1/2,UNC,GR5,ZP	1
9	31173	NUT,NYLOCK,1/2,UNC,ZP	12
10	31236	WASHER,FLAT,1/2,ZP	9



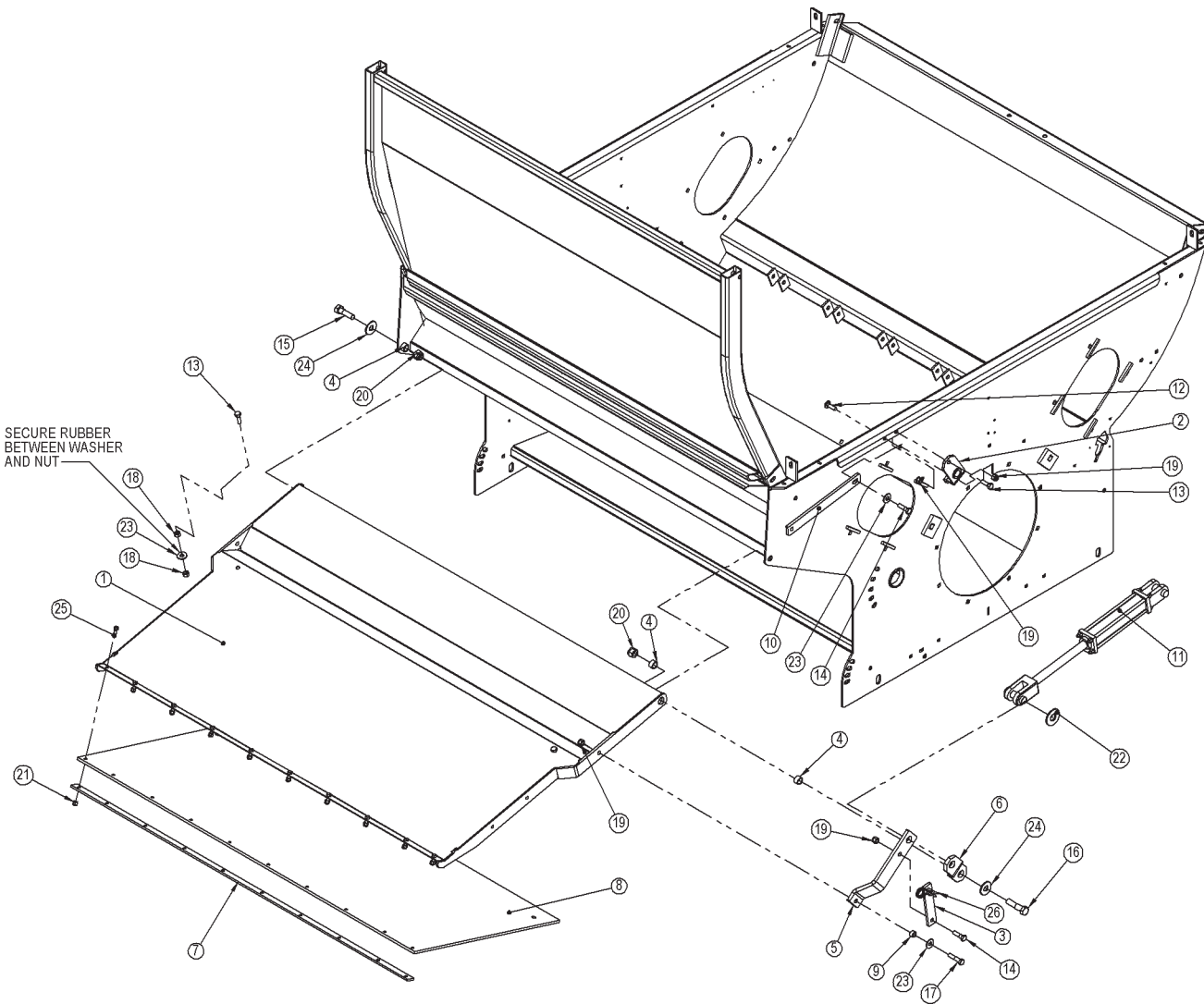
7.0 Bottom Discharge Door Assembly (Part No. 49336)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42159	WLDT,HANDLE,BOTTOMDD	1
2	49892	WLDT,DOOR, DISCHARGE, BOTTOM	1
3	33562	WASHER,SPRING,1/2,517	4
4	92127	COVER,VINYL,3/8X1-1/2	1
5	31431	BOLT,CARR,1/2X2-1/4,UNC,GR5,ZP	1
6	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	1
7	31236	WASHER,FLAT,1/2,ZP	3
8	31173	NUT,NYLOCK,1/2,UNC,ZP	2



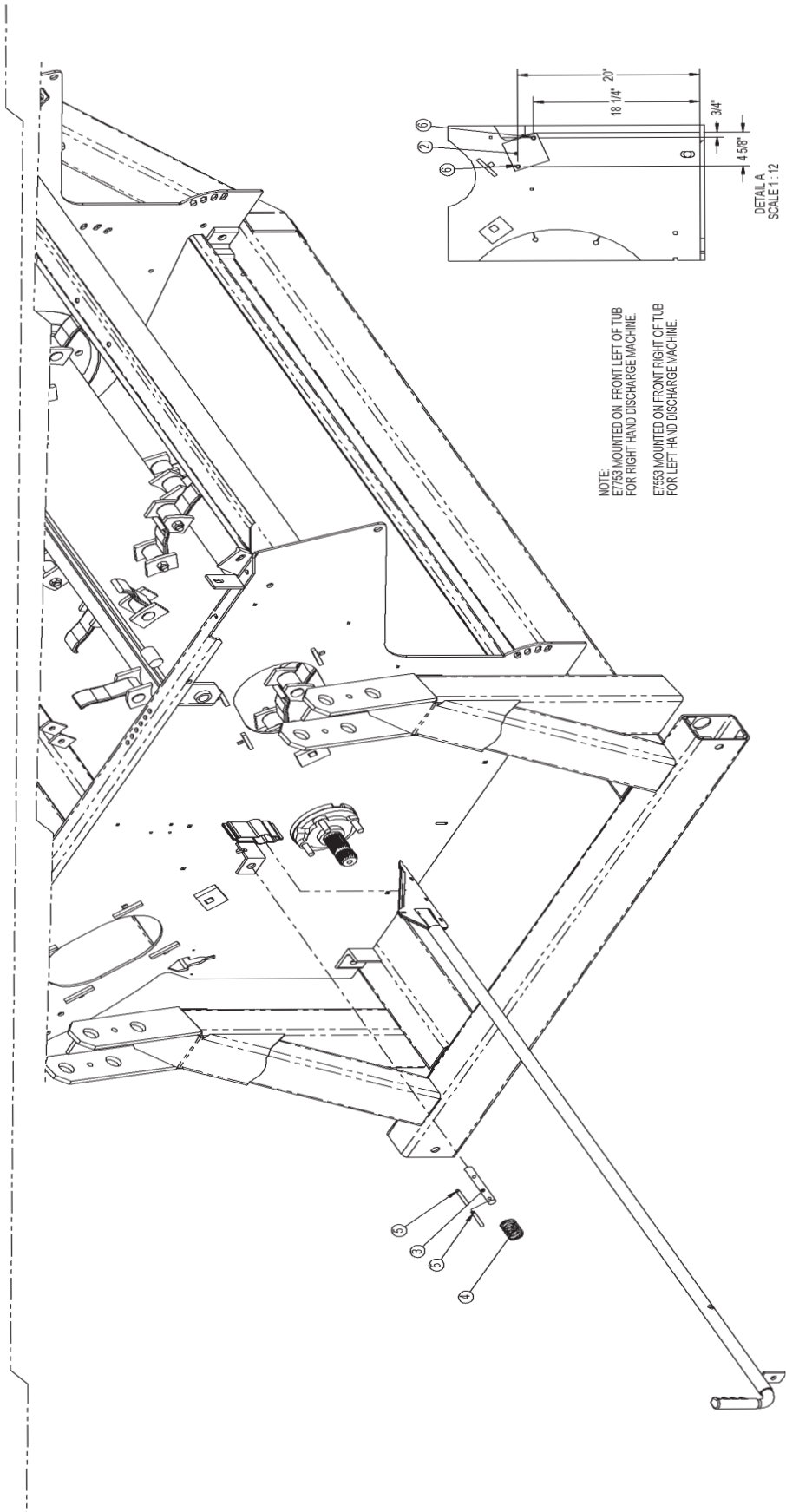
8.0 Top Discharge Door Assembly (Part No. 42221)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42216	WLDT,DOOR,TOP,DISCHARGE	1
2	42218	WLDT,LUG,CYL,DOOR	1
3	42222	WLDT,LOCK,DOOR,LONG	1
4	E8610	PIPE,SCH40,3/4x5/8L	3
5	E8786	LUG,OFFSET,DOOR,TOP	1
6	E8787	ARM,OFFSET,DOOR,TOP	1
7	E8788	PLT,CLAMP,DOOR,RUBBER	1
8	E8789	BELTING,DISCHARGE	1
9	E8792	PIPE,SCH80,1/2X1/2L	1
10	E9053	LOCK,DOOR,LONG,HL	1
11	90104	HYD,CYL,2X8,1.125,8FB,90D	1
11.1	33392	HYD,CYL,SEAL KIT,2X8,1.13,KIN	1
11.2	33394	HYD,CYL,ROD,1-1/8X8,KIN	1
12	31008	BOLT,CARR,1/2X1-1/2,UNC,GR5,ZP	1
13	31016	BOLT,HEX,1/2X1-1/2,UNC,GR5,ZP	3
14	31017	BOLT,HEX,1/2X1-3/4,UNC,GR5,ZP	2
15	31040	BOLT,HEX,3/4X2-1/2,UNC,GR5,ZP	1
16	31041	BOLT,HEX,3/4X3,UNC,GR5,ZP	1
17	31150	BOLT,HEX,1/2X2-1/4,UNC,GR5,ZP	1
18	31163	NUT,HEX,1/2,UNC,GR5,ZP	4
19	31173	NUT,NYLOCK,1/2,UNC,ZP	5
20	31175	NUT,NYLOCK,3/4,UNC,ZP	2
21	31176	NUT,NYLOCK,3/8,UNC,ZP	10
22	31235	WASHER,FLAT,1,ZP	1
23	31236	WASHER,FLAT,1/2,ZP	4
24	31238	WASHER,FLAT,3/4,ZP	2
25	31479	BOLT,HEX,3/8X1-1/4,UNC,GR5,ZP	10
26	33873	PIN,HITCH,.2X3.625,DBL_LOOP,ZP	1



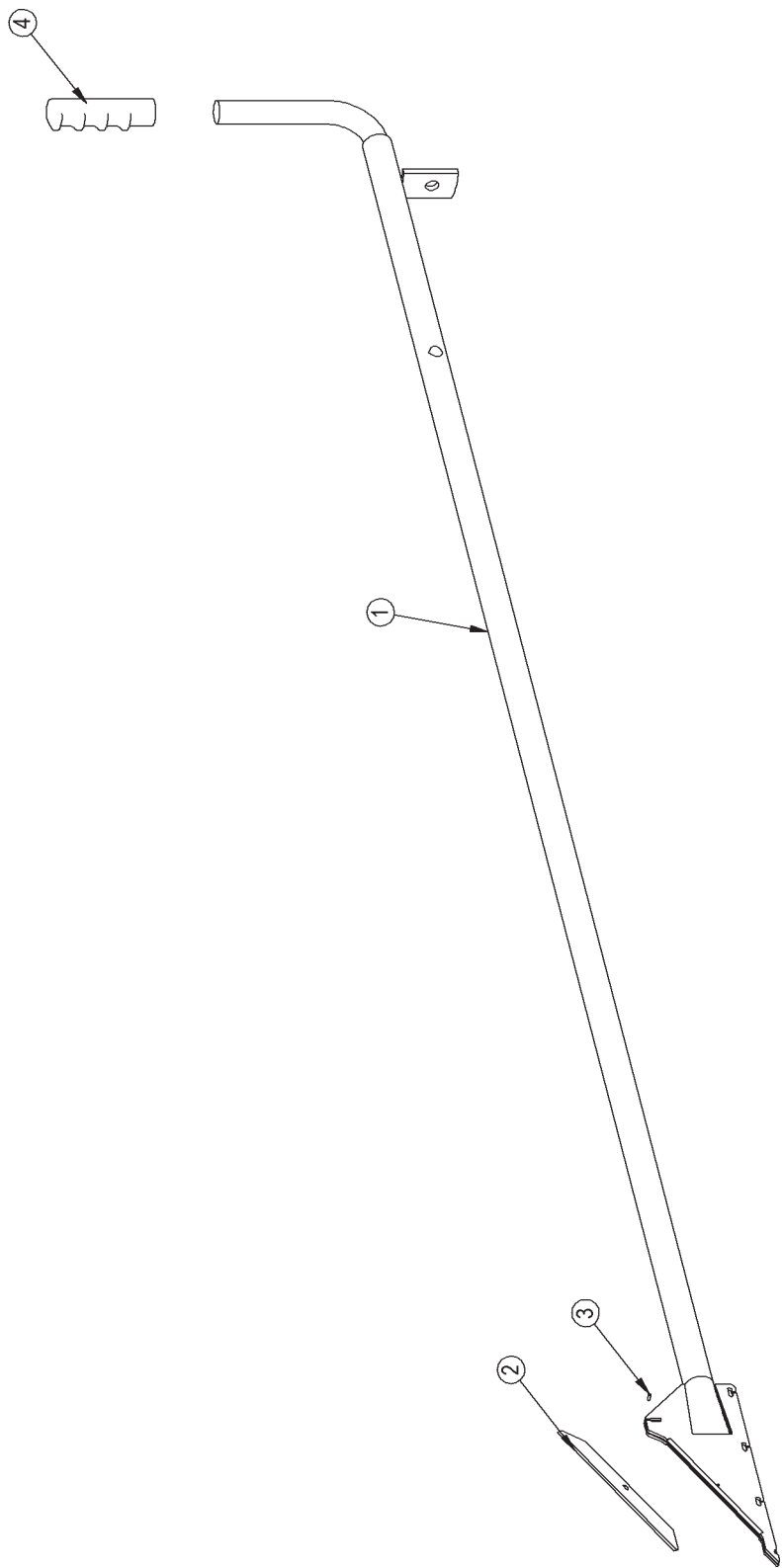
9.0 Twine Cutter Assembly (Part No. 49338)

1	42168	ASSY,TWINE CUTTER HANDLE	1
2	E7753	PLT,S,COVER	1
3	E7833	LOCK,SHAFT	1
4	31959	SPRING,1.5X2.38X0.12	1
5	32794	PIN,SPRING,5/16x3	2
6	30294	SCREW,TEK,1/4X1	2



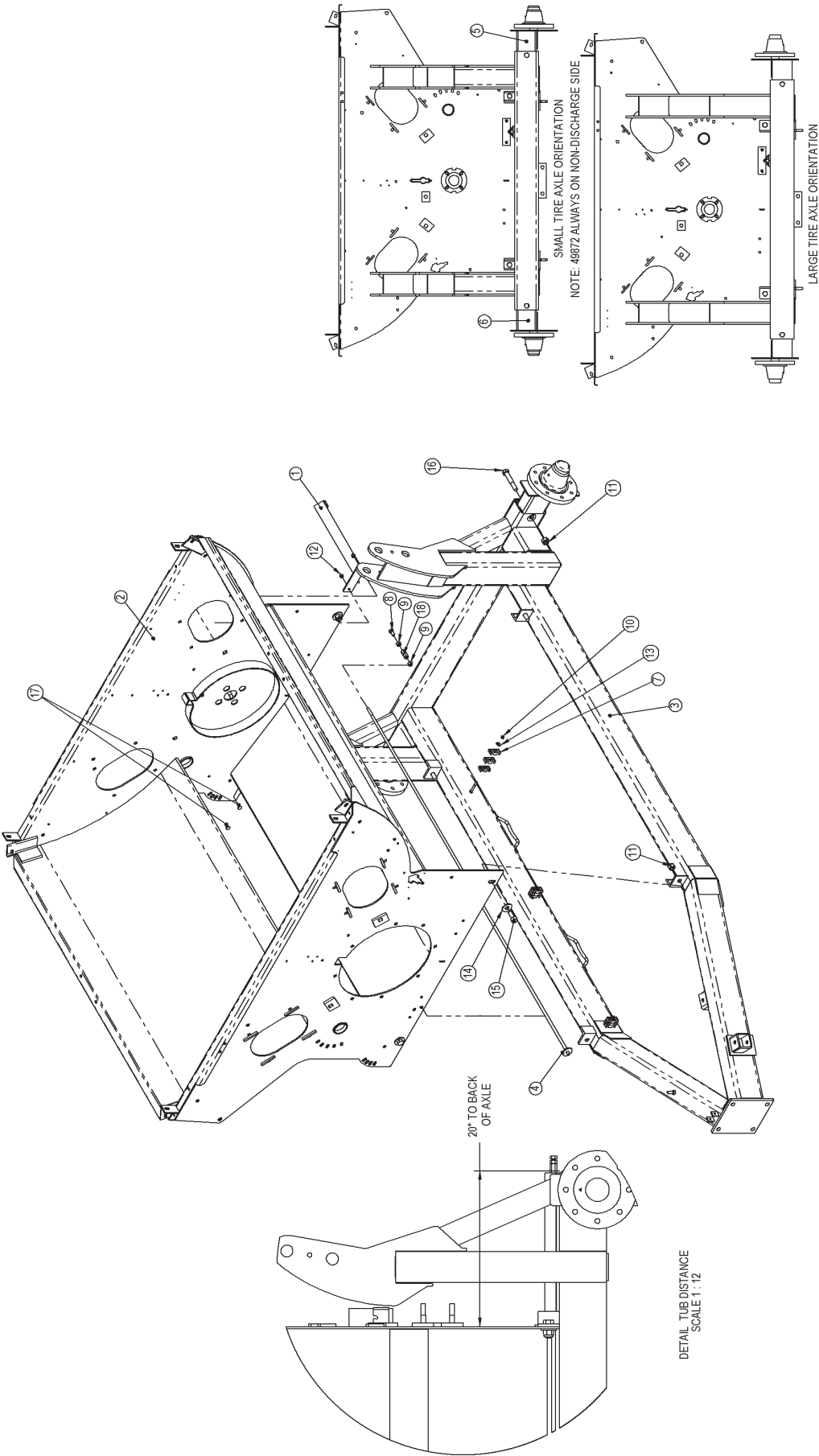
9.1 Twine Cutter Handle Assembly (Part No. 42168)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42167	WLDT,TWINE CUTTER HANDLE	1
2	E5838	BLADE,TWINE CUTTER	1
3	31809	PIN,SPRING,3/32X5/16	1
4	33962	GRIP,HANDLE,1IDX4-1/2	1



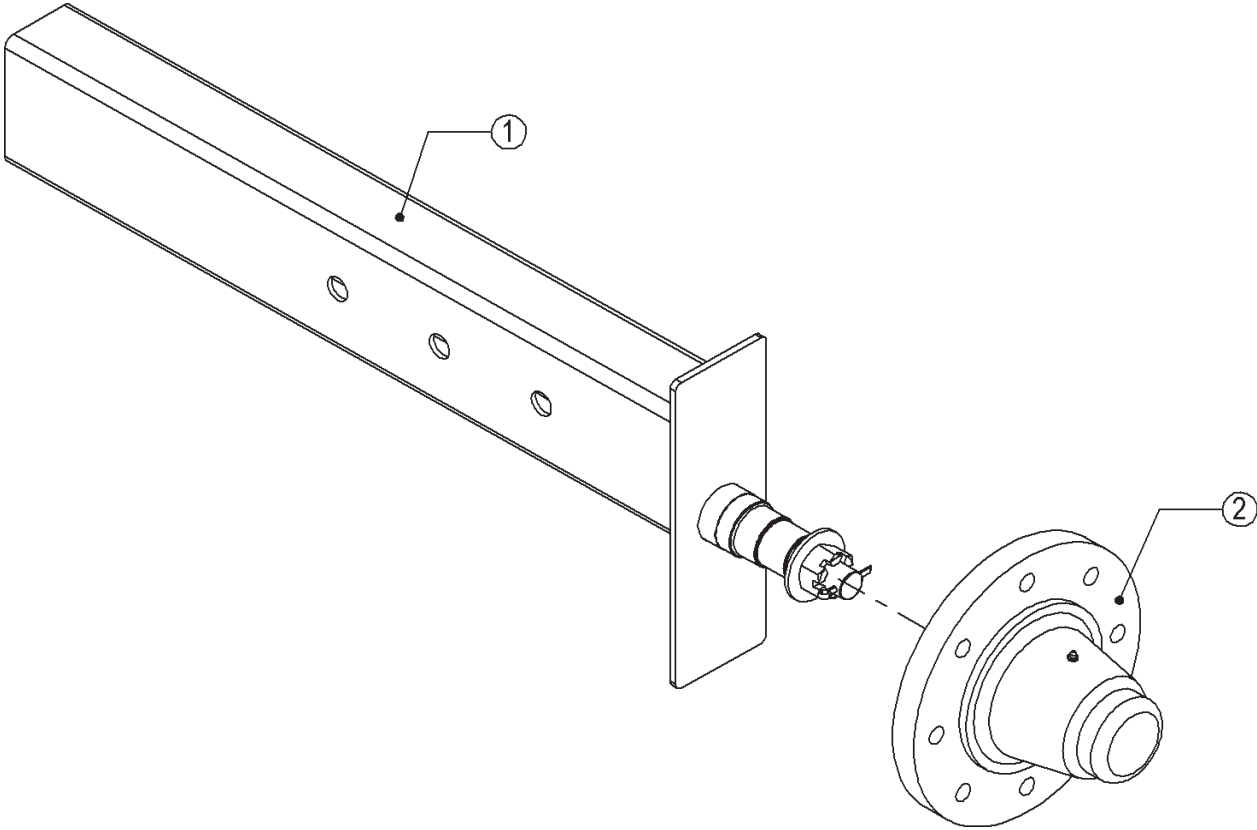
10.0 Tub to Frame and Axle Assembly (Part No. 42210)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42188	WLDT, GUARD, ROD	1
2	42207	WLDT, TUB, BP	1
3	49331	WLDT, FRAME, BP	1
4	49514	WLDT, ROD, PUSH	1
5	49438	ASSY, AXLE, ADJ, BP7010	1
6	49872	ASSY, AXLE, ADJ, EM500, XL	1
7	30210	HYD, CLAMP, HOSE, 1/2	9
8	31069	BOLT, HEX, 1/2X1, UNC, GR5, ZP	1
9	31163	NUT, HEX, 1/2, UNC, GR5, ZP	2
10	31177	NUT, NYLOCK, 5/16, UNC, ZP	3
11	31175	NUT, NYLOCK, 3/4, UNC, ZP	6
12	31176	NUT, NYLOCK, 3/8, UNC, ZP	2
13	31239	WASHER, FLAT, 5/16, ZP	3
14	31238	WASHER, FLAT, 3/4, ZP	4
15	31338	BOLT, HEX, 3/4X1-3/4, UNC, GR5, ZP	4
16	31488	BOLT, HEX, 3/4X4-1/2, UNC, GR5, ZP	2
17	31573	BOLT, CARR, 3/8X1, UNC, GR5, ZP	2
18	31987	NUT, COUPLING, 1/2, UNC, ZP	1



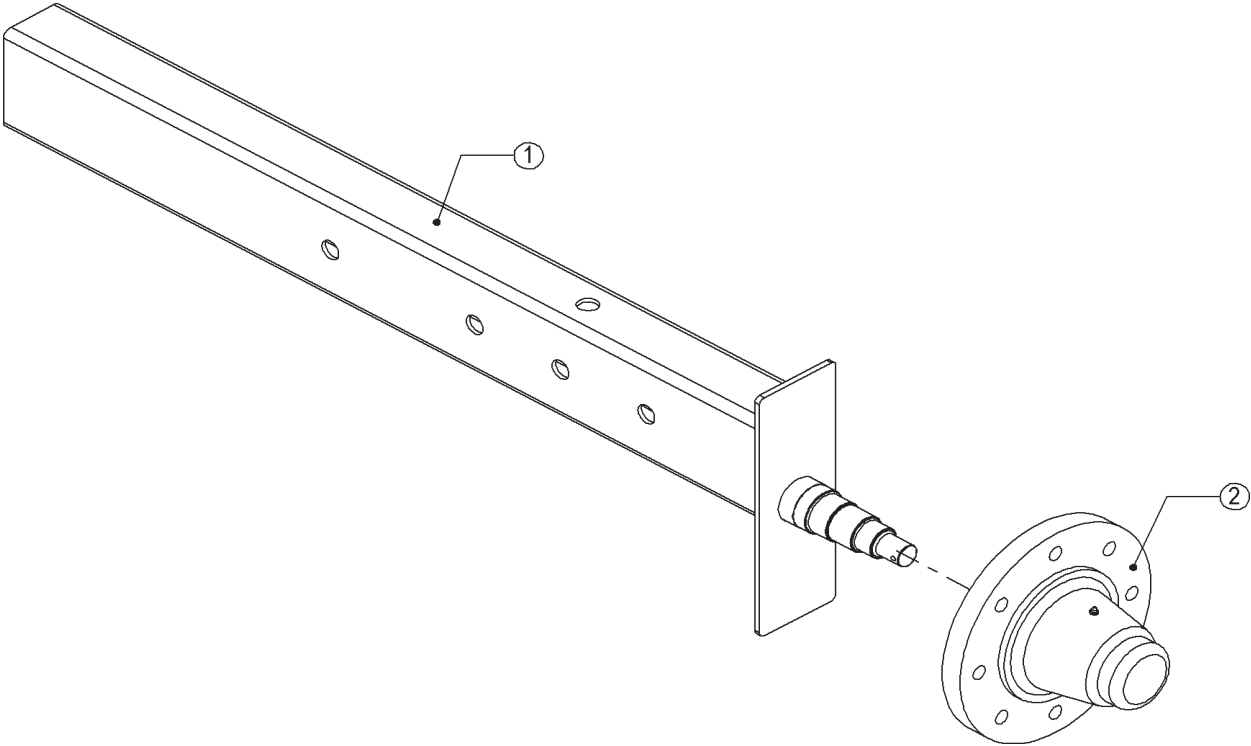
10.1 Axle Assembly (Part No. 49438)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49424	WLDT,AXL,ADJ,BP7010	1
2	30102	SUSP,HUB,COMPLETE,EM5500	1



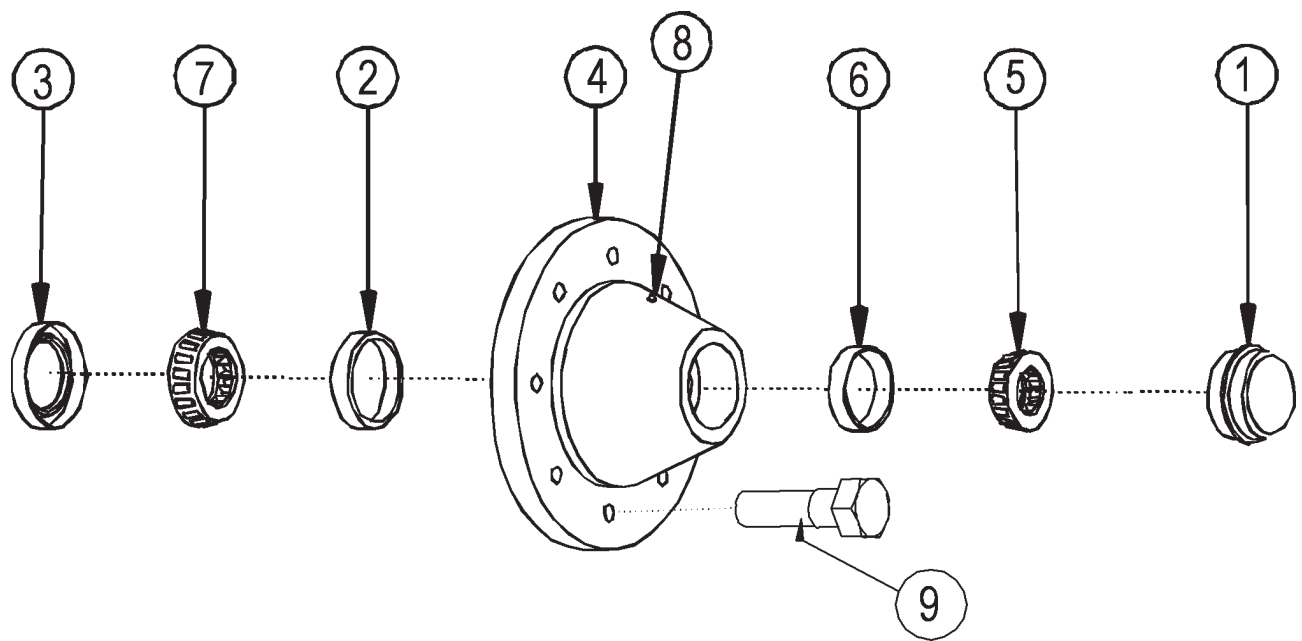
10.2 Axle Assembly (Part No. 49872)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49871	WLDT,AXLE,ADJ,EM5500,XL	1
2	30102	SUSP,HUB,COMPLETE,EM5500	1



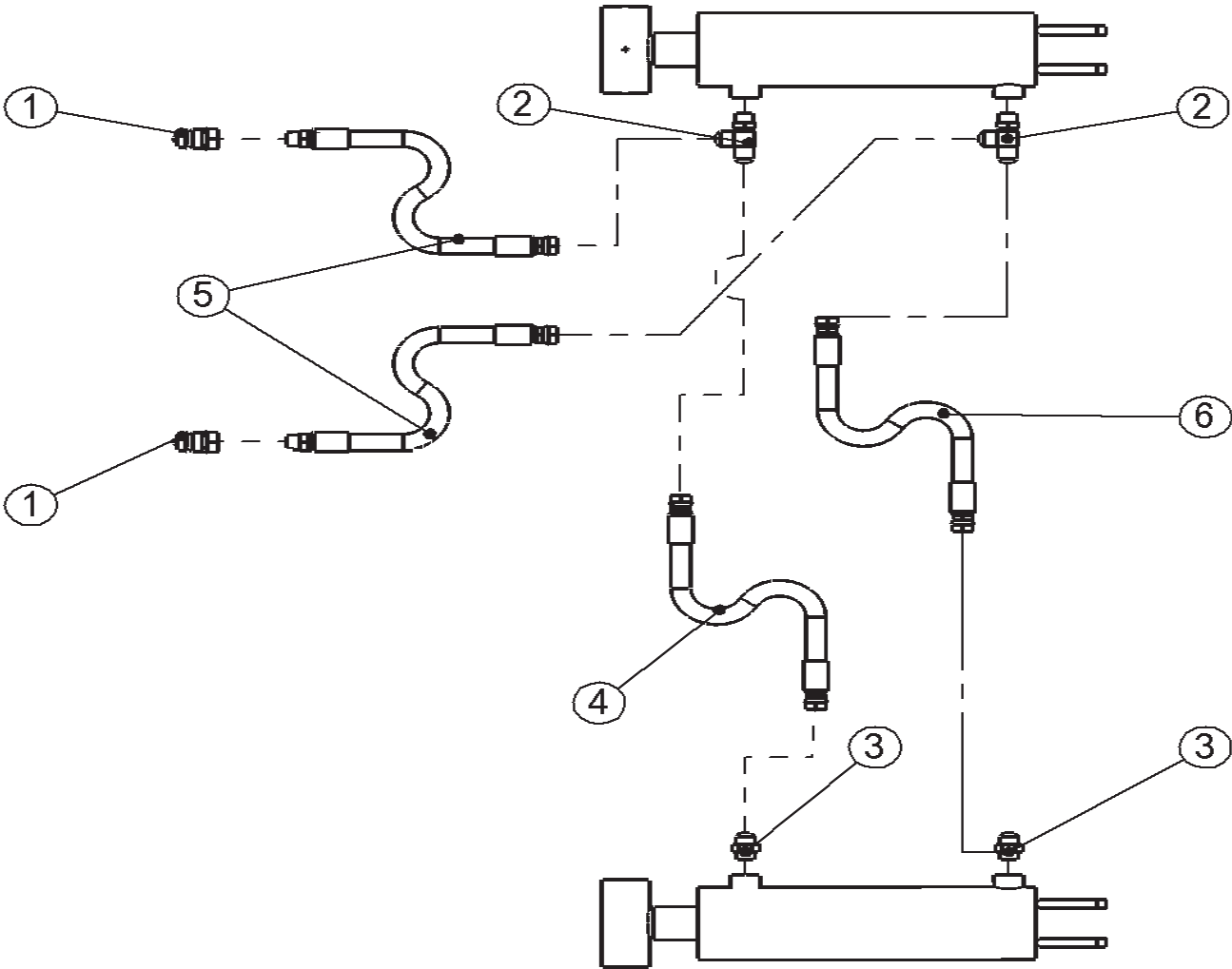
10.3 Hub Assembly (8 Bolt) (Part No. 30102)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30220	SUSP,CAP,DUST	1
2	30226	DRV,BRG,RACE,INNER,1.781	1
3	30228	DRV,BRG,SEAL,1.98	1
4	30229	SUSP,HUB,EM5500,8BOLT	1
5	91111	DRV,BRG,TAPERED,OUTER,1.375	1
6	91131	DRV,BRG,RACE,OUTER,1.375	1
7	91133	DRV,BRG,TAPERED,INNER,1.781	1
8	30207	ZERK,1/4-28,GF641,STRAIGHT	1
9	32301	SUSP,BOLT,WHEEL,9/16x1-1/4Tx1-13/16L	8



11.0 Hydraulic Cylinder Assembly (Part No. 42260)

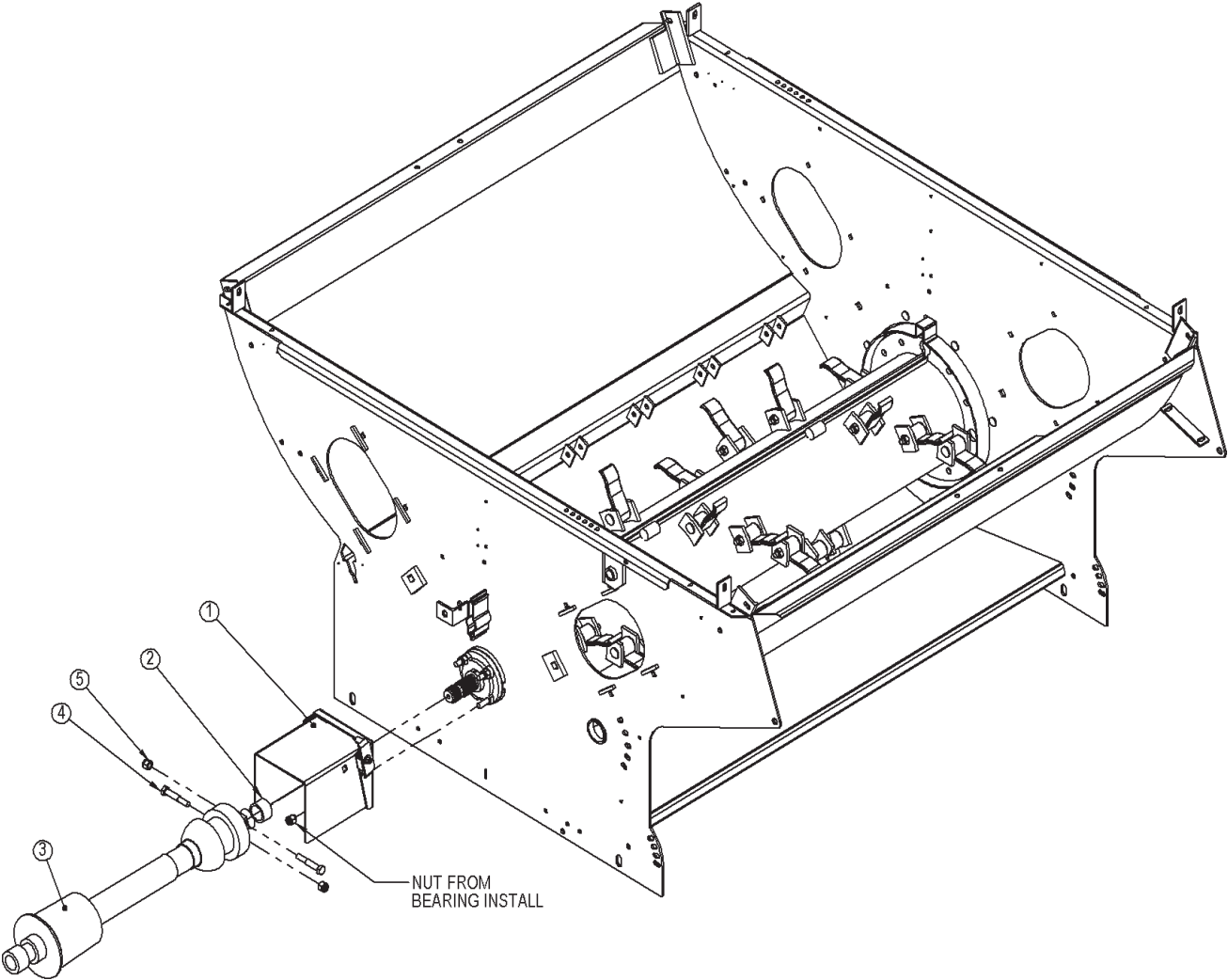
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30209	HYD,FIT,PIONEER,MALE,8FP	2
2	30214	HYD,FIT,TEE,8MB-8MJ-8MJ	2
3	30215	HYD,FIT,ADAPTER,8MB-8MJ	2
4	31956	HYD,HOSE,3/8X56,8FJX-8FJX,2W	1
5	33144	HYD,HOSE,3/8X258,8MP-8FJX,2W	2
6	33171	HYD,HOSE,3/8X48,8FJX-8FJX,2W	1



12.0 Drive Assembly - Catergory 4 Driveline (Part No. 42118)

Note: Some Bale Pro with Feed Choppers have a Category 6 Driveline.
See “Drive Assembly Category 6 Driveline” for Serial Numbers affected.

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42119	ASSY, GUARD, PTO	1
2	E7797	PIPE, SMLS, 2-1/4X.240X1-3/8L	1
3	45230	DRV, DL, 35E, CV, CAT4, ROT	1
4	31056	BOLT, HEX, 5/8X3-1/2, UNC, GR5, ZP	2
5	31178	NUT, NYLOCK, 5/8, UNC, ZP	2

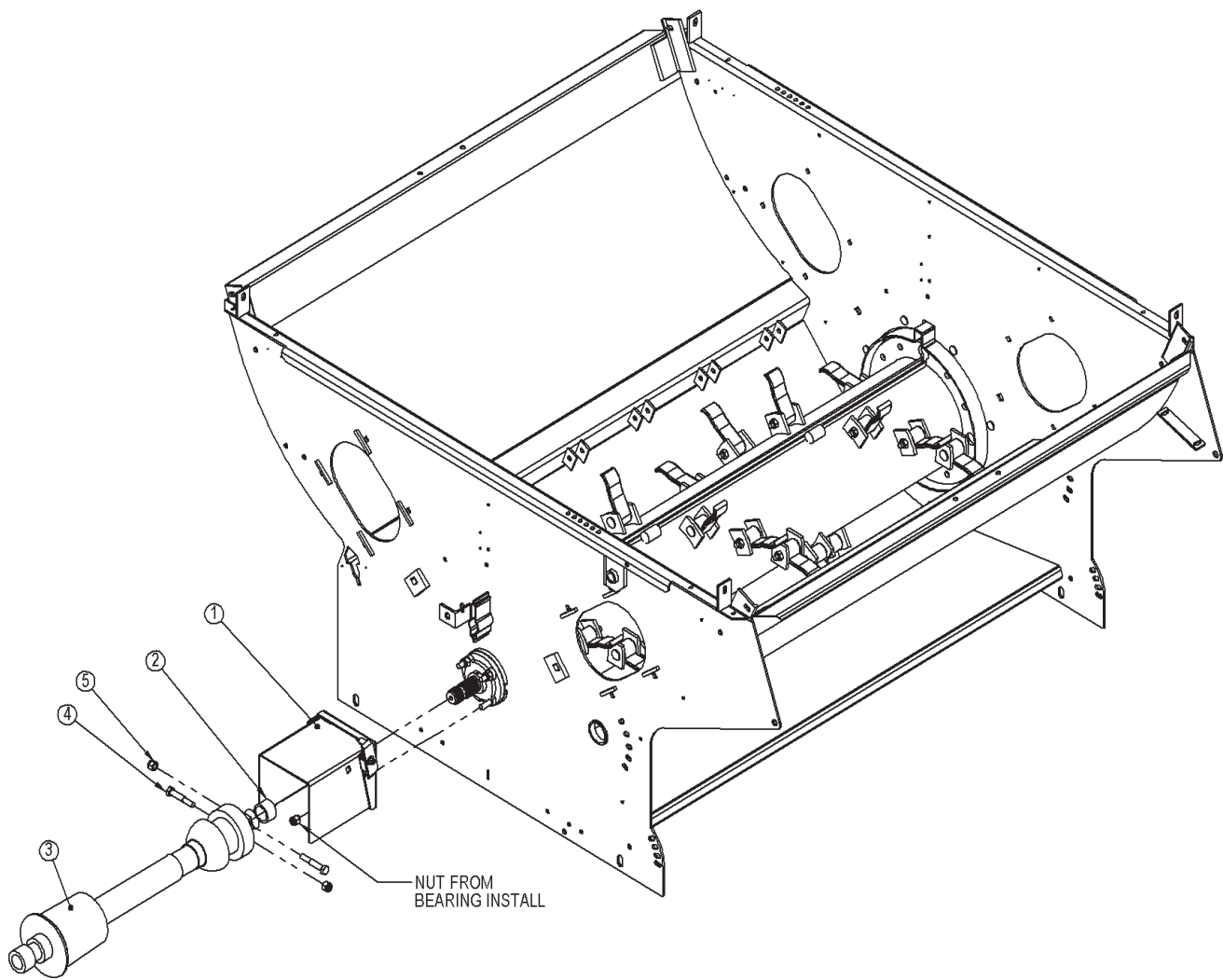


12.1 Drive Assembly - Catergory 6 Driveline

Note: Some Bale Pro with Feed Choppers have a Category 6 Driveline. The affected serial numbers are listed here:

Serial Numbers:	BP8100378	BP81004151
	BP81003991	BP81004171
	BP81004001	BP81004181
	BP81004031	BP81004191
	BP81004041	BP81004221
	BP81004051	BP81004231
	BP81004061	BP81004261
	BP81004071	BP81004321
	BP81004081	BP81004341
	BP81004101	BP81004361
	BP81004121	BP81004371
	BP81004131	BP81004381
		BP81004401

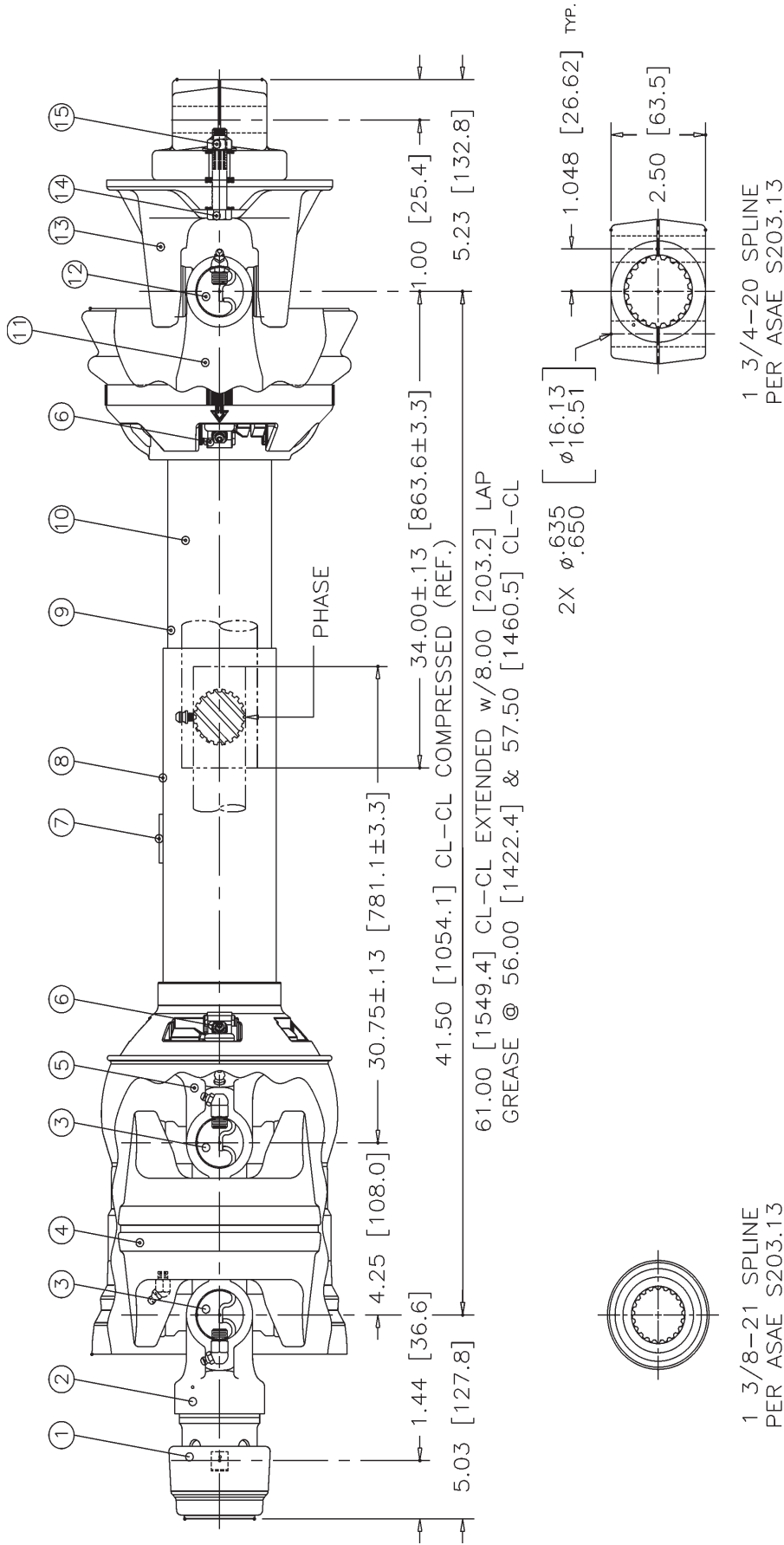
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42119	ASSY, GUARD, PTO	1
2	E7797	PIPE, SMLS, 2-1/4X/240X1-3/8L	1
3	34762	DRV, DL, CV, 55R, CAT6	1
4	31056	BOLT, HEX, 5/8X3-1/2, UNC, GR5, ZP	2
5	31178	NUT, NYLOCK, 5/8/UNC/ZP	2



12.2 Drive Line Assembly Category 4 Driveline (Part No. 45230)

Note: Some Bale Pro with Feed Choppers have a Category 6 Driveline.
See “Drive Assembly Category 6 Driveline” for Serial Numbers affected.

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30352	AUTO LOCK REPAIR KIT	1
2	30353	AUTO LOCK YOKE ASSEMBLY	1
3	30354	CAT4E 80 DEGREE CROSS & BEARING	2
4	33806	CENTER HOUSING	1
5	30357	YOKE AND SHAFT	1
6	33811	NYLON REPAIR KIT	2
7	30359	SAFETY SIGN	1
8	N/A	OUTER GUARD	1
9	N/A	INNER GUARD	1
10	30363	SAFETY SIGN	1
11	30364	YOKE,TUBE, & SLIP SLEEVE	1
12	30365	35E CROSS AND BEARING KIT	1
13	32991	BALL SHEAR ASSEMBLY	1
14	30367	3/8 x 2-16 GR 5 BOLT	1
15	30368	3/8-16 LOCK NUT	1
16	33812	J&S HALF ASM W/GUARD SET	
17	33813	J&T HALF ASM W/GUARD SET	
18	33814	ROTATING GUARD SET	



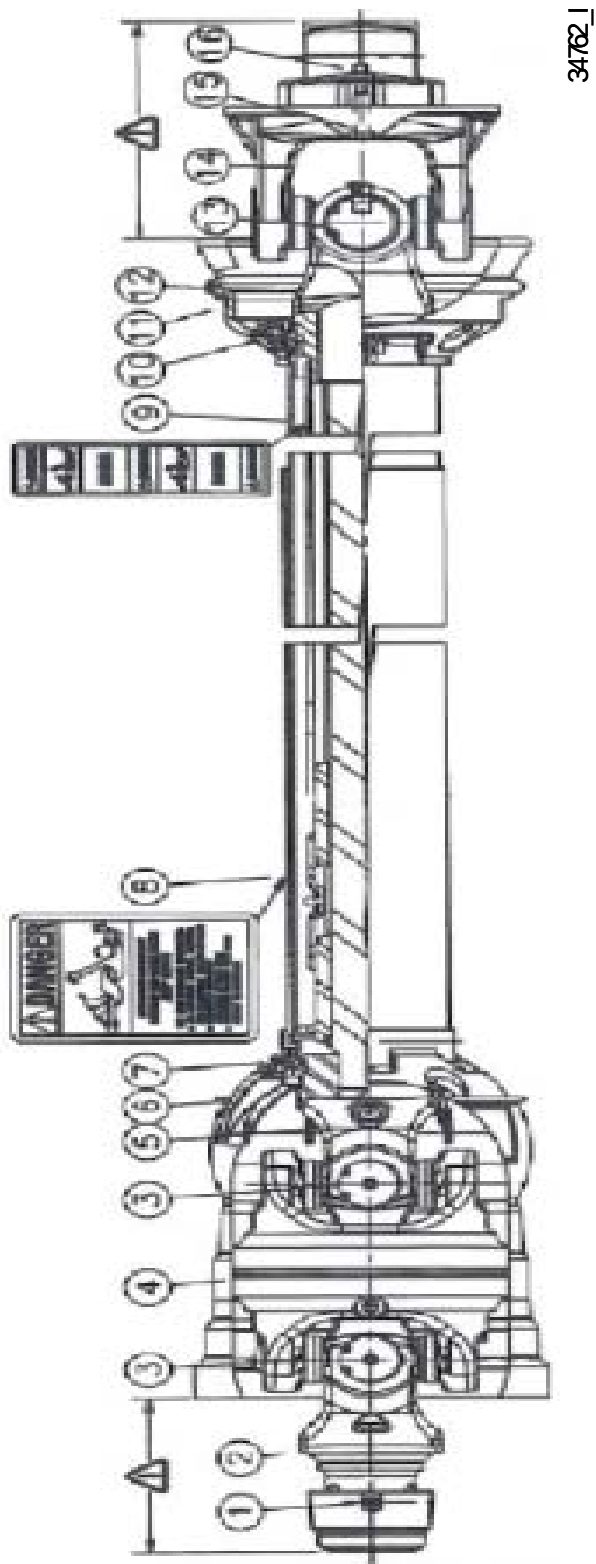
- NOTES:
1. MAX. OPERATING SPEED 1000 RPM
 2. SHEAR VALUE 24,600 ± 3,000 in-lbs @ 2.50 RADIUS [2779.4 ± 339.0 Nm @ 63.5 RADIUS]
 3. ALL LUBES MUST POINT IN DIRECTION SHOWN
 4. PAINT JOINTS MEDIUM GLOSS BLACK
 5. GREASE ASM. (ALL LOCATIONS) WITH GREASE SPEC. #50-11031
 6. IND. HARDEN SHAFT
 7. IND. HARDEN SLEEVE

12.3 Drive Line Assembly Category 6 Driveline

Note: Some Bale Pro with Feed Choppers have a Category 6 Driveline. The affected serial numbers are listed here:

Serial Numbers:	BP8100378	BP81004151
	BP81003991	BP81004171
	BP81004001	BP81004181
	BP81004031	BP81004191
	BP81004041	BP81004221
	BP81004051	BP81004231
	BP81004061	BP81004261
	BP81004071	BP81004321
	BP81004081	BP81004341
	BP81004101	BP81004361
	BP81004121	BP81004371
	BP81004131	BP81004381
		BP81004401

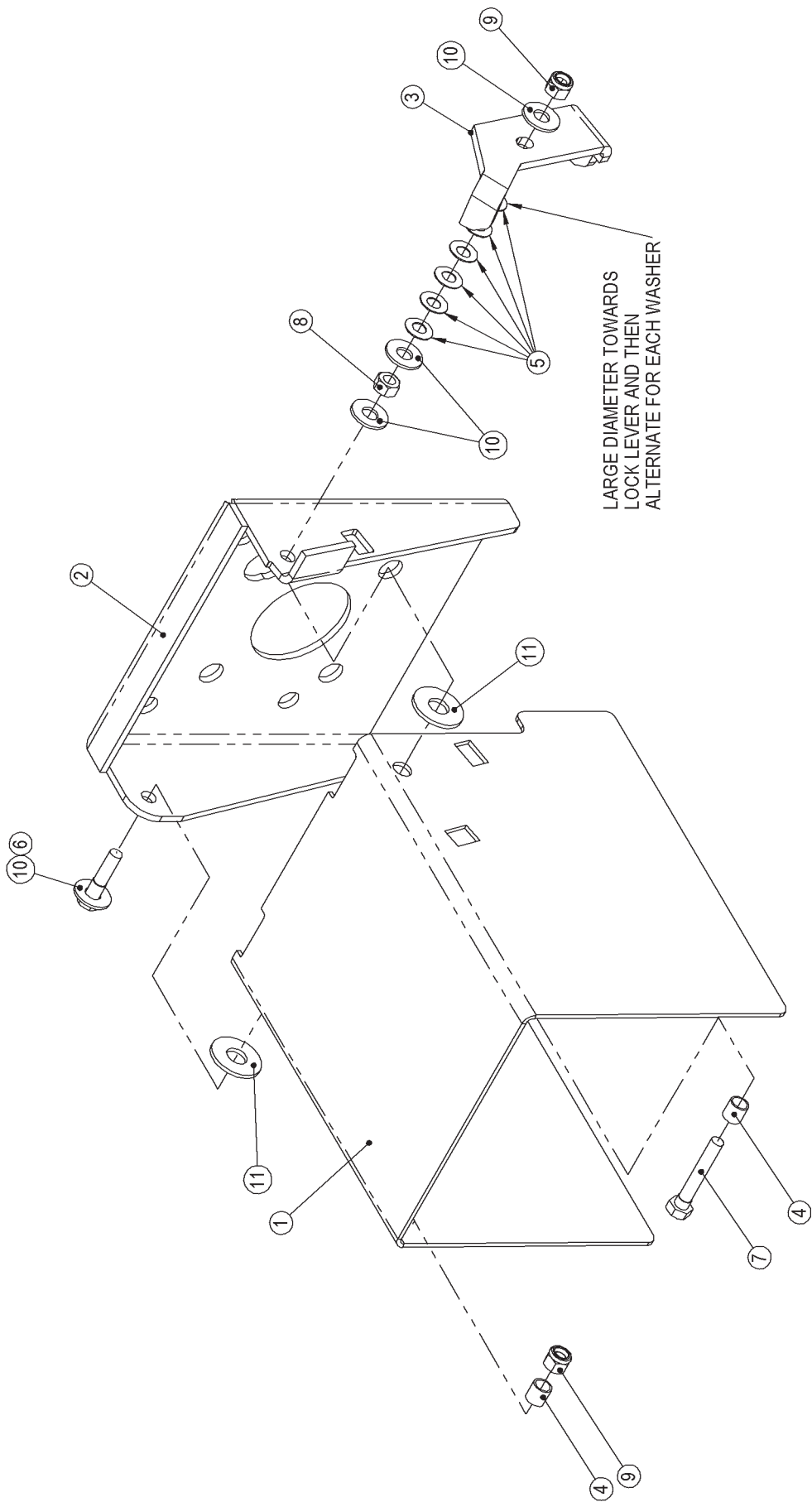
ITEM NO.	PART NO.	DESCRIPTION	QTY
	34762	DRV,DL,CV,55R,CAT6	
	34998	JOINT&SHAFT HALF ASM W/ GUARD	
	34599	SHAFT,OUTPUT,SPLTR,GBOX,AG	
	35051	GUARD SET	
1	30352	DRV,PTO,KIT,REPAIR,AUTO LOK	1
2			1
3	34998	JOINT&SHAFT HALF ASM W/ GUARD	1
4			1
5			1
6			1
7			2
8			1
9			1
10			1
11			1
12			1
13	35052	55R CROSS KIT	1
14			
15			
16			



34762 I

12.4 Drive Line Guard Assembly (Part No. 42119)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	E8810	SHEET,COVER,PTO	1
2	E8811	PLATE,GUARD,REAR	1
3	E8812	LOCK,LEVER	1
4	E8813	PIPE,DOM,1/2X.049X1/2L	2
5	33983	WASHER,SPRING,3/8,162	6
6	31044	BOLT,HEX,3/8X1-1/2,UNC,GR5,ZP	1
7	33984	BOLT,HEX,3/8X2-1/4,UNC,GR5,ZP,FT	1
8	31485	NUT,HEX,3/8,UNC,GR5,ZP	1
9	31176	NUT,NYLOCK,3/8,UNC,ZP	2
10	31351	WASHER,FLAT,3/8,ZP	4
11	31236	WASHER,FLAT,1/2,ZP	2



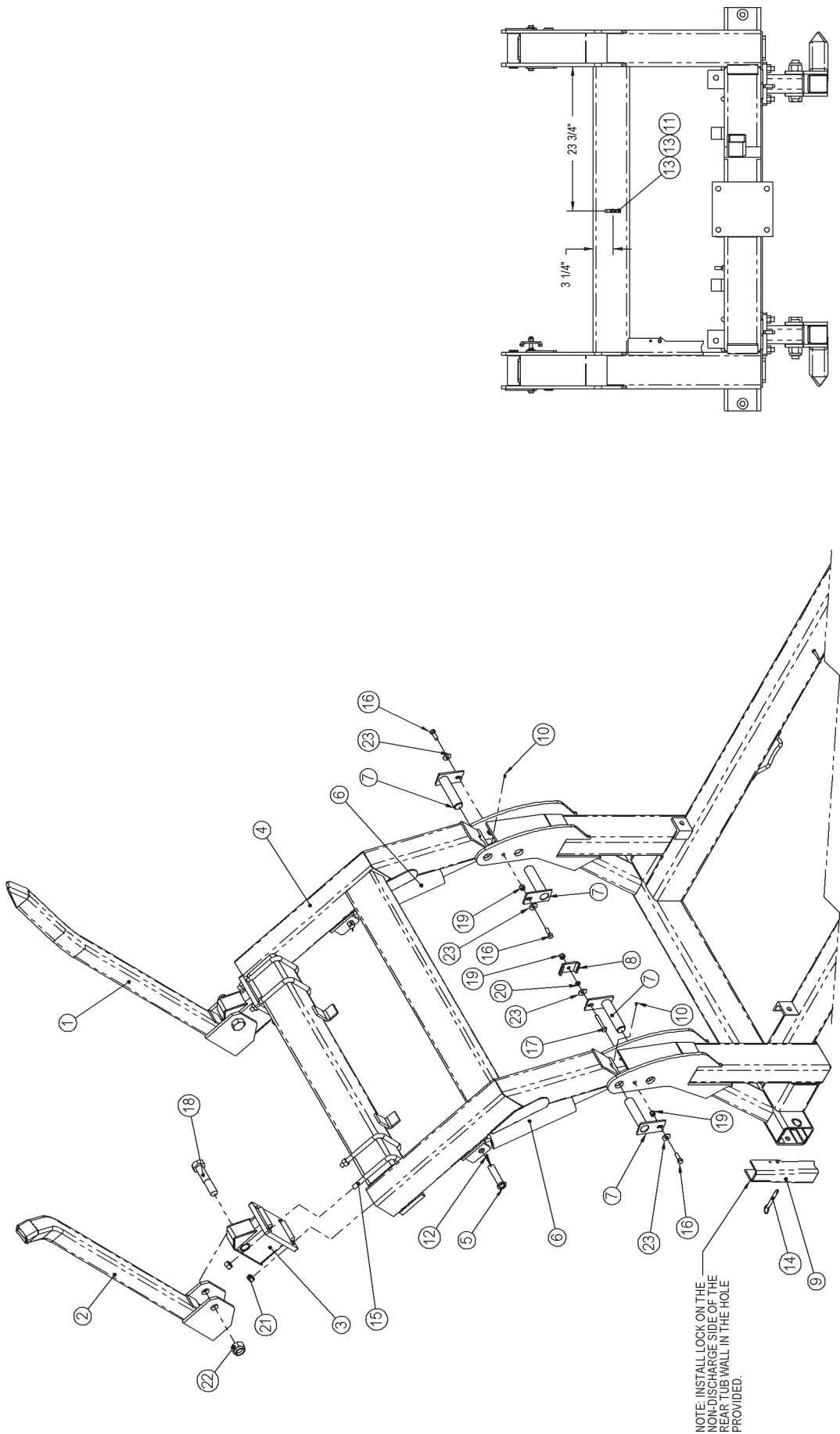
13.0 Bale Pro 8100 Decals (Part No. 42219)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30208	PLT,SERIAL#	1
2	30271	DECAL,DANGER,ROTATING DRIVE	2
3	30285	DECAL,DANGER,TO PREVENT	2
4	30288	RIVET,ST,1/8X.390,.250HEAD	2
5	30577	DECAL,RED REFL,2X9	2
6	30578	DECAL,AMBER REFL,2X9	2
7	32981	DECAL,AMC	1
8	92573	DECAL,WARNING,DISCHARGE	2
9	92028	SIGN,SLOWMOVING,S276.5	1
10	E3834	DECAL,DANGER,DO NOT STAND	1
11	E5857	DECAL,TWINE CUTTER	2
12	E5868	DECAL,LOCK,CYLINDER	1
13	E6105	DECAL,WARNING,CV ANGLE	1
14	E7552	DECAL,WARNING,OWNERS_ MANUAL	2
15	E7553	DECAL,WARNING,STOP_ENGINE/SERVICE	1
16	E7572	DECAL,CAUTION,JACK,5000LBS	1
17	E8497	DECAL,GREASEZERK,100H	2
18	E8590	DECAL,GREASEZERK,50H	2
19	E8591	DECAL,GREASEZERK,10H	4
20	E8592	DECAL,ADJ,FGR	1
21	E8650	DECAL,WARNING,OFF ROAD	1
22	E8793	DECAL,HIGHLINE,5X26-3/4,LOGO	2
23	E8794	DECAL,BP8100,3-1/2X24-7/8	2
24	E8826	DECAL,FC SERIES,3-1/2X33-1/8	2
25	7000B064	DECAL,DRAWBAR	1
26	31174	NUT,NYLOCK,1/4,UNC,ZP	4
27	37998	BOLT,CARR,1/4X3/4,UNC,GR5,ZP	2

This page intentionally left blank.

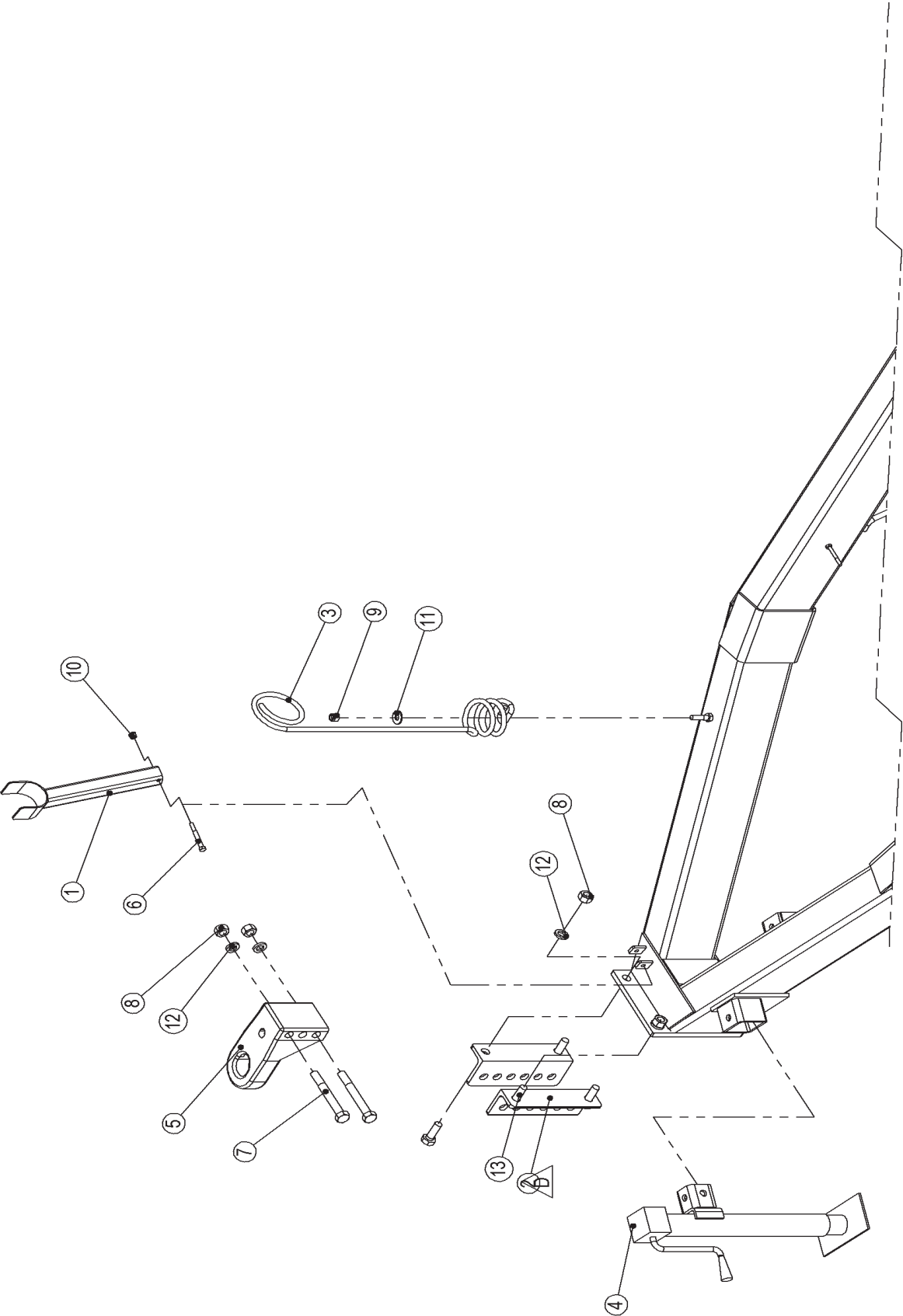
14.0 Bale Lift Assembly (Part No. 42208)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42134	WLDT,FORK, LEFT	1
2	42135	WLDT,FORK, RIGHT	1
3	42136	WLDT,MOUNT,FORK	2
4	42205	WLDT,FRAME,LIFT	1
5	45185	PIN, CYL, TOP	2
6	49519	HYD,CYL,3.5X10,CLVXTUBE,8FBIL	2
6.1	33925	HYD,CYL,SEALKIT,3.5X10,HS	1
6.2	33926	HYD,CYL,ROD,1-3/4X10,HS	1
7	49522	WLDT,PIN,ANTIROTATE,1-1/2DIA,6	4
8	E7768	CLAMP,HOSE,HYD,90d	1
9	E8544	LOCK,CYL,1-3/4X10	1
10	30207	ZERK,1/4-28,GF641,STRAIGHT	2
11	30294	SCREW,TEK,1/4X1	1
12	31183	PIN,COTTER,3/16X2	2
13	31650	ELEC,CLAMP,CABLE,3/4	2
14	31813	PIN,QUICK RELEASE,1/2X3,ZP	1
15	31297	BOLT,U,SQ,3/4-10,6x8,2-1/2	4
16	31016	BOLT,HEX,1/2X1-1/2,UNC,GR5,ZP	3
17	33921	BOLT,HEX,1/2X3,UNC,GR5,ZP,FT	1
18	31034	BOLT,HEX,1-1/4X6,UNC,GR5,ZP	2
19	31173	NUT,NYLOCK,1/2,UNC,ZP	4
20	30611	NUT,NYLOCK,JAM,1/2,UNC,ZP	1
21	33234	NUT,STOVER,3/4,UNC,GR5,ZP	8
22	31171	NUT,NYLOCK,1-1/4,UNC,ZP	2
23	31236	WASHER,FLAT,1/2,ZP	4



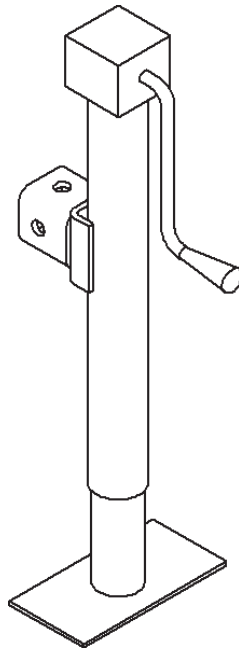
15.0 Hitch & Jack Assembly (Part No. 49597)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49586	WLDT,HOLDER,CV	1
2	E7798	ANGLE,BRIDLE,HITCH,FLUSH	2
3	30206	HYD,HOLDER,HOSE,1/2	1
4	31800	JACK,5000LBX15,SQ MNT,SIDEWIND	1
5	31861	HITCH,BASE,3 IN 1	1
6	30374	BOLT,HEX,3/8X3,UNC,GR5,ZP	1
7	31042	BOLT,HEX,3/4X6,UNC,GR5,ZP	2
8	31167	NUT,HEX,3/4,UNC,GR5,ZP	6
9	31173	NUT,NYLOCK,1/2,UNC,ZP	1
10	31176	NUT,NYLOCK,3/8,UNC,ZP	1
11	31236	WASHER,FLAT,1/2,ZP	1
12	31246	WASHER,LOCK,3/4,ZP	6
13	31339	BOLT,HEX,3/4X2,UNC,GR5,ZP	4



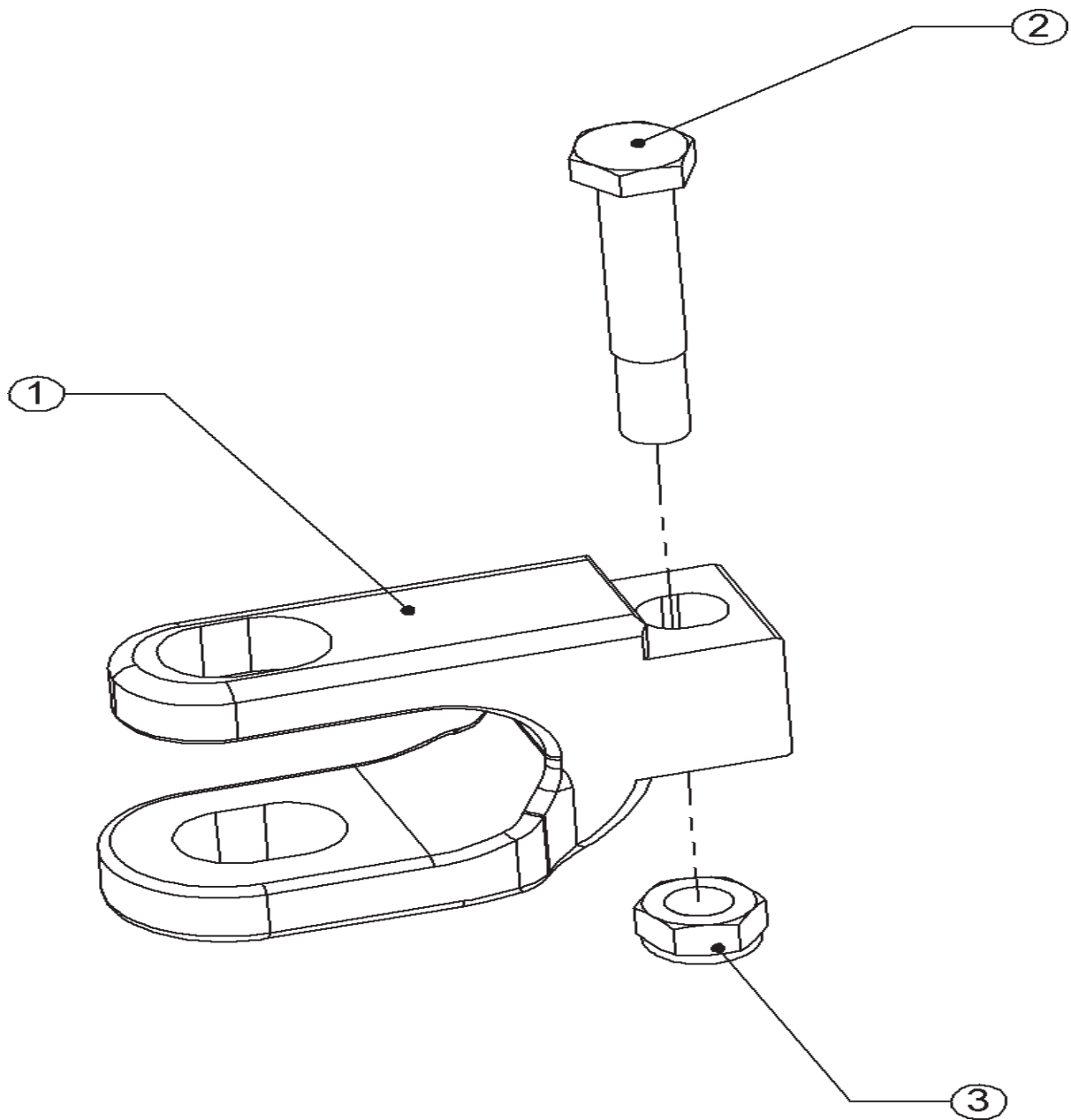
15.1 Jack Assembly (Part No. 31800)

1	31800	JACK,5000LBX15,SQ MNT,SIDEWIND	1
2	33438	KIT,PIN & CHAIN-5/8"X4.25"	1
3	33439	KIT,5K BEARING REPLACEMENT	1
4	33440	KIT,STD BEVEL GEAR REPLAC.	1
5	33441	KIT,SW CRN CRANK REPLAC.	1
6	33442	COVER,GEARBOX	1



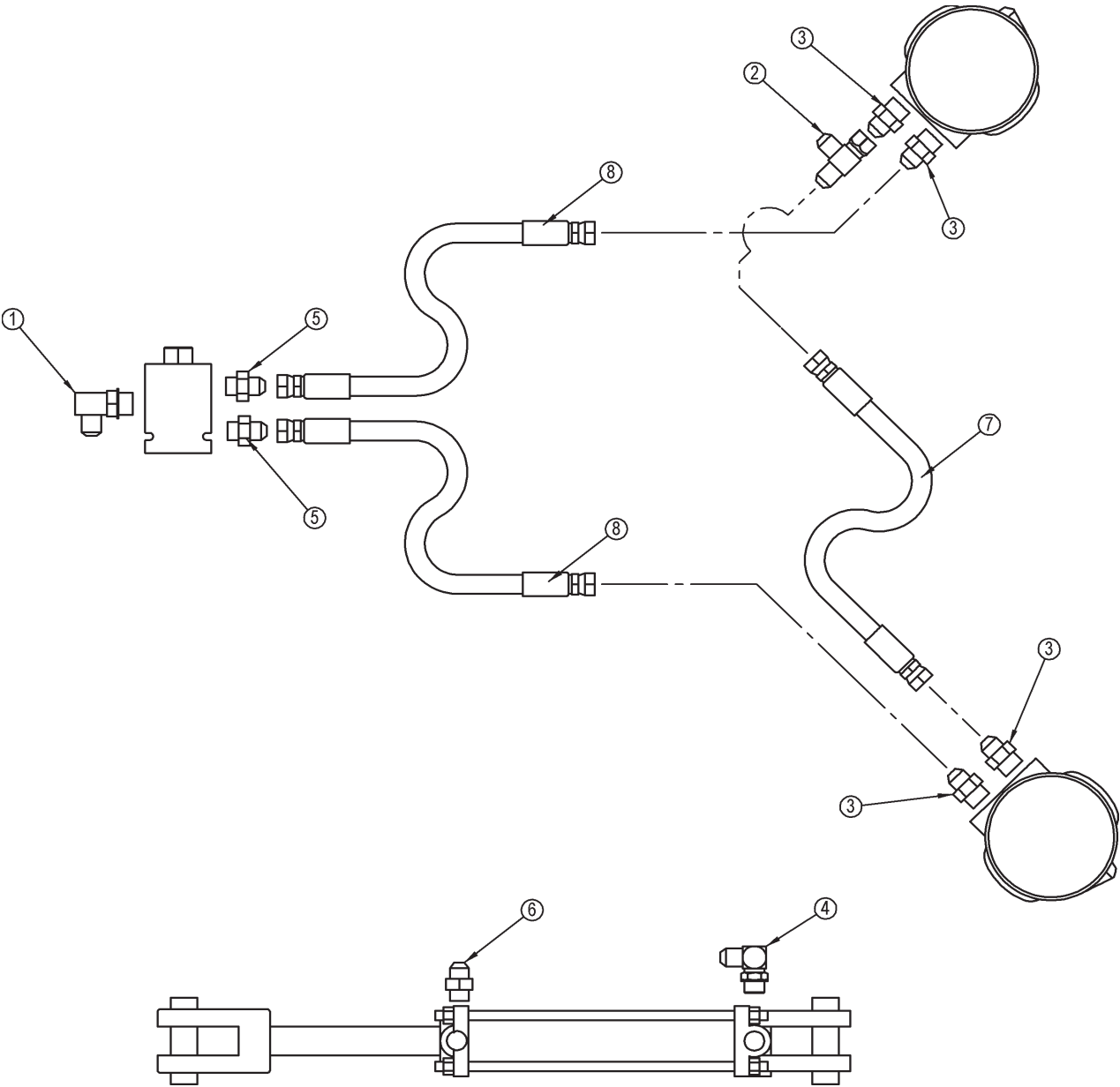
16.0 Hitch Clevis Assembly (Part No. 49588)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	31862	CLEVIS,HITCH,3 IN 1	1
2	31489	BOLT,HEX,3/4X5-1/2,UNC,GR5,ZP	1
3	31175	NUT,NYLOCK,3/4,UNC,ZP	1



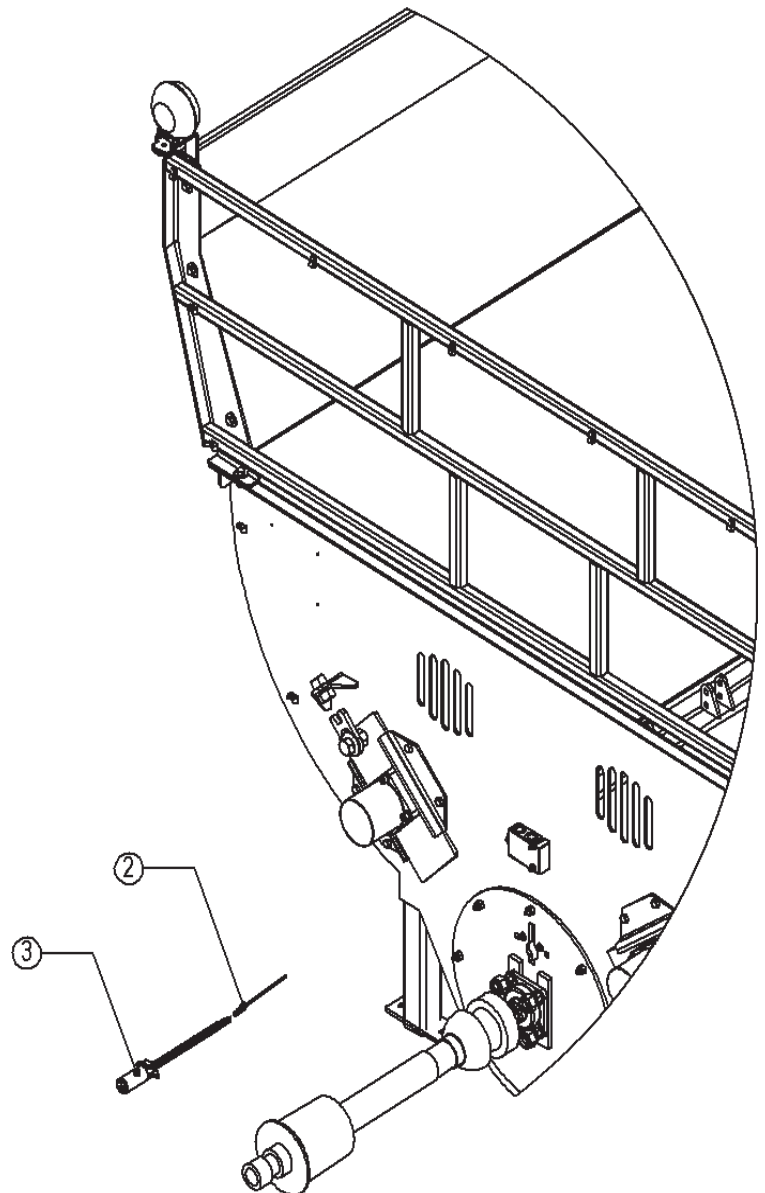
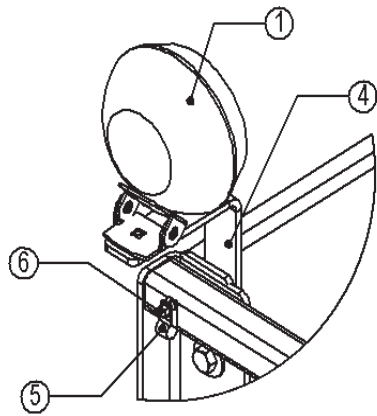
17.0 Hydraulic Door, Front Assembly (Part No. 42223)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30145	HYD, FIT, ELBOW, 10MB-8MJ90	1
2	30150	HYD,FIT,TEE,8FJX-8MJ-8MJ	1
3	30204	HYD,FIT,ADAPTER,10MB-8MJ	4
4	30211	HYD,FIT,ELBOW,8MB-8MJ90	1
5	30215	HYD,FIT,ADAPTER,8MB-8MJ	2
6	33224	HYD,FIT,ADAPTER,8MB-8MJ,031ORIFICE	1
7	31955	HYD,HOSE,3/8X40,8FJX-8FJX,2W	1
8	31962	HYD,HOSE,3/8X36,8FJX-8FJX,2W	2



18.0 Field Light Option (Part No. BPORFL (89003))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49204	ELEC,LIGHT,12V,REWORKED	2
2	49205	ELEC,HARNESS,LIGHT,OPTIONAL	1
3	49420	ELEC,HARNESS,TRACTOR_RFLIGHT	1
4	E5673	BRACKET,MOUNT,LIGHT	2
5	31649	ELEC,CLAMP,CABLE,1/2	11
6	30294	SCREW,TEK,1/4X1	11
7	31741	BOX,CARDBOARD,21X4X4	1



19.0 Clearance Light Option (Part No. BPOCL (89075))

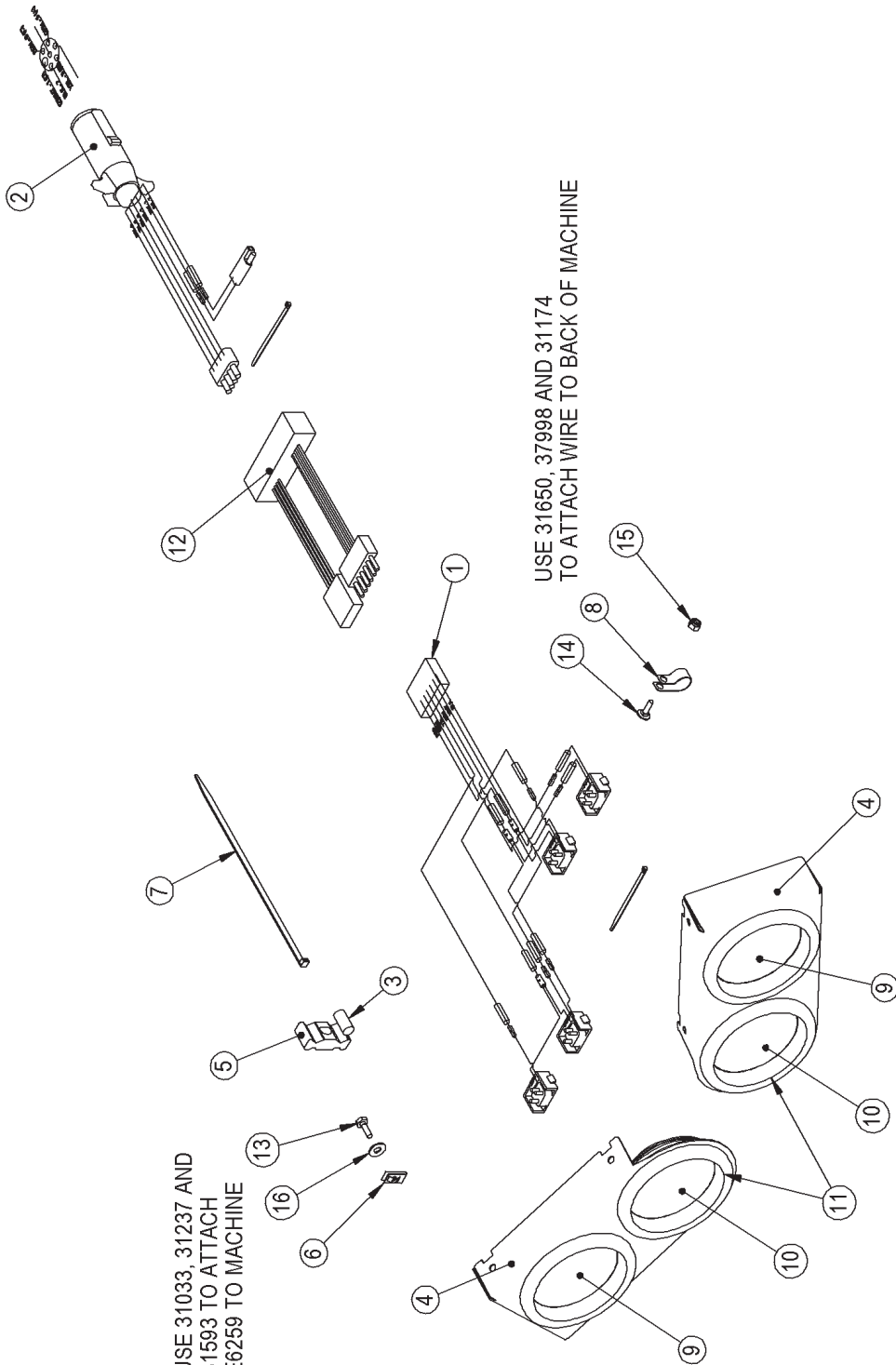
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49888	ASSY,HARN,ELEC,REAR,VMR,HL	1
2	49889	ASSY,HARNESS,ELEC,FRT,VMR,HL	1
3	E3669	SHAFT,1/2x1	3
4	E6259	MOUNT,LAMP,GROMMET,2X4-1/2	2
5	30210	HYD,CLAMP,HOSE,1/2	3
6	31593	CLIP,AUTOMOTIVE,1/4,GR5,ZP	4
7	31613	TIE,CABLE,NYLON,BLACK,11 1/2"	4
8	31650	ELEC,CLAMP,CABLE,3/4	9
9	31951	ELEC_LIGHT,AMBER,4DIA,S/T/T	2
10	31952	ELEC_LIGHT,RED,4DIA,S/T/T	2
11	31953	GROMMET,LIGHT,4X4-1/2	4
12	33929	ELEC,MODULE,AG,HL PUR	1
13	31033	BOLT,HEX,1/4X3/4,UNC,GR5,ZP	4
14	37998	BOLT,CARR,1/4X3/4,UNC,GR5,ZP	9
15	31174	NUT,NYLOCK,1/4,UNC,ZP	9
16	31237	WASHER,FLAT,1/4,ZP	4

USE 31613 TO ATTACH 33928
TO HYDRAULIC HOSES

USE E3669 AS SPACER WITH 30210
TO ATTACH HARNESS TO FRAME

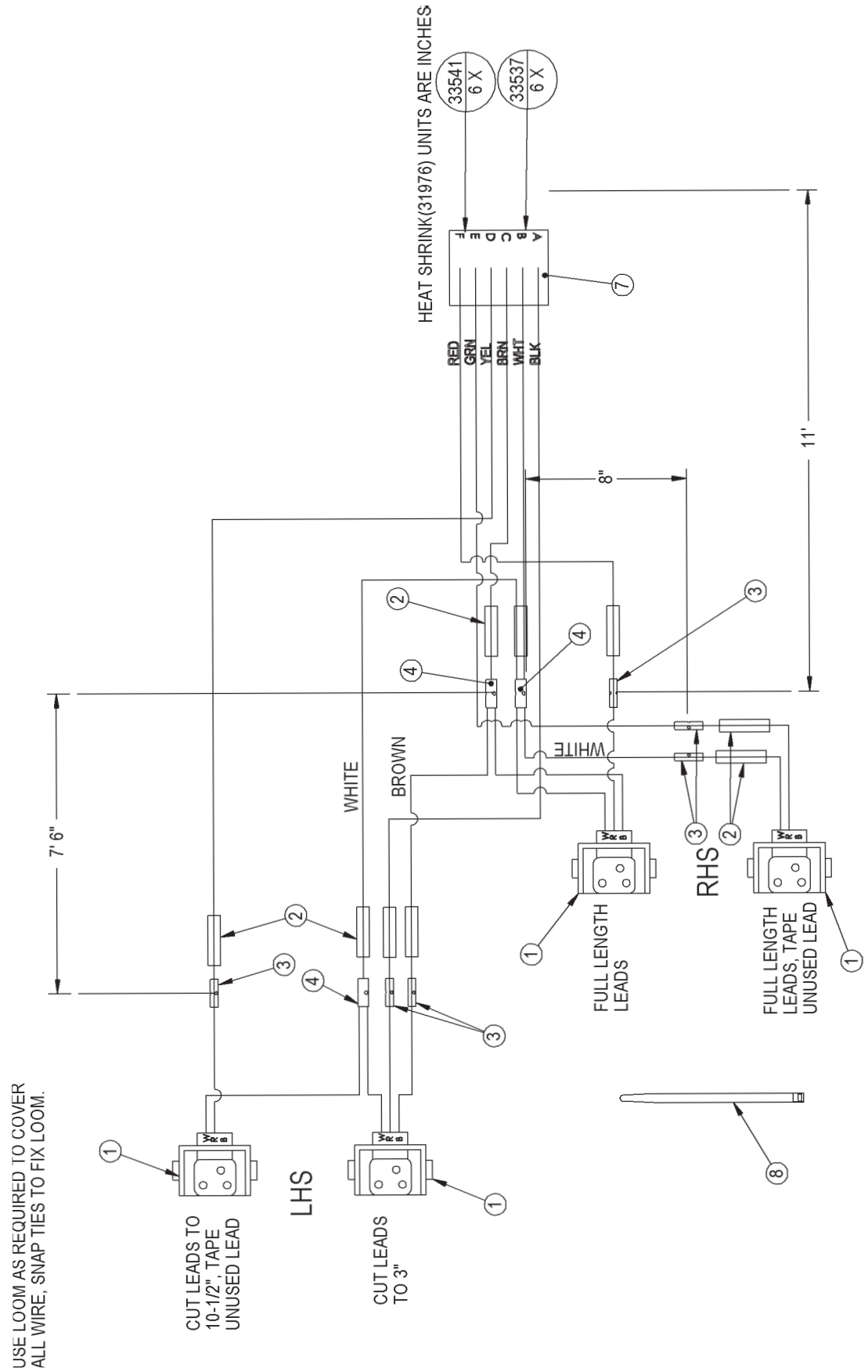
USE 31033, 31237 AND
31593 TO ATTACH
E6259 TO MACHINE

USE 31650, 37998 AND 31174
TO ATTACH WIRE TO BACK OF MACHINE



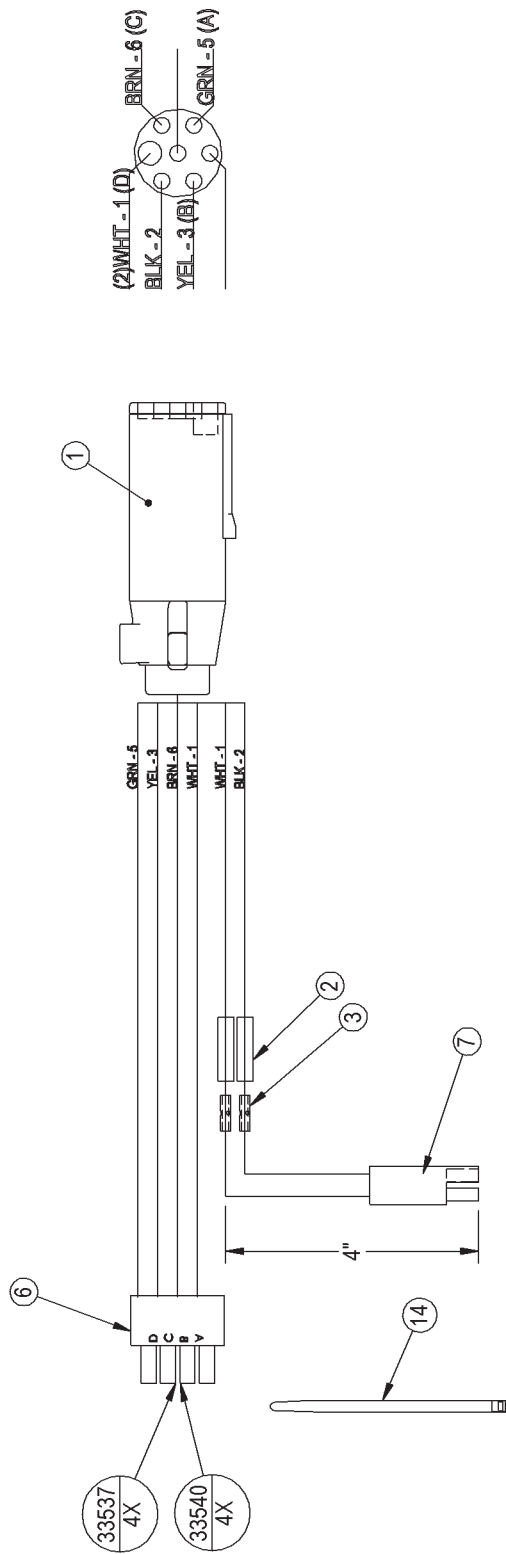
20.0 Harness Schematic for Clearance Light Option (Part No. 49888)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	31853	ELEC,PLUG,STOP/TURN,RIGHT ANGL	4
2	31976	ELEC,HEAT_SHRINK,DUAL_WALL,TUBE,1/4X48	9
3	31977	ELEC,CONN,BUTT,16-14GA,NON_INSULATED	6
4	31978	ELEC,CONN,BUTT,12-10GA,NON_INSULATED	3
5	33537	ELEC_SEAL,WP,CABLE	6
6	33541	ELEC_PIN,WP,M,14/16	6
7	33933	ELEC,CONN,6,W/P,SHROUD,K01	1
8	92170	TIE,CABLE,4",BLACK	8
9	37981(19.2)	ELEC,WIRE,14GA,STRAND,WHITE	1
10	92149(18.5)	ELEC,WIRE,16GA,STRAND,BLACK	1
11	92151(11)	ELEC,WIRE,16GA,STRAND,RED	1
12	92153(11.7)	ELEC,WIRE,16GA,STRAND,GREEN	1
13	92155(18.5)	ELEC,WIRE,16GA,STRAND,BROWN	1
14	92154(18.5)	ELEC,WIRE,16GA,STRAND,YELLOW	1
15	92143(18.5)	ELEC,LOOM,1/2,SPLIT,CORRIGATED	1



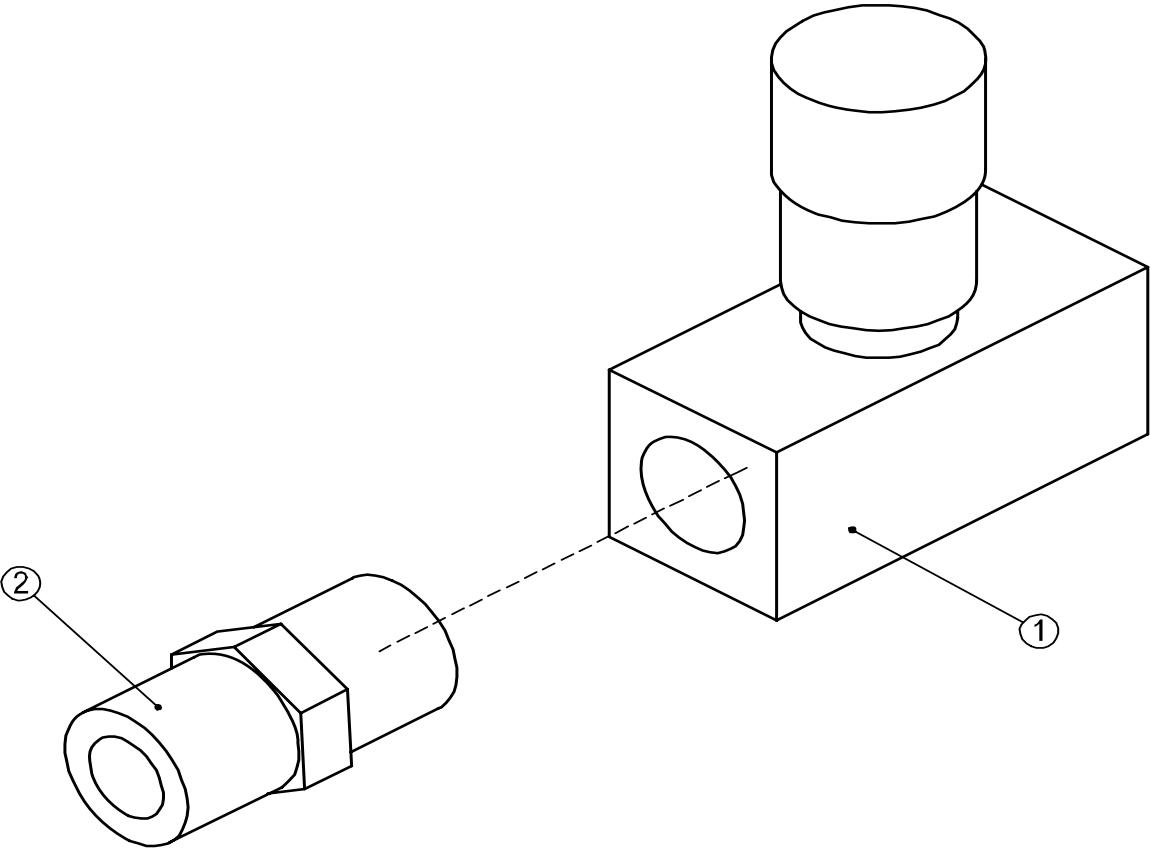
20.1 Harness Schematic for Clearance Light Option (Part No. 49889)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30556	ELEC,CONN,7 WIRE,FEMALE	1
2	31976	ELEC,HEAT_SHRINK,DUAL_WALL,TUBE,1/4X48	2
3	31977	ELEC,CONN,BUTT,16-14GA,NON_INSULATED	2
4	33537	ELEC_SEAL,WP,CABLE	1
5	33540	ELEC_SLEEVE,WP,F,14/16	1
6	33934	ELEC,CONN,4,W/P,TOWER,K01	1
7	37686	ELEC,PLUG,2_POLE,10GA	1
8	37981(17.5)	ELEC,WIRE,14GA,STRAND,WHITE	1
9	92149(8.5)	ELEC,WIRE,16GA,STRAND,BLACK	1
10	92153(9)	ELEC,WIRE,16GA,STRAND,GREEN	1
11	92154(9)	ELEC,WIRE,16GA,STRAND,YELLOW	1
12	92155(9)	ELEC,WIRE,16GA,STRAND,BROWN	1
13	92143(9)	ELEC,LOOM,1/2,SPLIT,CORRIGATED	1
14	92170	TIE,CABLE,4",BLACK	4



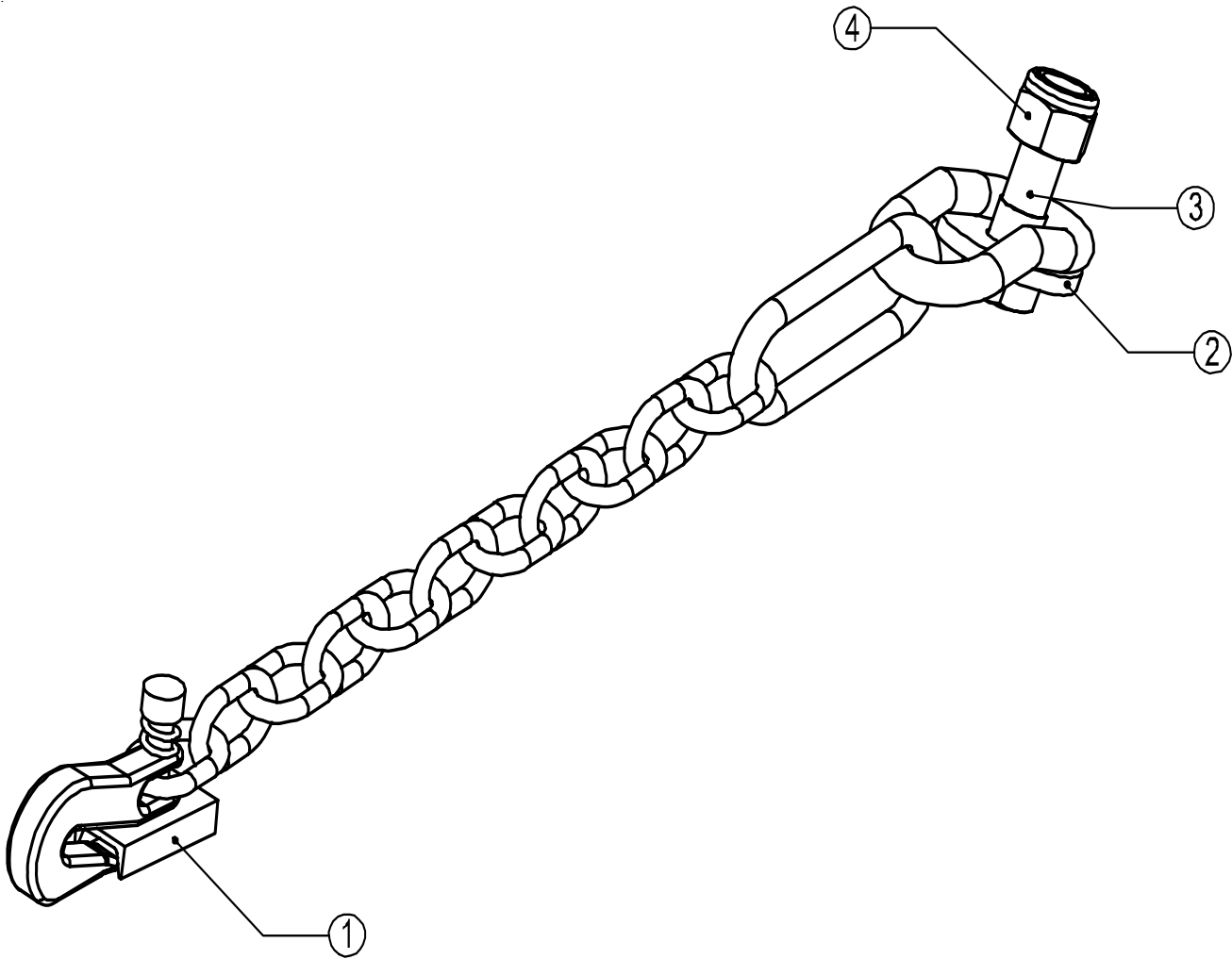
21.0 Flow Control Option (Part No. BPOFC (89005))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	32975	HYD,VALVE,CONTROL,FLOW,8FP	1
2	32082	HYD,FIT,ADAPTOR,8MP-8MP	1



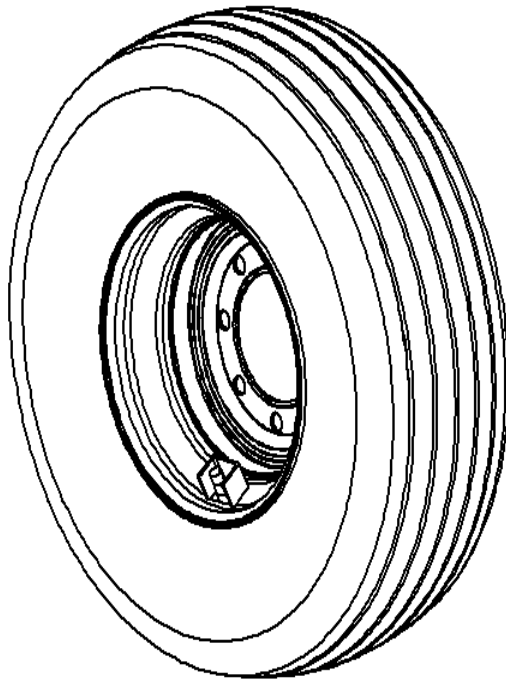
22.0 Safety Chain Option (Part No. BPOSC (89006))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	31590	CHAIN,SAFETY,ASAE,10100LB,5'4"	1
2	E6150	PLT,C,1/4x13/16x2-1/4	1
3	31315	BOLT,HEX,3/4X2-1/2,GR8,ZP	1
4	31175	NUT,NYLOCK,3/4,UNC,ZP	1



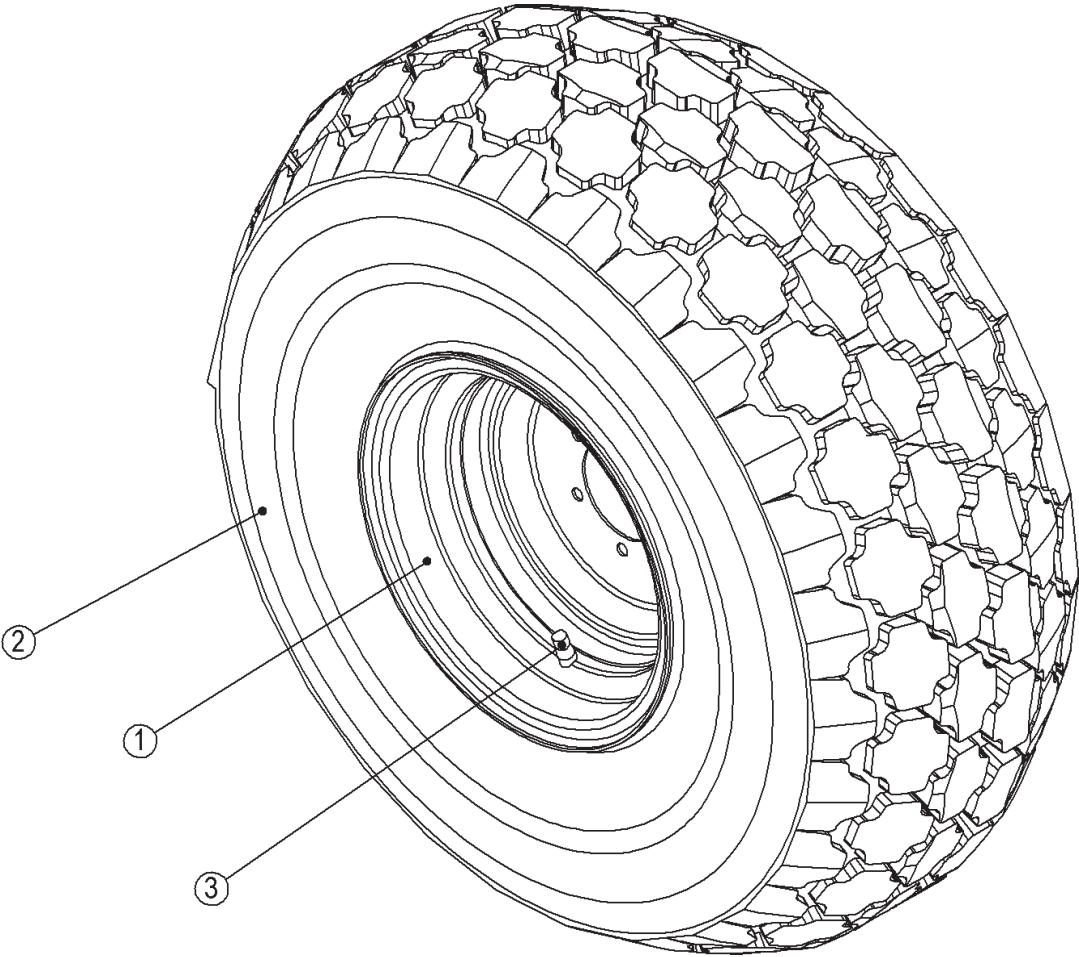
23.0 Standard Tire (Part No. BPOST (31794))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	31793	RIM,15X8,-1.5,8,YELLOW	1
2	30100	SUSP,TIRE,11LX15FI,12PLY	1
3	91048	SUSP,STEM,VALVE,TR801HP	1



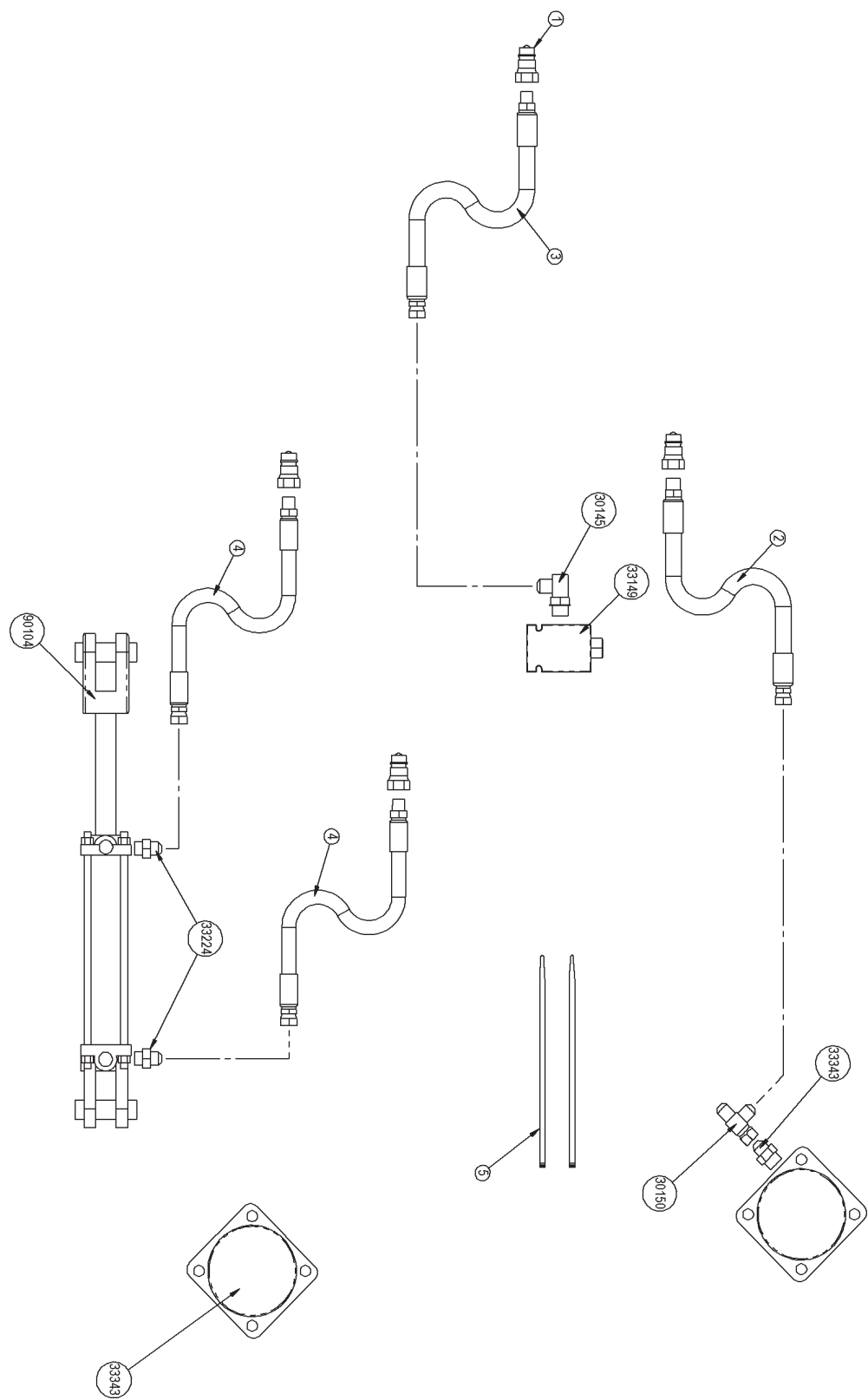
24.0 Large Tire Option (Part No. BPOLT (31881))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	32993	SUSP,RIM,W14CX16.1,-1.5,8,YL	1
2	33880	SUSP,TIRE,16.5LX16.1,ANS,6PLY	1
3	91048	SUSP,STEM,VALVE,TR801HP	1



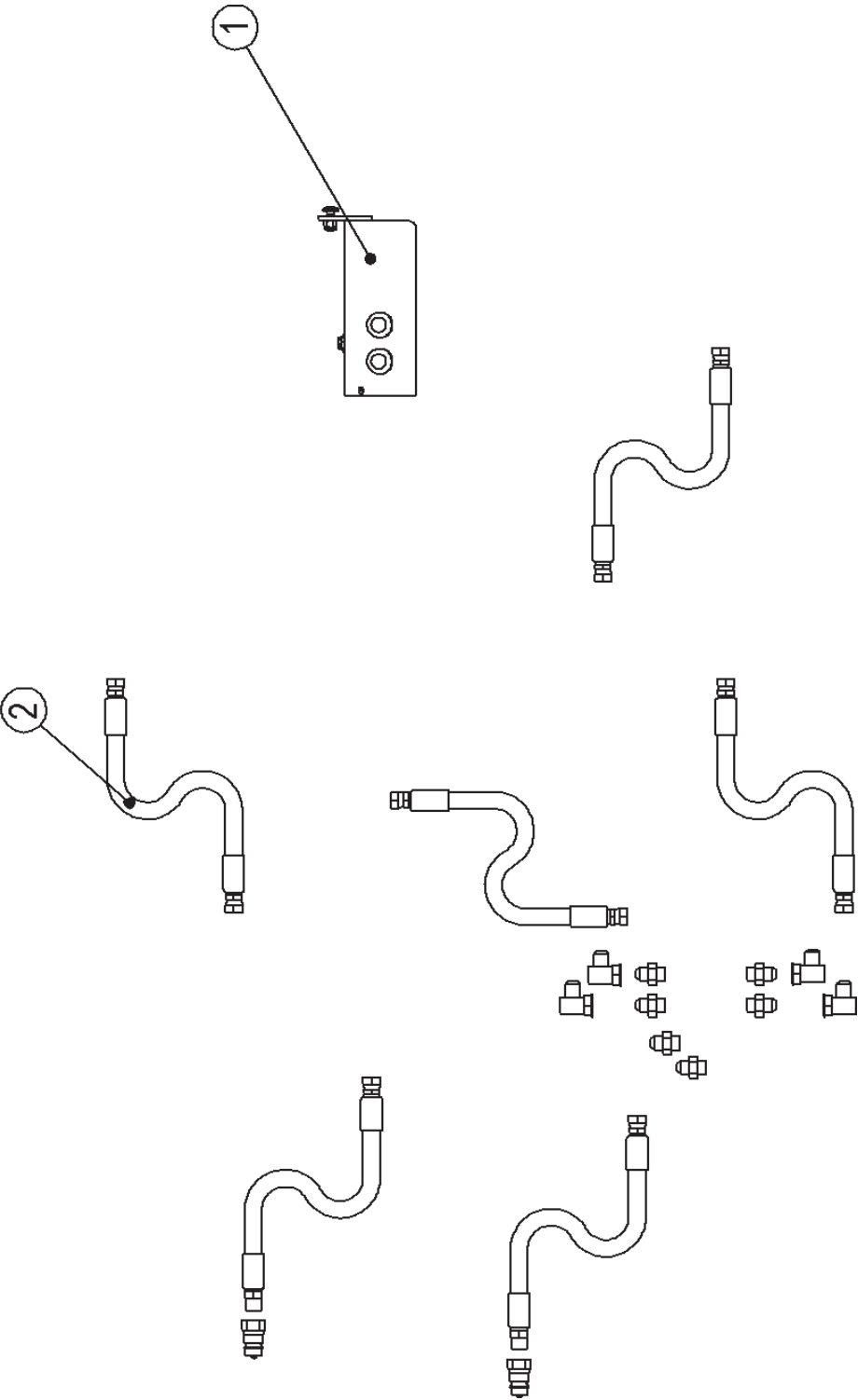
25.0 Three Remote Hydraulic Option (Part No. BPO3RH (89009))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30209	HYD,FIT,PIONEER,MALE,8FP	4
2	30281	HYD,HOSE,1/2X96,8MP-8FJX,2W	1
3	33147	HYD,HOSE,1/2X108,8MP-8FJX,2W	1
4	33148	HYD,HOSE,3/8X180,8MP-8FJX,2W	2
5	31613	TIE,CABLE,NYLON,BLACK,11 1/2"	2



26.0 Mechanical Valve Option Part No. BPOMAV 89082

1	42189	ASSY,ROD,SELECTOR	1
2	49864	ASSY,HYD,SELECTOR	1

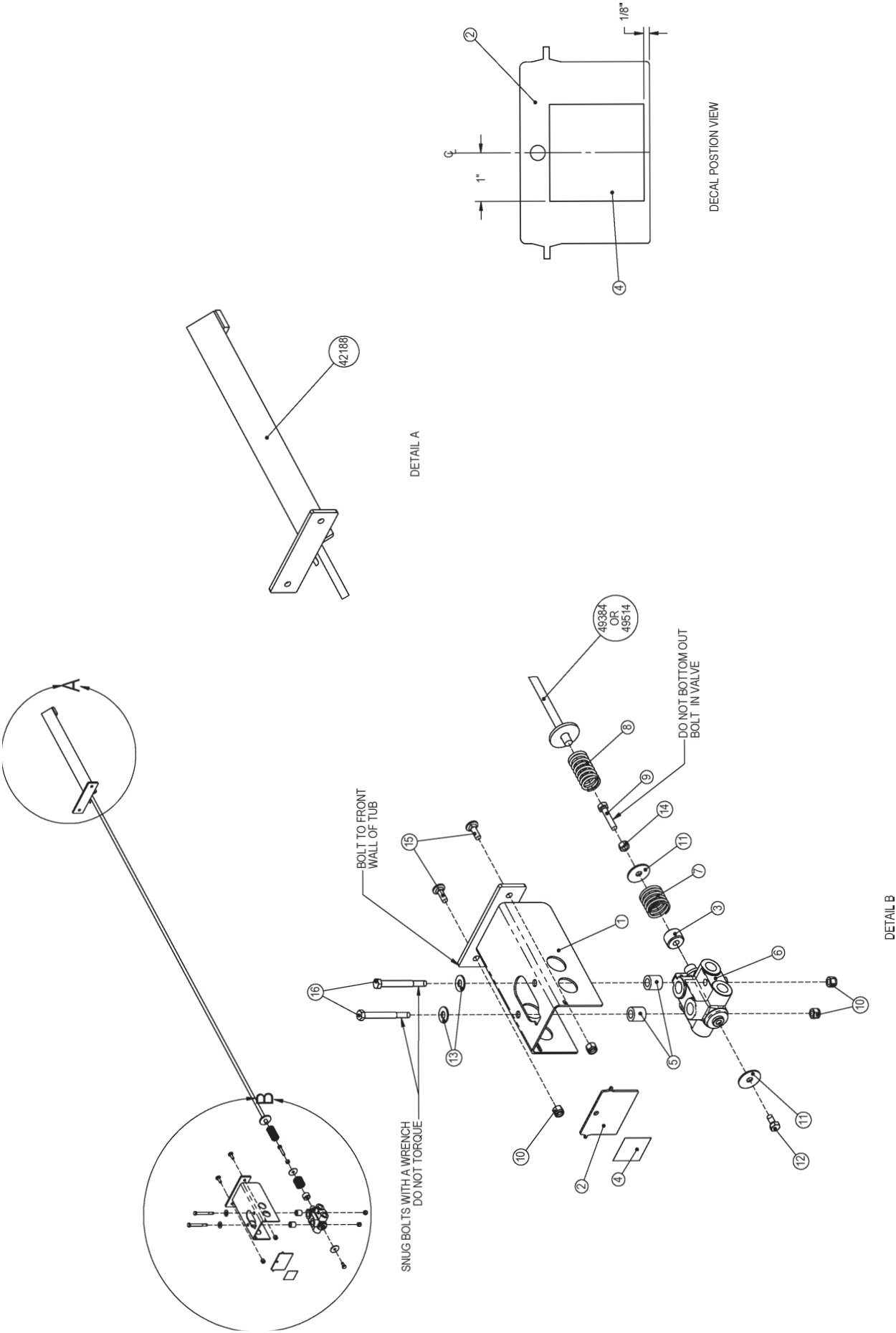


26.1 Selector Rod Assembly (Part No. 42189)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	42185	WLDT,SELECTOR,SHIELD	1
2	E6264	PLT,INDICATOR,SELECTOR	1
3	E6327	BUSHING,SELECTOR	1
4	E6328	REFLECTIVE,TAPE,SELECTOR	1
5	E7504	PIPE,SMLS,7/8X.188X7/8L	2
6	31965	HYD,VALVE,DOUBLE_SELECTOR	1
7	32998	SPRING,1.5X2.50X0.135	1
8	32999	SPRING,1.25X2.31X0.148	1
9	30669	BOLT,HEX,3/8X1-3/4,UNC,GR5,ZP,FT	1
10	31176	NUT,NYLOCK,3/8,UNC,ZP	4
11	31234	WASHER,SP,FLAT,25/64IDX1-1/2OD	2
12	31345	BOLT,HEX,3/8X3/4,UNC,GR5,ZP	1
13	31351	WASHER,FLAT,3/8,ZP	2
14	31485	NUT,HEX,3/8,UNC,GR5,ZP	1
15	31573	BOLT,CARR,3/8X1,UNC,GR5,ZP	2
16	31781	BOLT,HEX,3/8X3-1/2,UNC,GR5,ZP	2

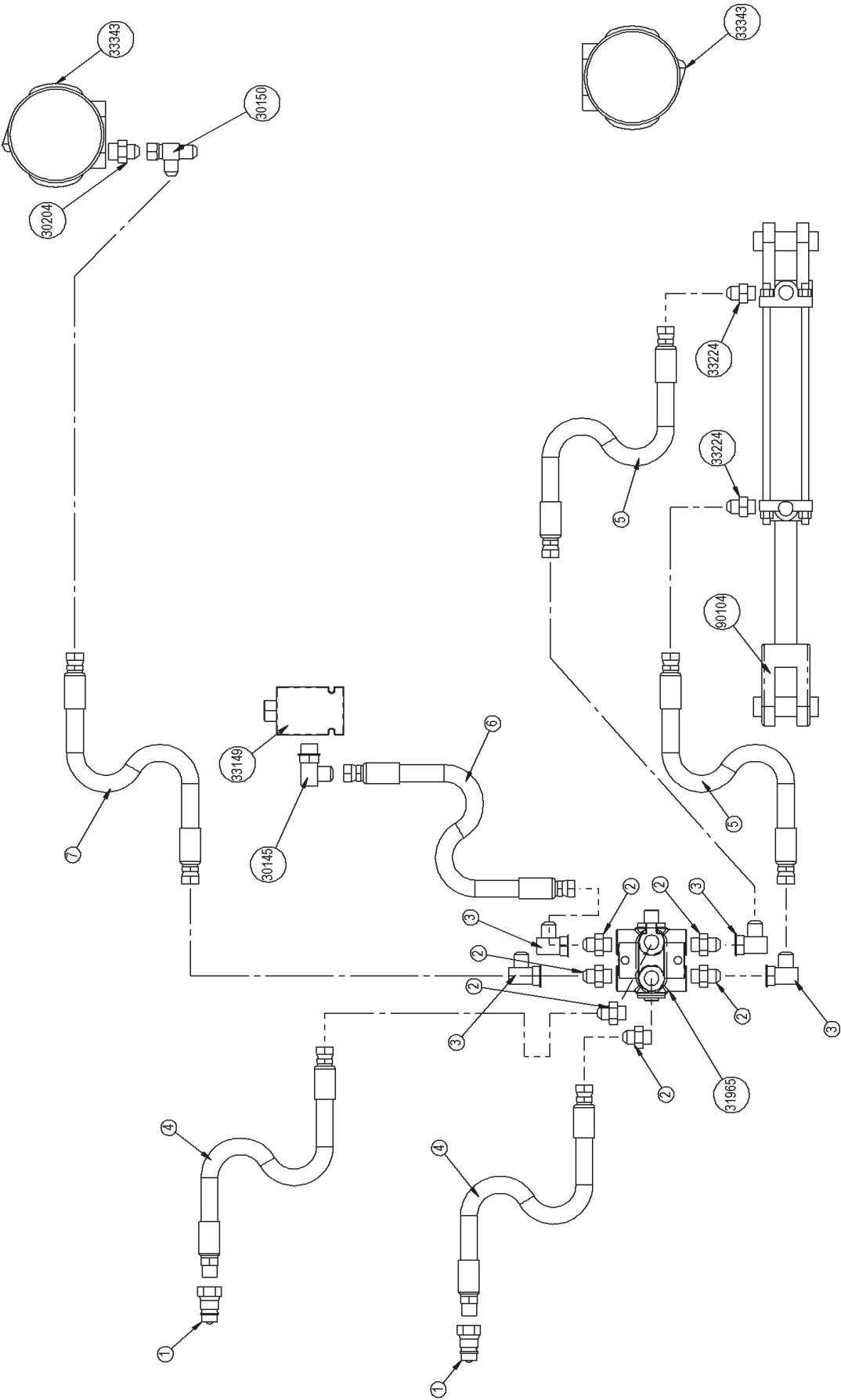
26.2 Mechanical Valve Parts(Part No. 31965)

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	33686	SEAL KIT	1



26.3 Selector Hydraulics Schematic (Part No. 49864)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30209	HYD,FIT,PIONEER,MALE,8FP	2
2	30215	HYD,FIT,ADAPTER,8MB-8MJ	6
3	30436	HYD, FIT, ELBOW,8FJX-8MJ90	4
4	31954	HYD,HOSE,1/2X120,8MP-8FJX,2W	2
5	33791	HYD,HOSE,1/2X48,8FJX-8FJX,2W	2
6	30437	HYD,HOSE,1/2X42,8FJX-8FJX,2W	1
7	33923	HYD,HOSE,1/2X30,8FJX-8FJX,2W	1



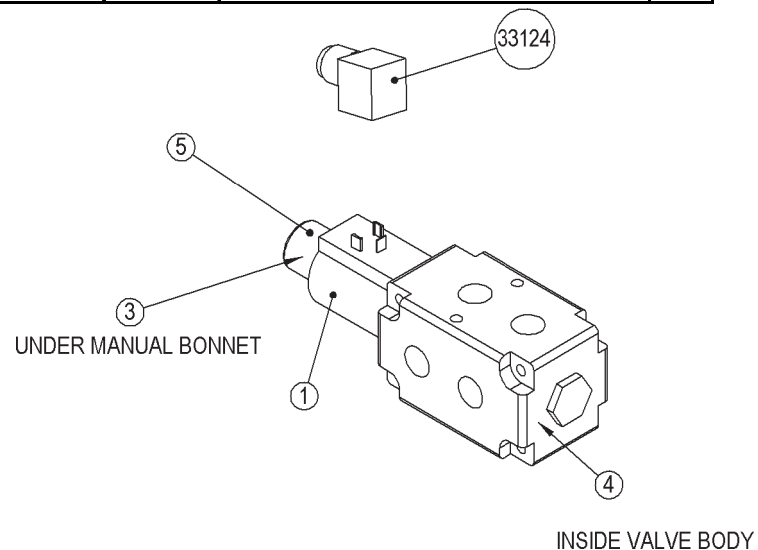
27.0 Electric/Hydraulic Selector Valve Option (Part No. BPOEH (89045))

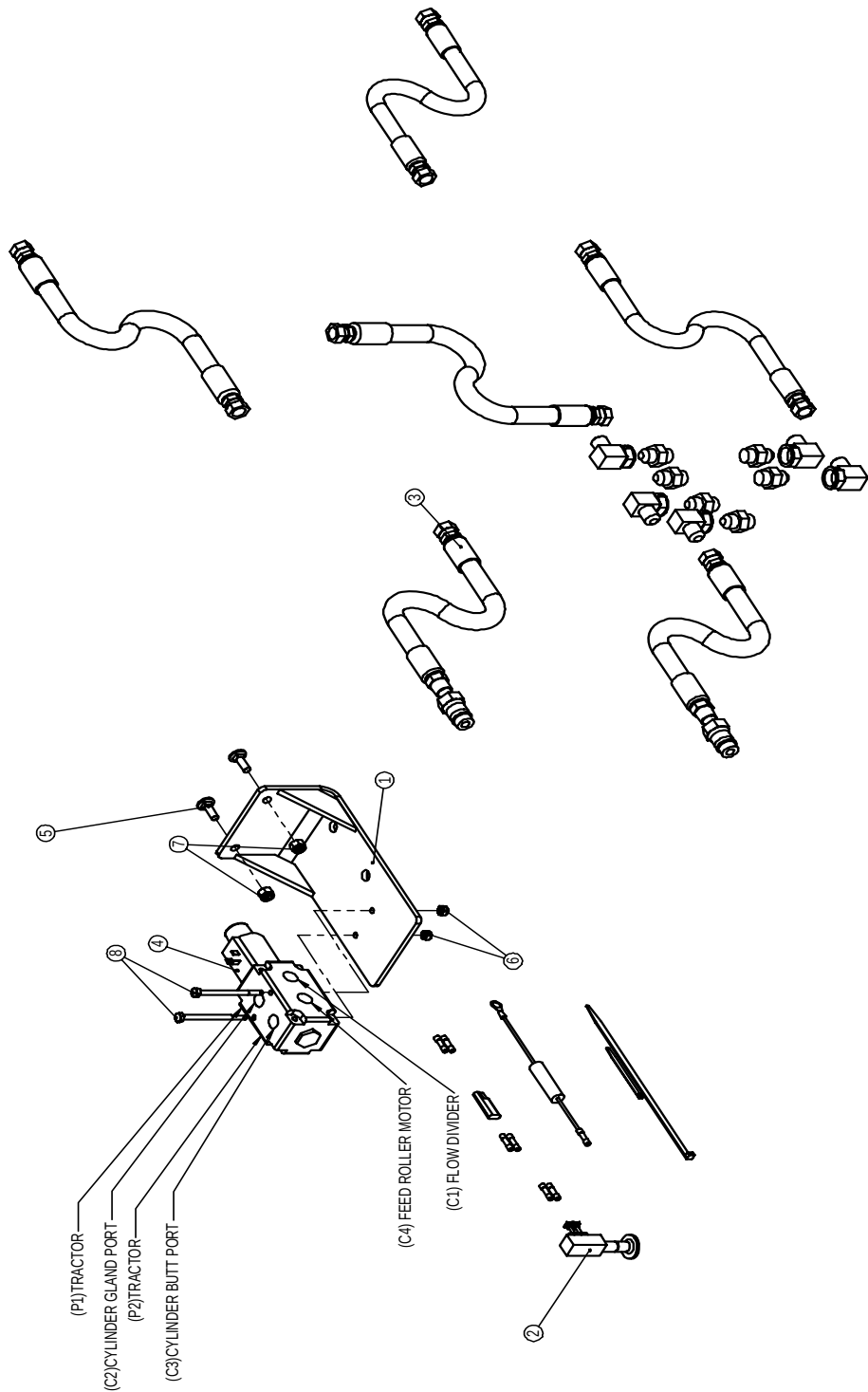
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49419	WLDT,MOUNT,ELEC_HYD,7010	1
2	49421	ELEC,HARNESS,SELECTOR VALVE	1
3	49599	ASSY,HYD,SELECTOR	1
4	33201	HYD,VALVE,ELEC_DOUBLE_SELECTOR	1
5	31573	BOLT,CARR,3/8X1,UNC,GR5,ZP	2
6	31174	NUT,NYLOCK,1/4,UNC,ZP	2
7	31176	NUT,NYLOCK,3/8,UNC,ZP	2
8	33200	BOLT,HEX,1/4X3-1/2,UNC,GR5,ZP	2

SEE NEXT PAGE FOR DRAWING

27.1 Electric/Hydraulic Valve Parts (Part No.33201))

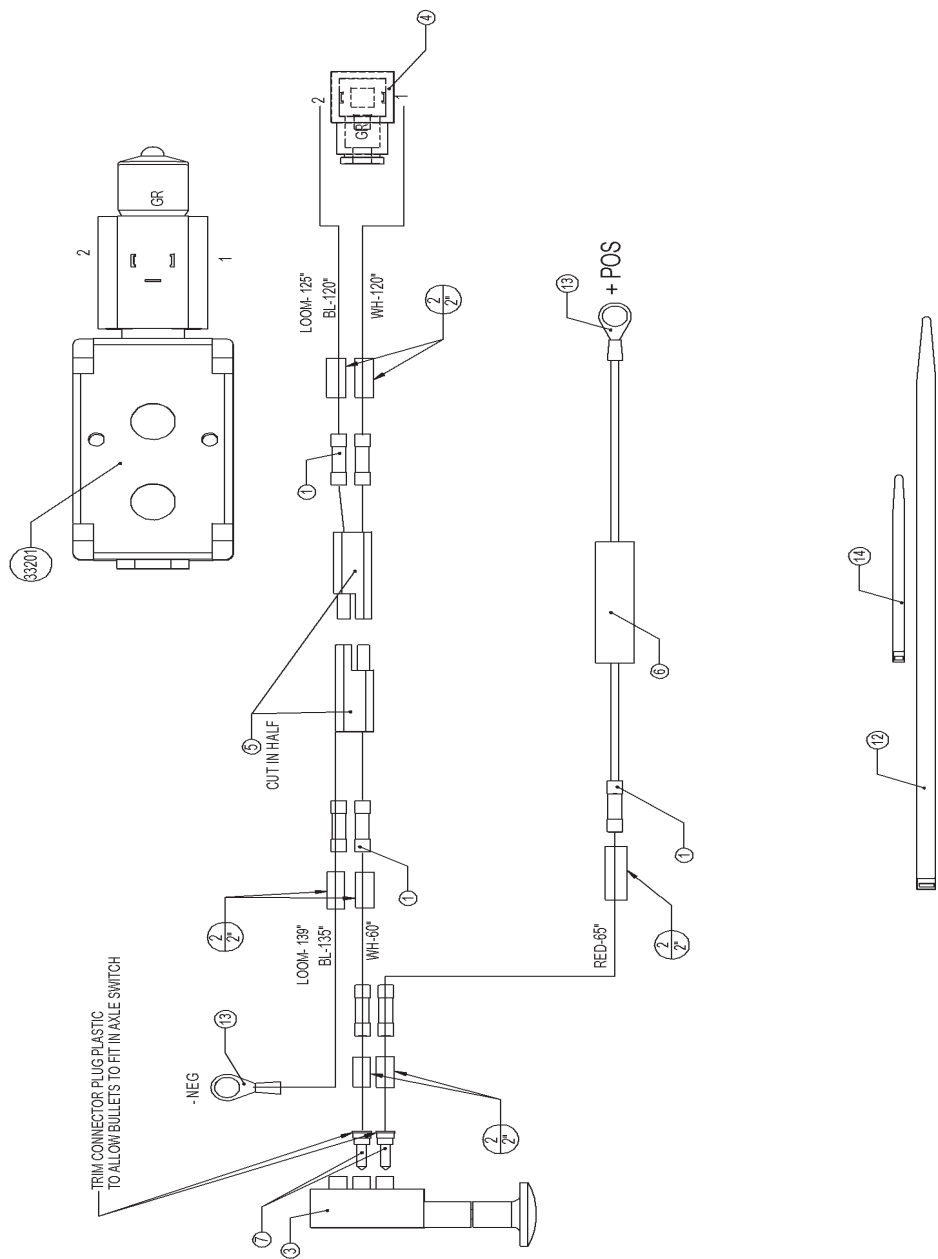
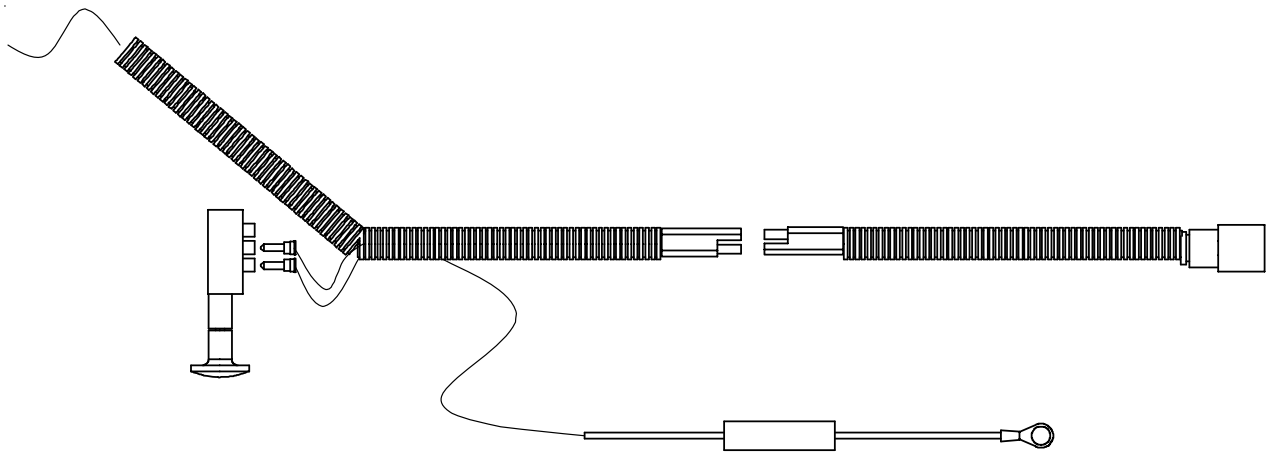
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	33126	COIL,C4801-V12-DCGM5050/5051	1
2	33128	NUT GM 5043	1
3	33129	SPRING,RETURN	1
4	33138	BOOT,VERRIDE	1





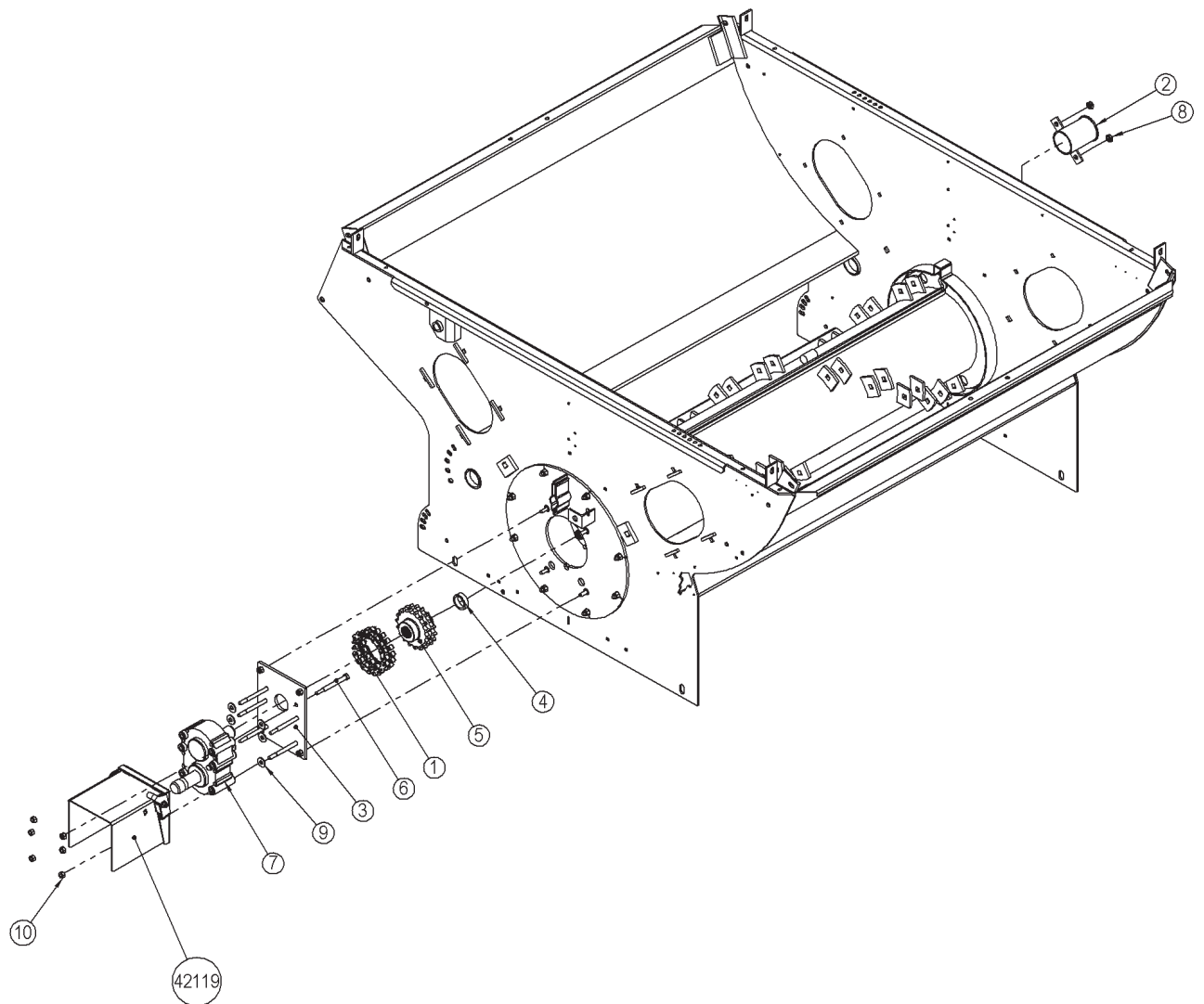
27.2 Harness Schematic for Elec/Hyd Selector Valve Option (Part No. 49421)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30408	ELEC,CONN,BUTT,16-14	7
2	31976(1.17)	ELEC,HEAT_SHRINK,DUAL_WALL,1/4	1
3	33123	ELEC,SWITCH,AXLE	1
4	33124	ELEC,CONNECTOR,DIN,MPM 182-09	1
5	33125	ELEC,CONN,2_POLE,FLAT,16GA	1
6	33127	ELEC,HOLDER,FUSE,15AMP	1
7	33130	ELEC,PLUG,BUL .156,90 DEG	2
8	37980(21.25)	ELEC,WIRE,14GA,STRAND,BLACK	1
9	37981(15)	ELEC,WIRE,14GA,STRAND,WHITE	1
10	92151(5.5)	ELEC,WIRE,16GA,STRAND,RED	1
11	92143(22)	ELEC,LOOM,1/2,SPLIT,CORRUGATED	1
12	31613	TIE,CABLE,NYLON,BLACK,11 1/2"	3
13	92166	ELEC_CONNECTOR,RING,3/8,16-14,ST,INS	2
14	92170	TIE,CABLE,4",BLACK	6



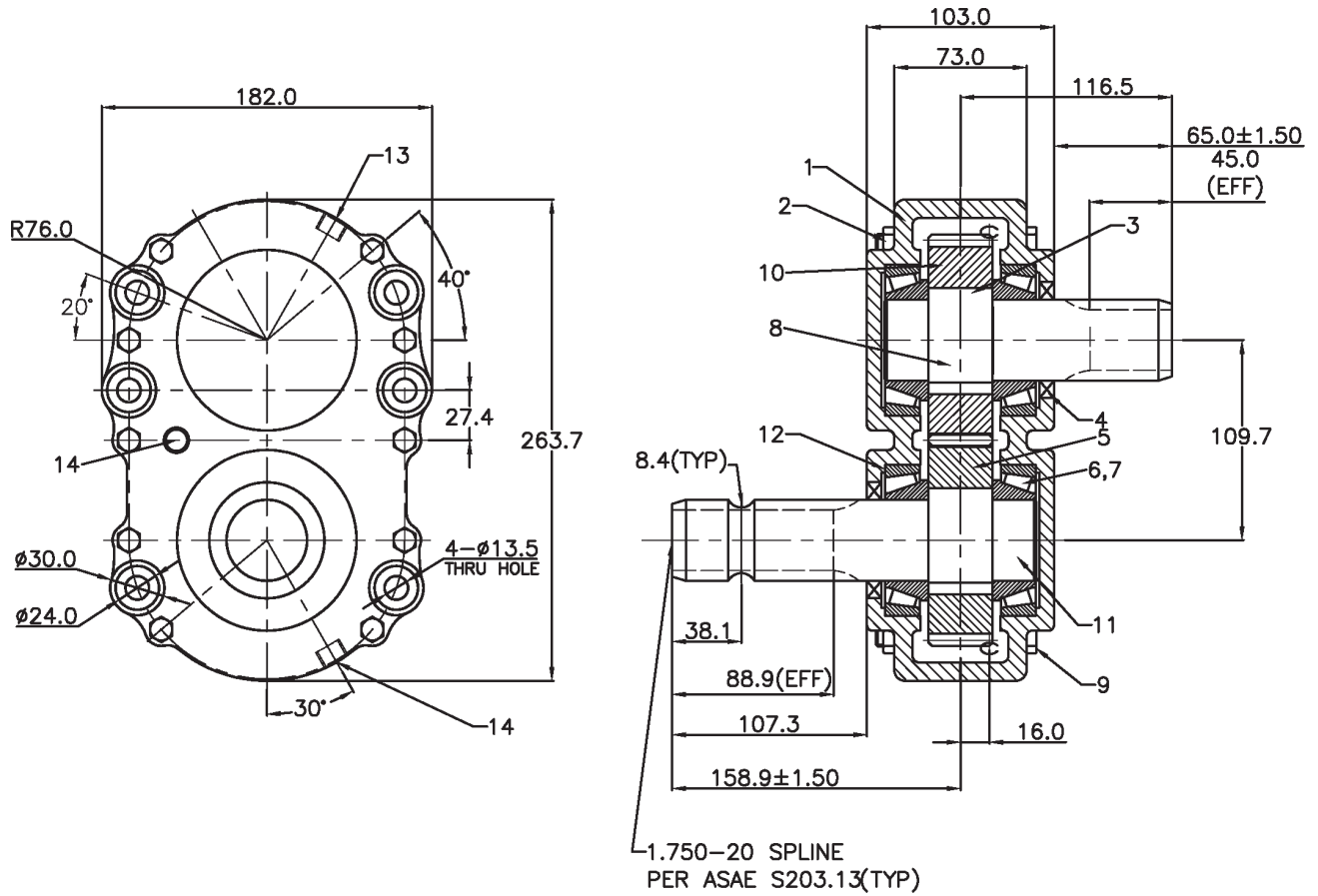
28.0 Right Hand Discharge Option (BPORHD (89066))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	49652	DRV, COUPLER, CHAIN, COMPLETE	1
2	49676	W/LDT, GUARD, SHAFT, 1-3/4	1
3	E7738	PLT, MOUNT, GEARBOX, RHD	1
4	E8822	PIPE, SMLS, 2-1/4X.240X5.8L	1
5	30070	DRV, COUPLE, 80 B18, 1 3/4 SPL	2
6	33903	BOLT, HEX, 1/2X5-1/2, UNC, GR5 .BLK	6
7	33905	DRV, GBOX, PRL, 1:1, 1-3/4-20 SPL	1
	40958	DRV, GBOX, PRL, 1:1, 1-3/4-20 SPL	1
8	31168	NUT, NYLOCK, JAM, 5/8, UNC, ZP	2
9	31236	WASHER, FLAT, 1/2, ZP	6
10	31612	NUT, STOVER, 1/2, UNC, ZP	6
11	33730(.3)	OIL, EP80W90	1



28.1 Right Hand Gearbox parts (BPORHD (33904))

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	33906	HOUSING	1
2	33909	OIL SEAL (44.45X69X8)	2
3	33911	BEARING CONE 25580	4
4	33912	BEARING CUP 25520	4
5	33916	INPUT SHAFT/HELICL GEAR (LH) ASM	1
6	33913	OUTPUT SHAFT/HELICAL GEAR (RH) ASM	1
7	33907	CAP SCREW M8X85	8
8	33914	NUT	8
9	34050	LOCK WASHER	8
10	34051	SHIM	A/R
11	33918	9/16" RELIEF PLUG WITH O-RING	1
12	33919	9/16" PIPE PLUG WITH O-RING	2



NOTE

1. RATIO 1:1
2. HELICAL GEARSET: MODULE 4 TEETH 27 & 27
TOOTH WIDTH 35MM
HELICAL ANGLE 10°
3. INPUT 1000 RPM
4. PAINT BLACK, NO PAINT ON SHAFTS
5. ADD 300ML. OF SAE 80W-90 OIL TO GEARBOX

1.750-20 SPLINE
PER ASAE S203.13(TYP)