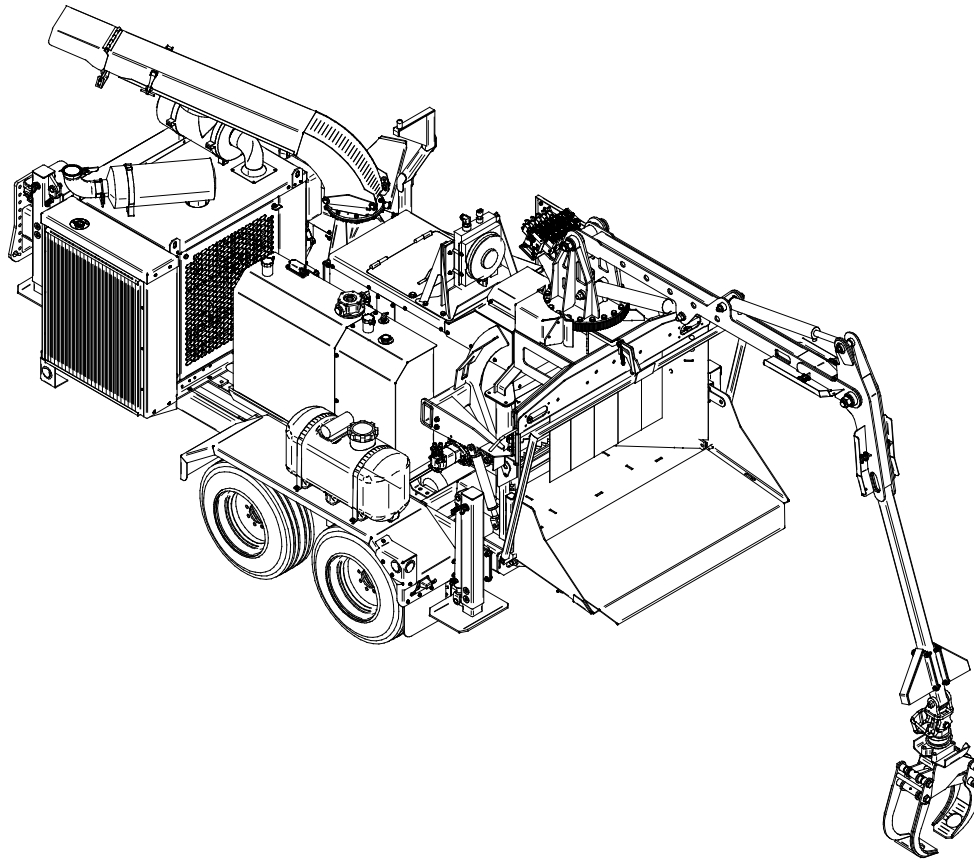


WOODSMAN

770 Drum Chipper

Parts Manual 2010



Customer _____

Dealer _____

S/N _____ Frame # _____

Woodsman LLC

1250 Commerce Dr. Farwell MI, 48622

Phone: (800) 953-5532

Fax: (989) 588-4827

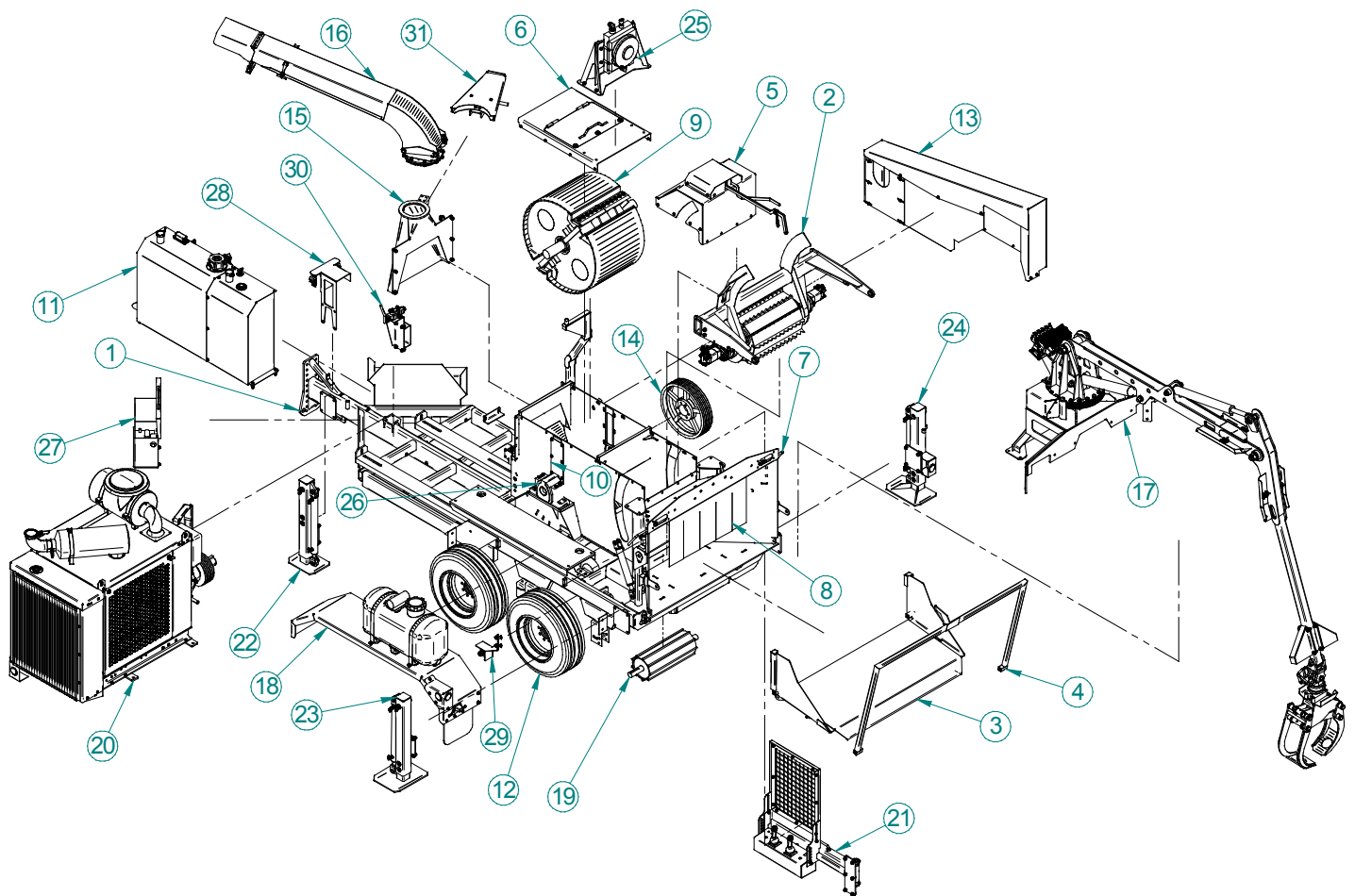
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.....	

*ALL FASTENERS ARE GRADE 8 UNLESS OTHERWISE STATED

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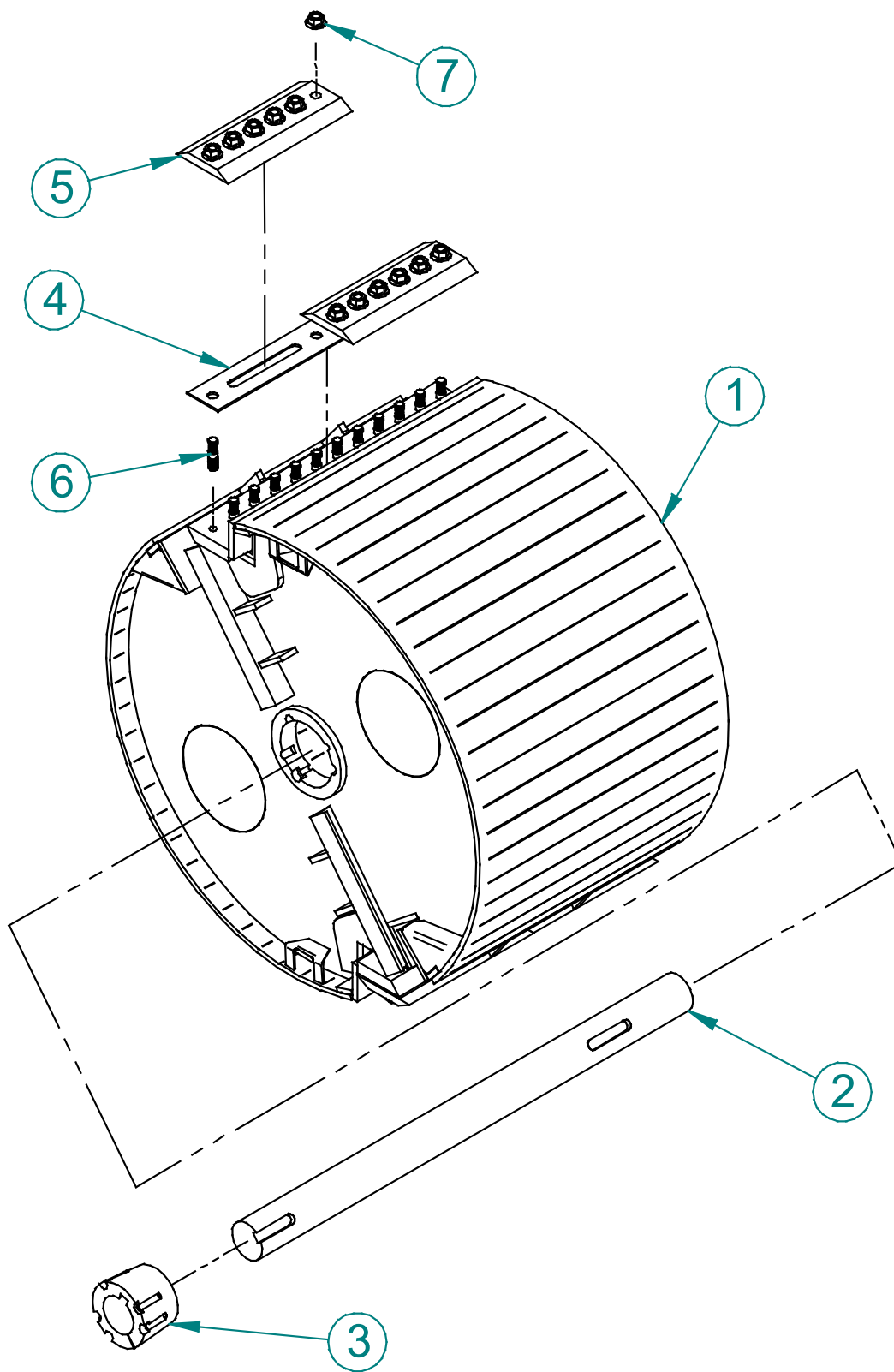
Bolted on frame component

ITEM	PART NO.	QTY	DESCRIPTION
--	41000418	1	770 Loader
1	40102418	1	Frame
2	41005418	1	Yoke and feed wheel
3	40106418	1	Tailgate
4	40105418	1	Safety bar (winch 40077418)
5	41030418	1	Detent box /mount (winch 41043418)
6	41028418	1	Top door for drum (winch 41042418)
7	40116418	1	Yoke control arm (winch 40012418)
8	30115318	1	Rubber chip guard
9	41020418	1	Drum (winch 41025418)
10	41025313	2	Drum side covers
11	41048080	1	Tanks (winch 41048080)
12	26126201	4	Tire and rim
13	41021418	1	Belt shield
14	20349212	1	Drive Sheave
15	41023418	1	Transition
16	41020100	1	Discharge chute
17	41010109	1	Loader
18	41026418	1	Fender (tank side)
19	40008100	1	Bottom feed wheel
20	27100058	1	Engine
21	41029418	1	Swing out control arm (loader only)
22	41122424	1	Front jack
23	41019418	1	Rear jack tank side
24	41018418	1	Rear jack belt shield side jack
25	41047080	1	Oil cooler
26	-----	2	Bearing (see pages 74 and 75)
27	41039418	1	Battery box
28	41034418	1	Glad hand mount
29	41040418	1	E-stop
30	41037418	1	Front jack valve mount
31	4102100	1	Std. hand crank
32NS	30039318	1	Base bottom door

AR - As Required

NS - Not Shown

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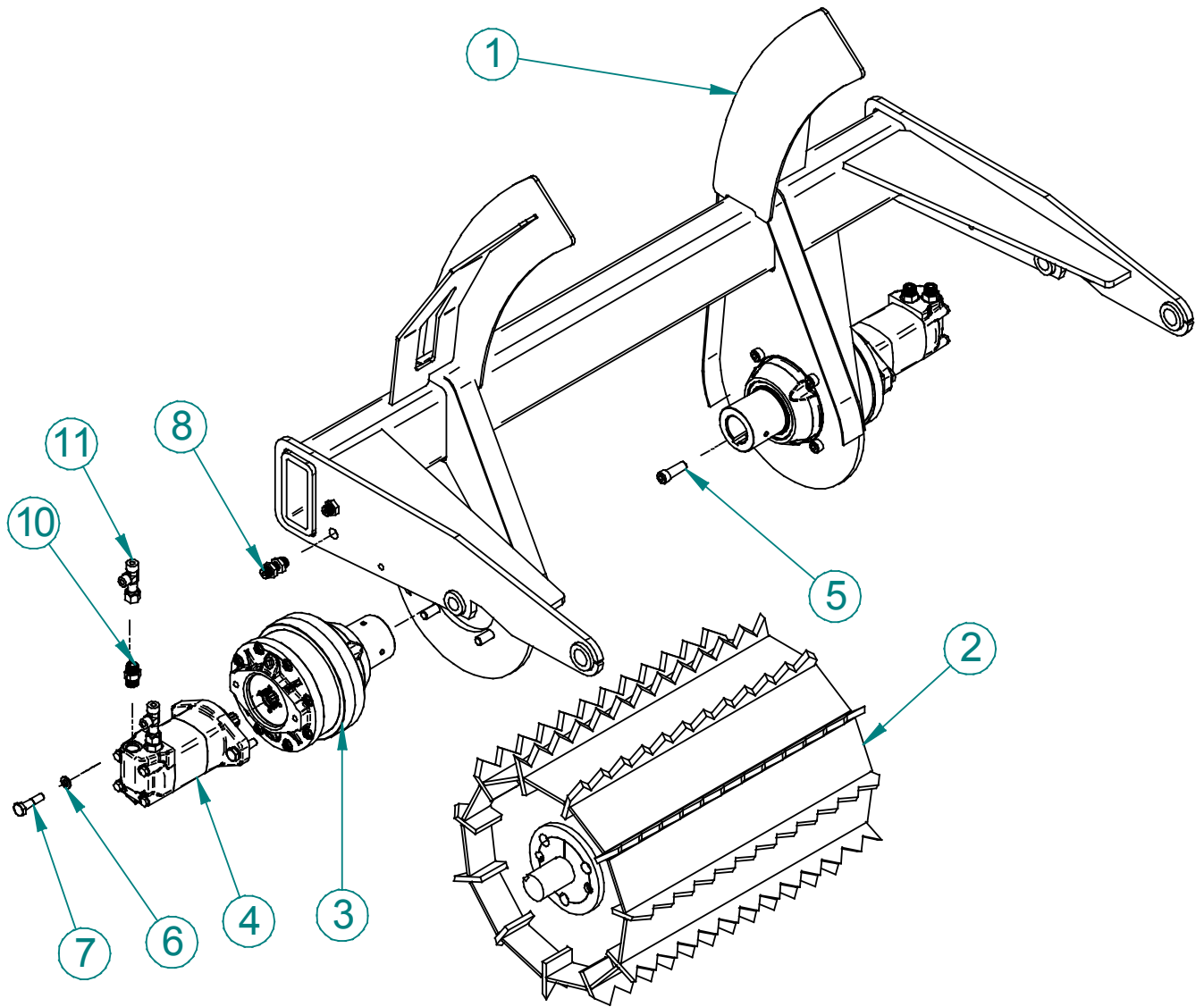
Drum complete

ITEM	PART NO.	QTY	DESCRIPTION
--	41025418	1	770 winch drum
1	40001318	1	Standard 2' drum
2	30501418	1	2 15/16" Drum shaft (Winch)
2	30420418	1	3 7/16" Drum shaft (Loader)
3	20010048	2	2 15/16" Bushing (Winch)
3	20010055	2	3 7/16" Bushing (Loader)
4	30010318	2	knife shim 10 GA
4a NS	30019318	AR	knife shim 1/4"
5	50003007	4	Two sided bolt in knife
6	24717001	24	5/8"-18 / 5/8"-11 Screw in stud
7	24801208	24	5/8"-18 locking nut
8 NS	30037318	1	Anvil
9 NS	24704413	5	Anvil bolts 5/8"-18 x 2 1/4"
10 NS	24650410	5	Anvil washers 5/8" extra thick
11NS	20675170	1	belt

AR - As Required

NS - Not Shown

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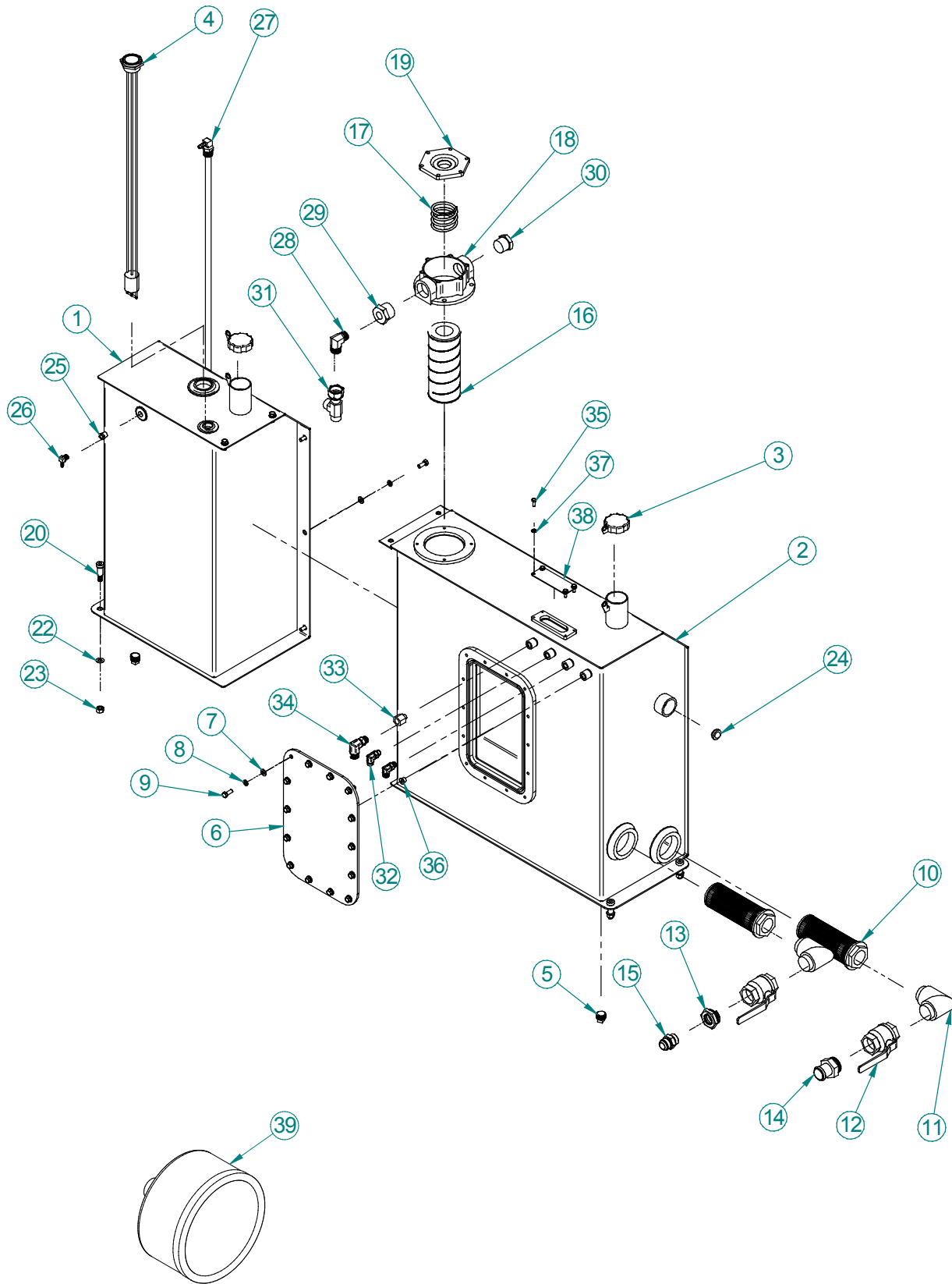
Complete yoke and feed wheel

ITEM	PART NO.	QTY	DESCRIPTION
--	41005418	1	Complete Yoke and Feed wheel
1	40010418	1	Yoke assembly
2	41012418	1	Feed wheel
3	22045510	2	Gear hub
4	22040111	2	Hyd. Motor
4a NS	22045509	-	Gear hub seal
5	24715383	8	5/8" Socket head bolt
6	24600208	4	1/2" lock washer
7	24702312	4	1/2"-13 x 2" bolt
8	22001011	2	#6 str Bulkhead fitting
9N/S	22001261	2	6-6-6 Swivel tee
10	22001150	4	8-10 str O-ring to FS
11	22001263	2	8-8-8 Run tee

AR - As Required

NS - Not Shown

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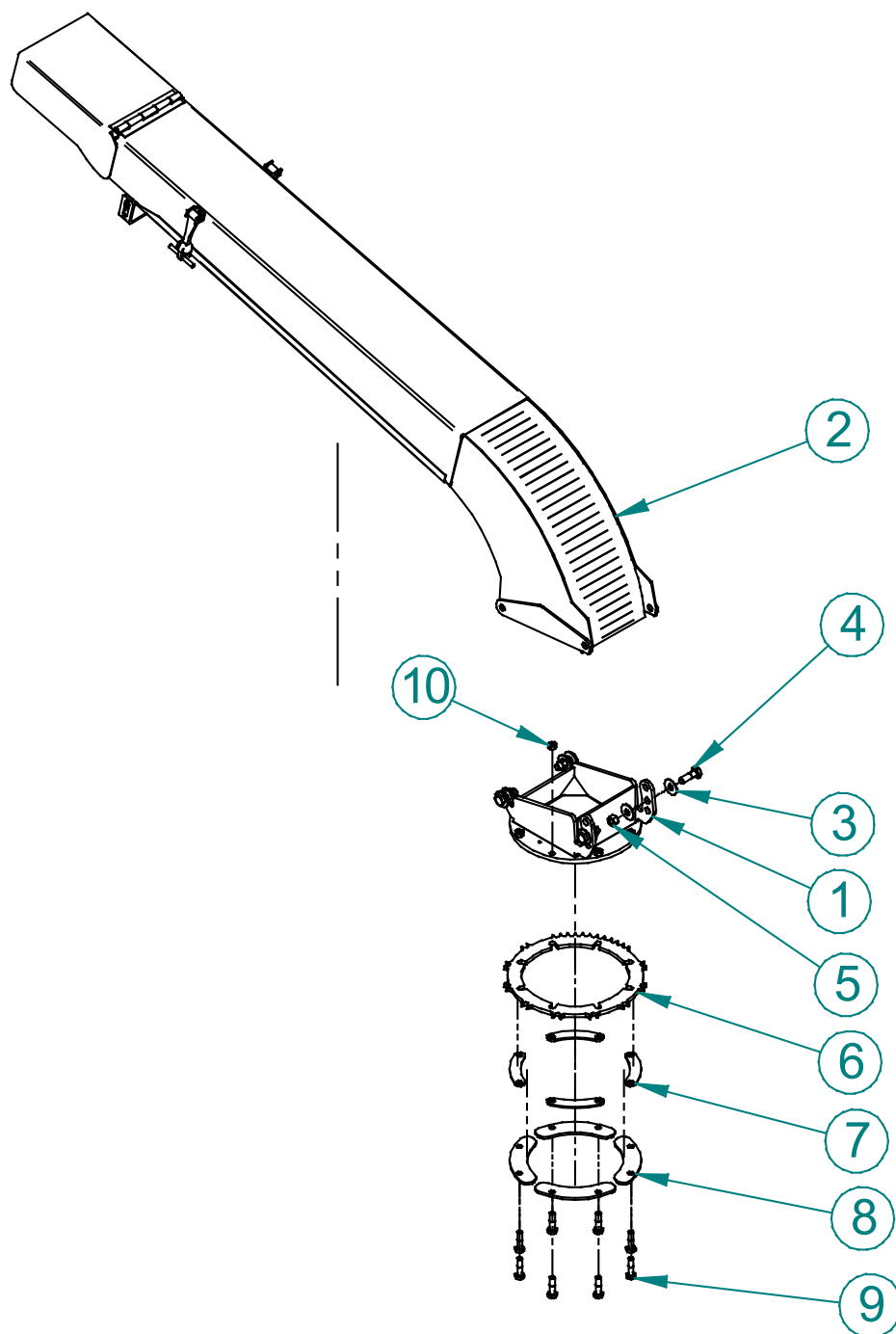
Tanks

ITEM	PART NO.	QTY	DESCRIPTION
--	41048080	1	Fuel tank and Hyd tank assembly
1	40063080	1	45 gal Fuel tank
2	40064080	1	64 gal Hyd tank
3	22003073	2	Tank cap
4	22003056	1	Tank level gage
5	22000705	2	3/4" drain plug W/ magnet
6	30165080	1	Hyd clean out cover
7	24650106	19	3/8" flat washer
8	24600206	19	3/8" Lock washer
9	24402205	19	3/8"-16 x 1 bolt
10	22003047	2	Suction screen
11	22000728	2	24-24 90deg O-ring to O-ring
12	22015000	2	1 1/2" Ball valve
13	22001536	1	24 to 16 Reducer
14	22000743	1	1 1/2" Hose barb
15	22001742	1	16-16 str JIC
16	22003022	1	Return filter
17,18,19	22003003	1	Return filter Top, Head and Spring
20	25000035	4	5/8" x 1 1/4 Stripper bolt
21N/S	30431080	1	Hyd drop tubes
22	24650231	4	7/16" Flat washer
23	24801108	4	1/2"-13 Lock nut
24	22003049	1	Sight gauge
25	22000029	1	3/8" to 1/4" Reducer
26	22900002	1	90 deg Brass 1/4" barbed elbow
27	40069080	1	Fuel tank drop tube
28	22001222	1	12-12 90 deg O-ring to FS
29	22000037	1	1 1/2" m x 3/4" fm NPT Bushing
30	22000098	1	1 1/4" Pipe plug
31	22001259	1	12-12-12 Run tee
32	22001235	2	6-6 90 deg O-ring to FS
33	22001512	1	6-5 Adaptor
34	22001249	1	12-8 90Deg O-ring to FS
35	24402104	4	1/4"-20 x 3/4" bolt
36	22000115	1	#6 Hex plug
37	24600204	4	1/4" Lock washer
38	30447080	1	Cover plate
39	22003009	1	back pressure gauge

AR - As Required

NS - Not Shown

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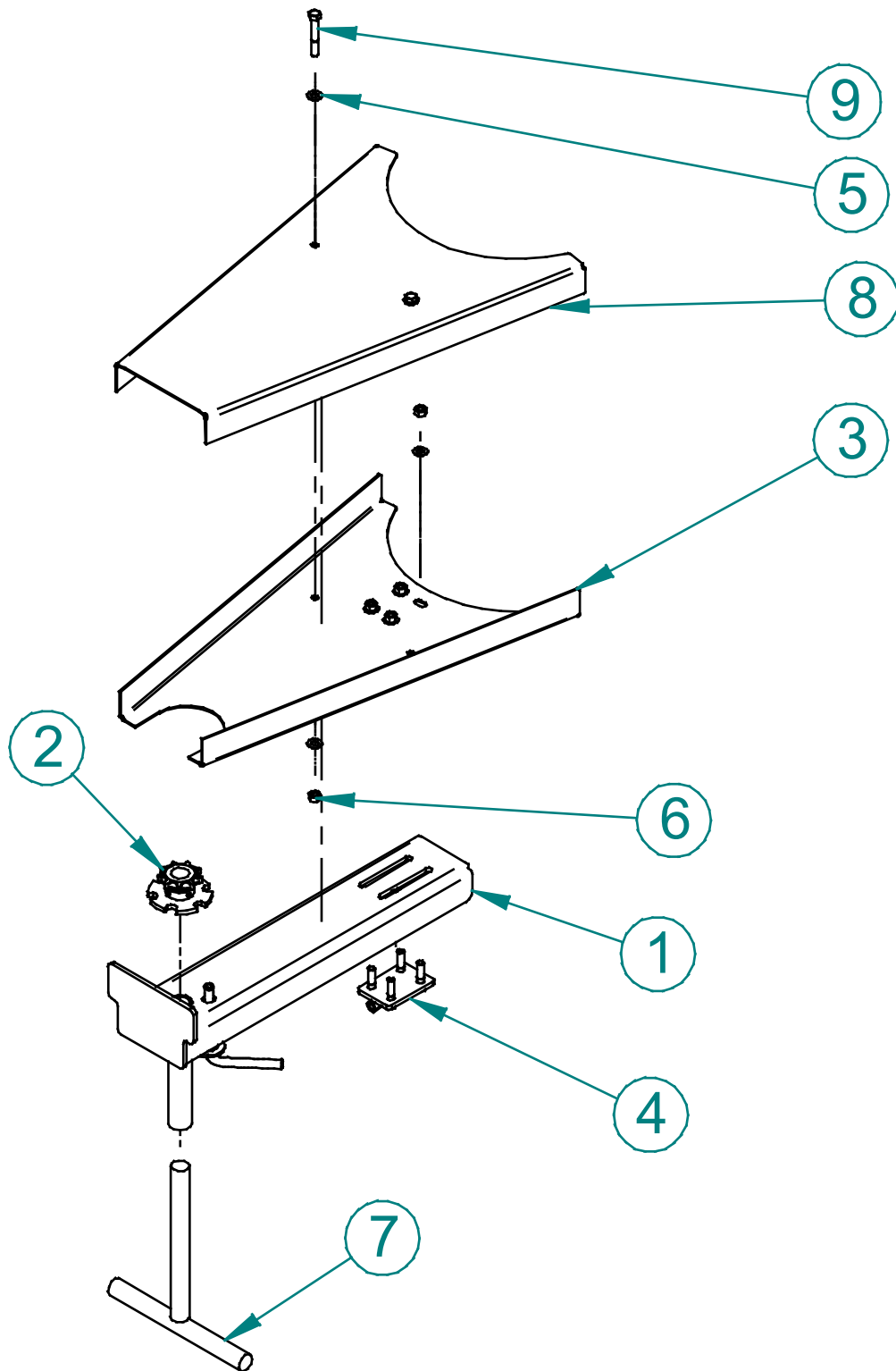


Discharge

ITEM	PART NO.	QTY	DESCRIPTION
--	41020100	1	Discharge Chute
1	40032418	1	Discharge chute swivel base
2	40054100	1	Discharge chute
3	24650110	8	5/8" Flat washer
4	24702411	4	5/8"-11 x 2 Bolt
5	24801110	4	5/8"-11 Lock nut
6	30182418	1	Chute turn sprocket
7	30096418	4	Discharge chute shims
8	30086418	4	Discharge chute shims
9	24702312	8	1/2"-13 x 2 Bolt
10	24801108	8	1/2"-13 Lock nut
11NS	25501004	2	Rubber latch

AR - As Required

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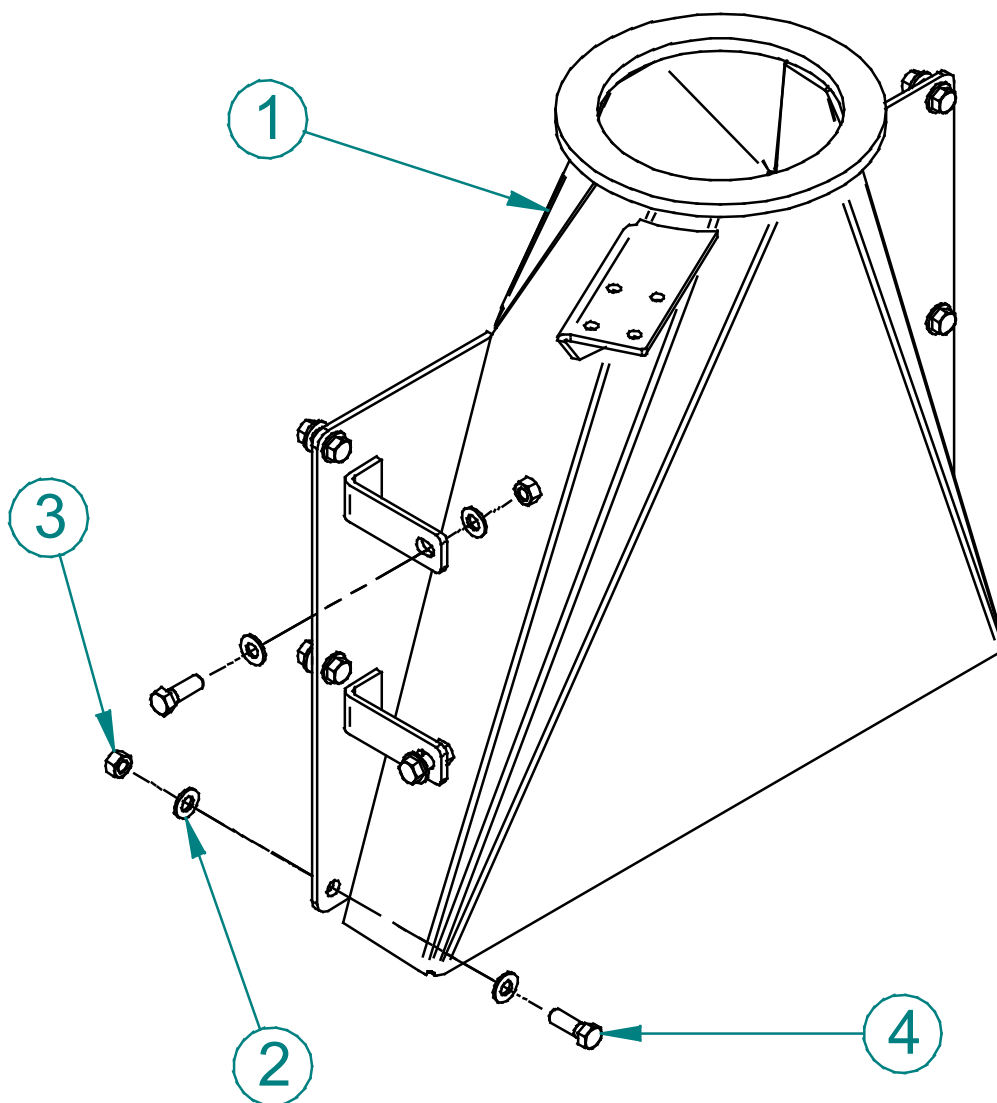


Hand crank

ITEM	PART NO.	QTY	DESCRIPTION
--	4102100	1	Std. hand crank
1	40002100	1	Std. hand crank base assy
2	40024100	1	Hand crank sprocket / lock assy
3	30262418	1	Std. hand crank bottom
4	40025100	1	Std. hand crank base adjuster plate
5	14650230	8	3/8" Flat washer
6	24801107	7	3/8"-16 Lock nut
7	40015100	1	"T" handle
8	30263418	1	Std. hand crank top
9	24402217	3	3/8"-16 x 2 1/2"bolt

AR - As Required

NS - Not Shown

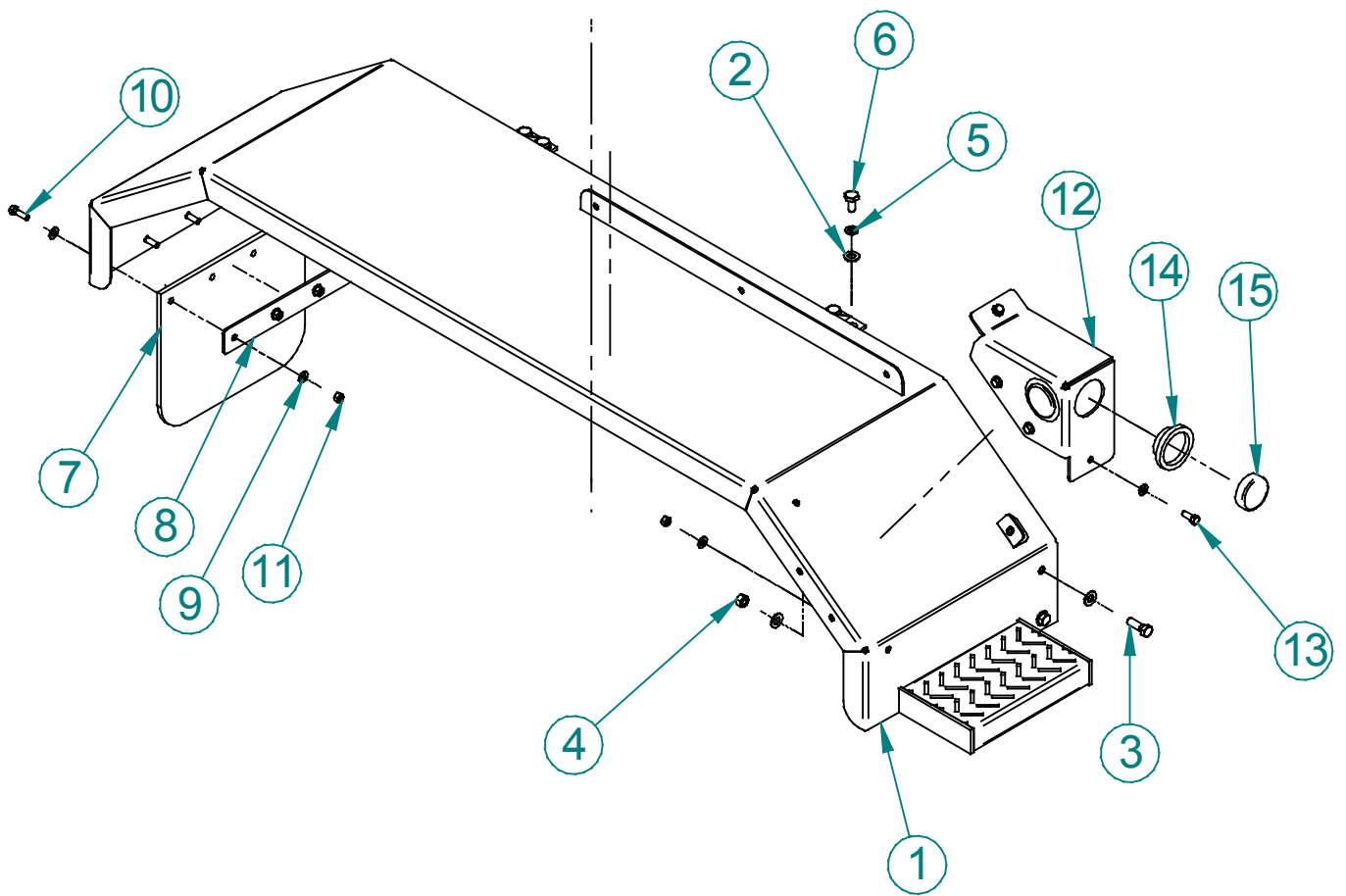


Transition

ITEM	PART NO.	QTY	DESCRIPTION
--	41023418	1	Transition
1	40029313	1	Transition assembly
2	24650232	16	1/2" Flat washer
3	24801108	8	1/2"-13 Lock nut
4	24702308	8	1/2"-13 x 1 1/2" bolt

AR - As Required

NS - Not Shown



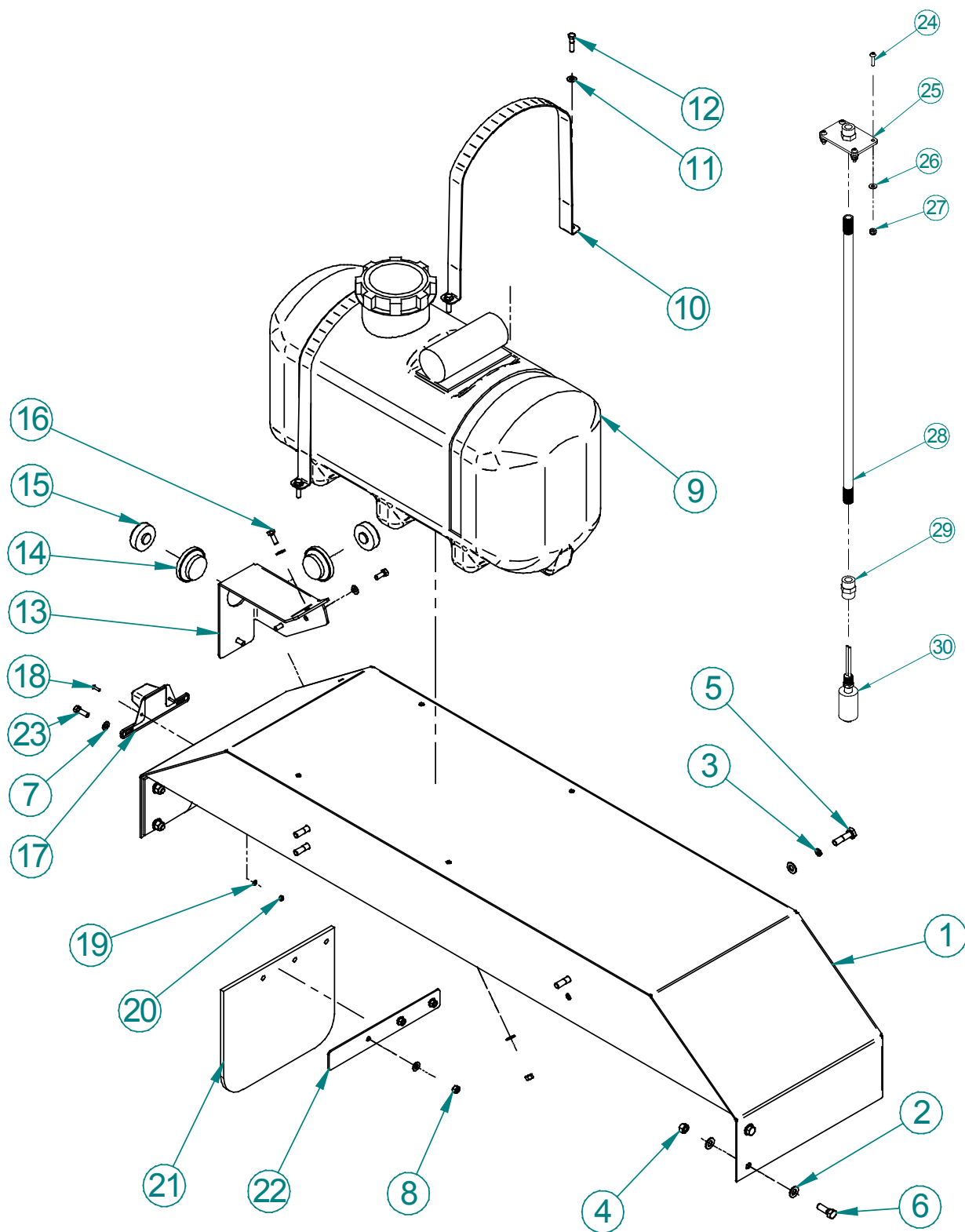
Fender (curb side)

ITEM	PART NO.	QTY	DESCRIPTION
--	41027418	1	Curb side fender
1	40114418	1	Curb side fender tandem axle
2	24650232	12	1/2" Flat washer
3	24702308	4	1/2"-13 x 1 1/2" Bolt
4	24801108	4	1/2"-13 Lock nut
5	24600208	4	1/2" Lock washer
6	24702304	4	1/2"-13 x 1 Bolt
7	25501045	1	14" x 12" x 3/8" Mud flap
8	30582418	1	Mud flap mounting strap
9	24650230	14	3/8" Flat washer
10	24402207	3	3/8"-16 x 1 1/4" Bolt
11	24801107	7	3/8"-16 x 1 Bolt
12	30566418	1	Fender light mount
13	24402205	4	3/8"-16 x 1" Bolt
14	26010163	2	Side marker light grommet
15	26010162	2	Side marker light amber

AR - As Required

NS - Not Shown

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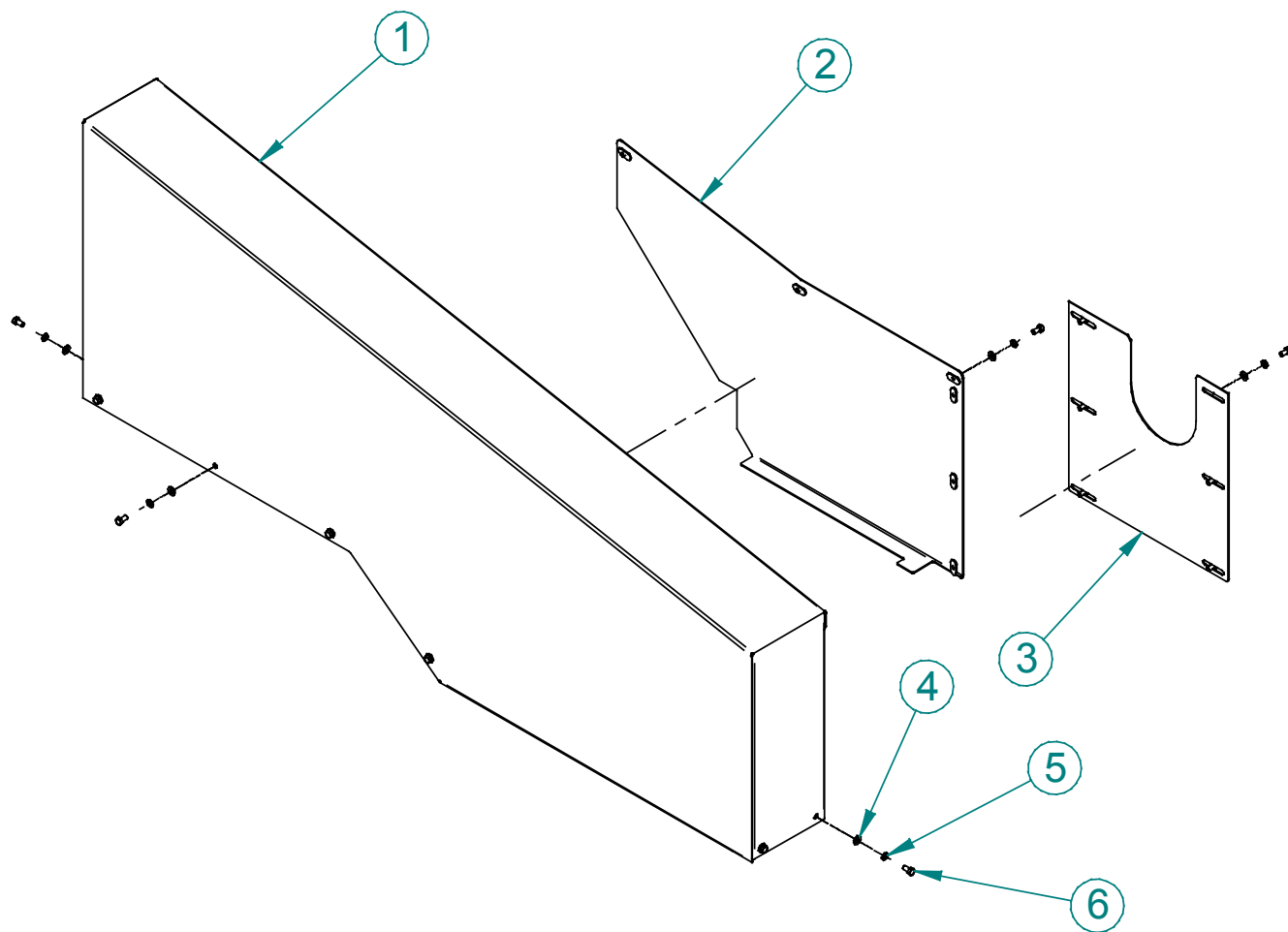
Fender (driver side)

ITEM	PART NO.	QTY	DESCRIPTION
--	41026418	1	Drivers side fender
1	40103418	1	Drivers side fender tandum
2	24650323	12	1/2" Flat washer
3	24600206	4	3/8" Lock washer
4	24800108	4	1/2"-13 Lock nut
5	24702312	4	1/2"-13 x 2 Bolt
6	24702308	4	1/2"-13 x 1 1/2" Bolt
7	24650230	18	3/8" Flat washer
8	24801107	11	3/8"-16 Lock nut
9	26001080	1	26 Gal water tank
10	30460418	2	Tank mount
11	24650206	4	3/8" Flat washer
12	24402209	4	3/8"-16 x 1 1/2" Bolt
13	30566418	1	Fender light mount
14	26010163	2	Side marker light grommet
15	26010167	2	Side marker light red
16	24402205	4	3/8"-16 x 1" Bolt
17	26010415	1	Licence plate mount / light
18	24710400	2	#8-32 x 3/4" Machine screw
19	24650100	2	#8 Flat washer
20	24801100	2	#8-32 Nylock nut
21	25501045	1	14" x 12" x 3/8" Thick mud flap
22	30582418	1	Mud flap mounting bar
23	24402207	3	3/8"-16 x 1 1/4" Bolt
--	41053080		Water level sensor
24	24710400	4	#8-32 x 3/4" Machine screw
25	40072080	1	Sensor mount plate
26	24650100	4	#8 Flat washer
27	24801100	4	#8 Lock nut
28	30831080	1	Drop tube
29	22000001	1	1/4" npt coupler
30	26050011	1	Sensor

AR - As Required

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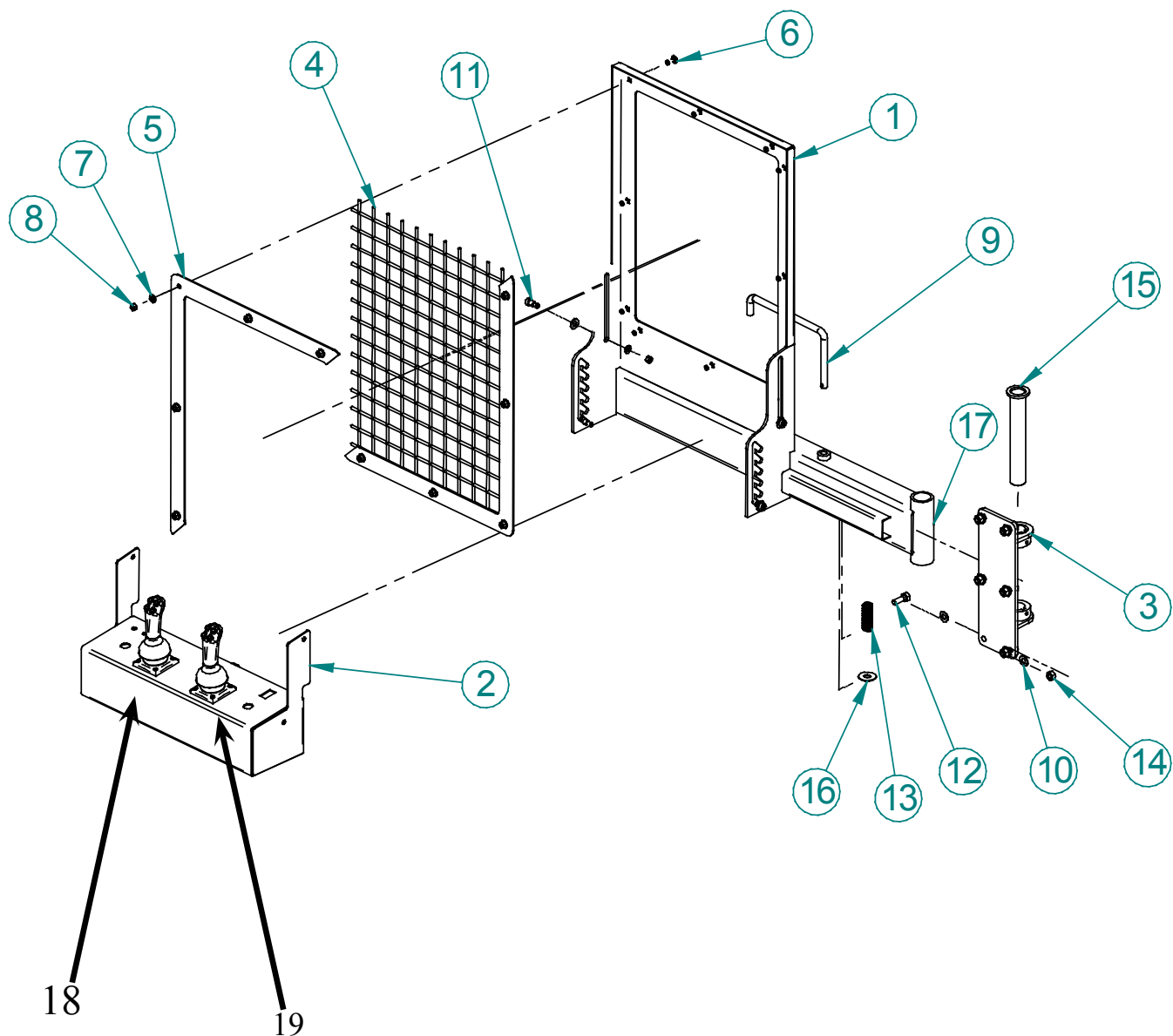
Belt shield

ITEM	PART NO.	QTY	DESCRIPTION
--	41021418	1	Belt shield
1	40115418	1	Tandum axle belt shield
2	40096418	1	Belt shield back
3	30444418	1	Belt shield donut
4	24650106	17	3/8" Flat washer
5	24600206	17	3/8" Lock nut
6	24402203	17	3/8"-16 x 3/4" Bolt

AR - As Required

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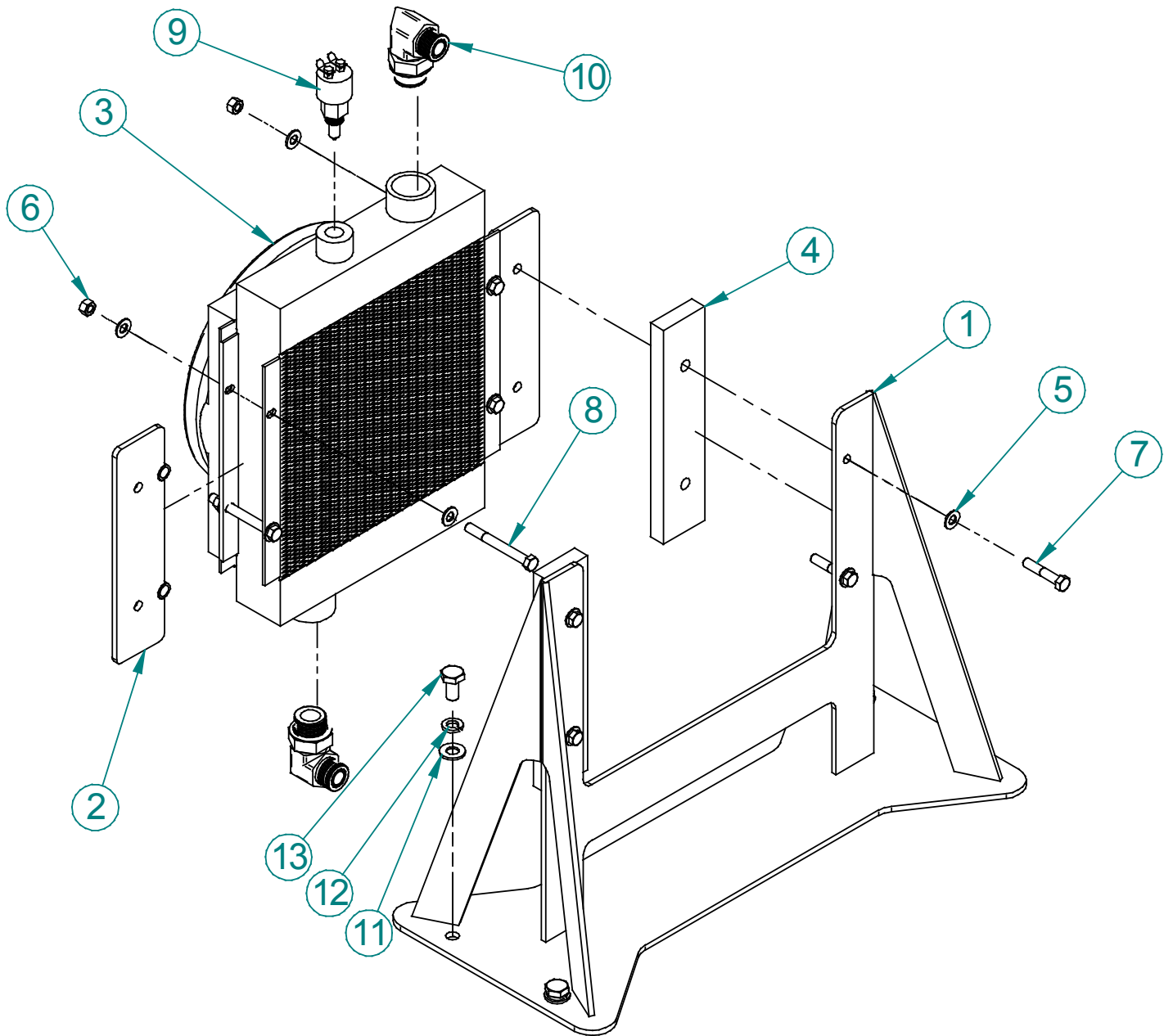


Swing out control

ITEM	PART NO.	QTY	DESCRIPTION
--	41029418	1	Swing out control arm assembly
1	40121418	1	Swing out control arm
2	40122418	1	Control box
3	40014310	1	Swing out pivot
4	30503418	1	Swing out screen
5	30515418	2	Screen mount
6	24710290	10	3/8" x 1" Carriage bolt
7	24650106	12	3/8" Flat washer
8	24801107	12	3/8"-16 Lock nut
9	30521418	1	Lock arm
10	24650232	16	1/2" Flat washer
11	25000007	4	1/2" x 3/8" Stripper bolt
12	24702308	6	1/2"-13 x 1 1/2"Bolt
13	19500024	1	Spring
14	24801108	6	1/2"-13 Lock nut
15	40030310	1	Pivot pin
16	24650110	1	5/8" Flat washer
17	24020120	1	1/8" Grease zerk
18	22001770	1	Left hand joy stick
19	22001771	1	Right hand joy stick

AR - As Required

NS - Not Shown



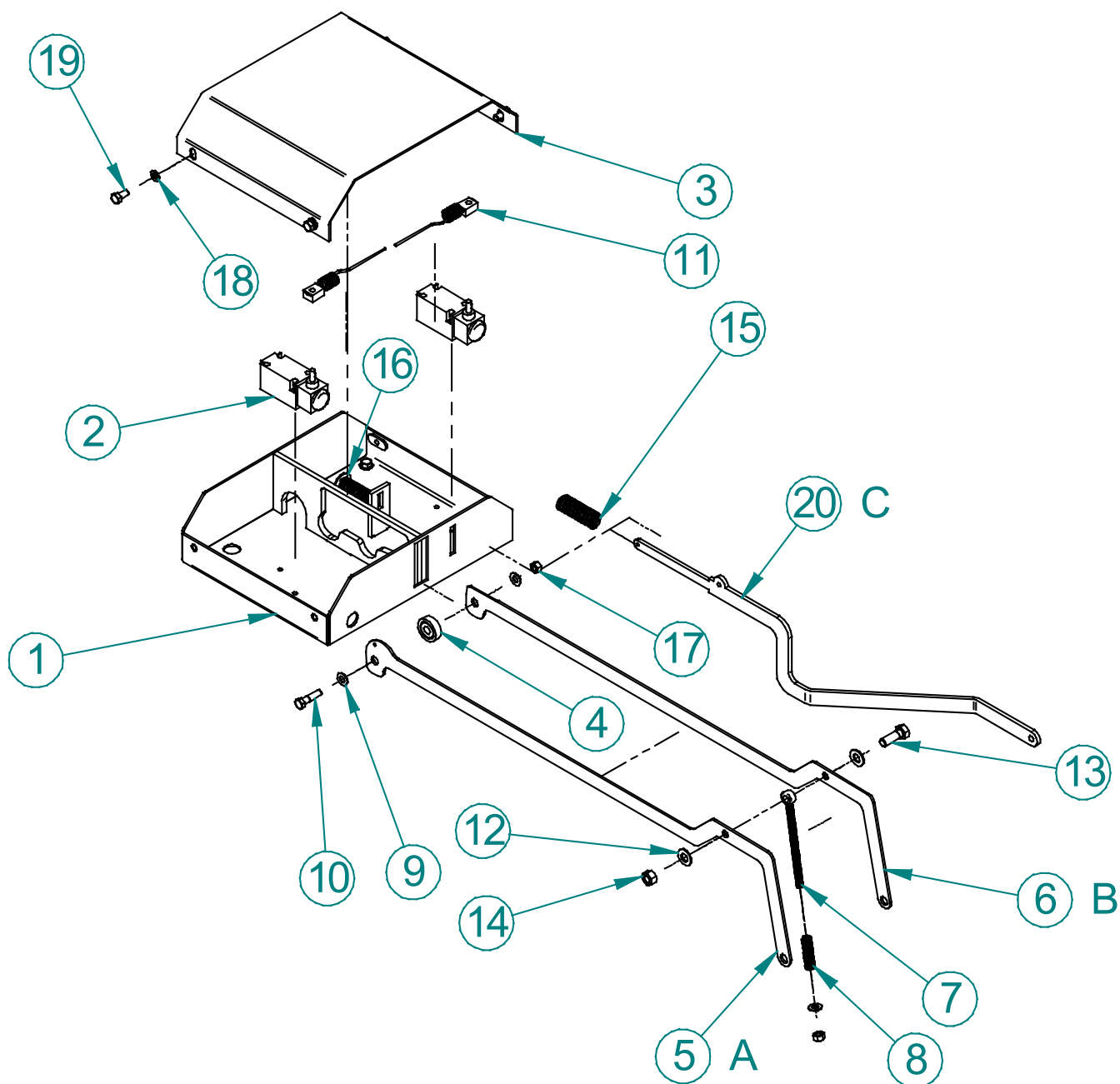
Oil cooler

ITEM	PART NO.	QTY	DESCRIPTION
--	41047080	1	Oil cooler
1	40065080	1	Oil cooler mount
2	40019080	2	Oil cooler mount spacer
3	27045710	1	Oil cooler with fan
4	30409335	2	Oil cooler mounting rubber
5	24650230	16	3/8" Flat washer
6	24801107	8	3/8"-16 Lock nut
7	24402213	4	3/8"-16 x 2 Bolt
8	24402223	4	3/8"-16 x 3 1/2" Bolt
9	22045717	1	Temp sensor (140 deg)
10	22001244	2	12-16 90 O-ring to FS
11	24650232	4	1/2" Flat washer
12	24600208	4	1/2" Lock washer
13	24702304	4	1/2"-13 x 1" Bolt

AR - As Required

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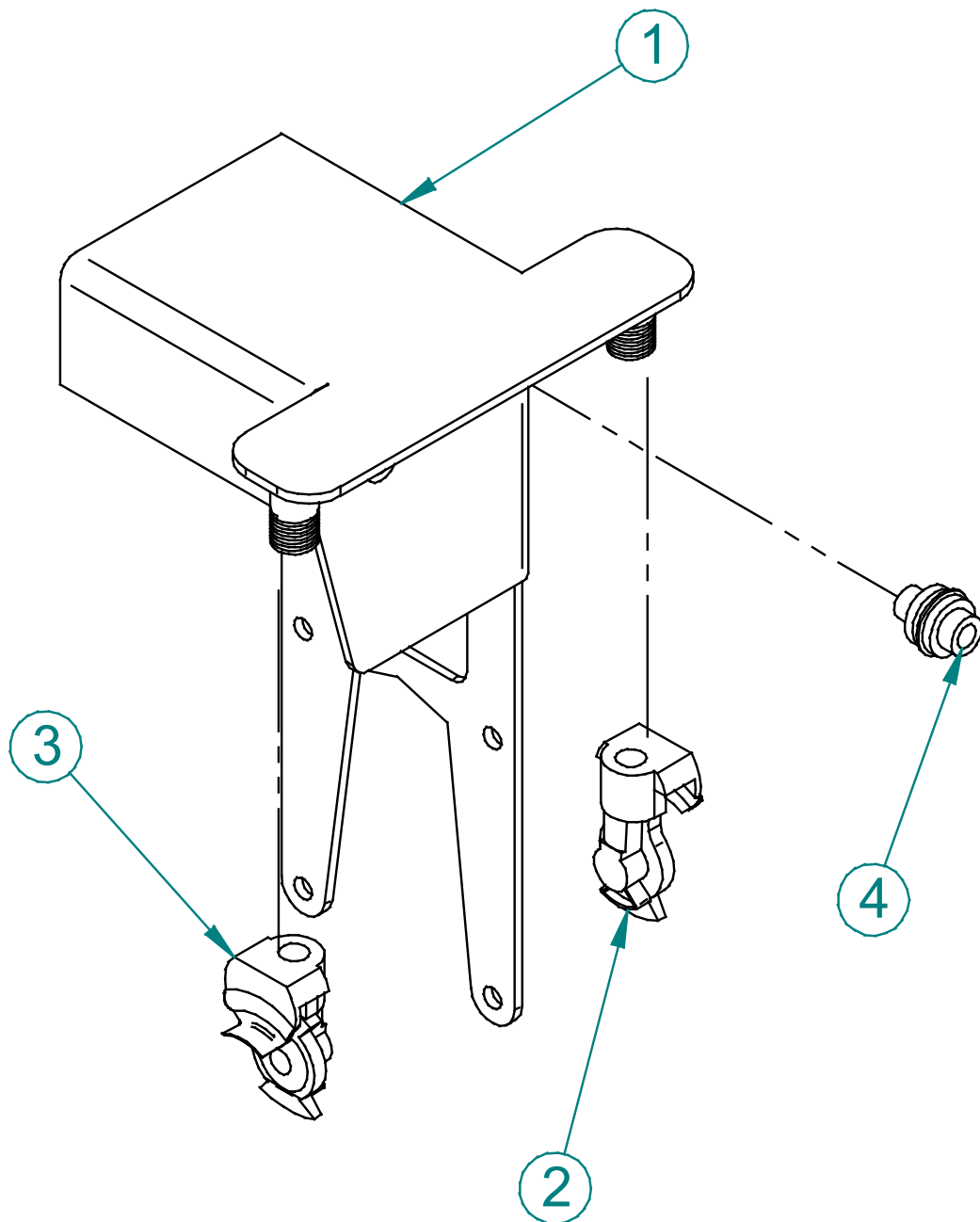
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ITEM	PART NO.	QTY	DESCRIPTION
--	41017418	1	Detent box
1	40021313	1	Detent box weldment
2	26053040	2	Detent switch
3	30256730	1	Box top cover
4	21015015	1	Bearing
5	30384418	1	Linkage for a loader machine
6	30383418	1	Linkage for a loader machine
7	24413230	1	3/8" x 6" Eye bolt
8	19500032	1	Spring
9	24650230	3	3/8" Flat washer
10	24402209	1	3/8"-16 x 1 1/2" Bolt
11	26053045	2	Switch lever
12	24650232	2	1/2" Flat washer
13	24702308	1	1/2"-13 x 1 1/2" Bolt
14	24801108	1	1/2"-13 Lock nut
15	19500026	2	Spring
16	24650234	1	5/8" Flat washer
17	24801107	2	3/8"-16 Lock nut
18	24600206	4	3/8" Lock washer
19	24402203	4	3/8"-16 x 3/4" Bolt
20	30385418	1	Yoke lift linkage

For the detent on the winch machine they use these linkages

A	30160104	1	Safety bar linkage
B	30161104	1	Safety bar linkage
C	30290418	1	Yoke control arm linkage



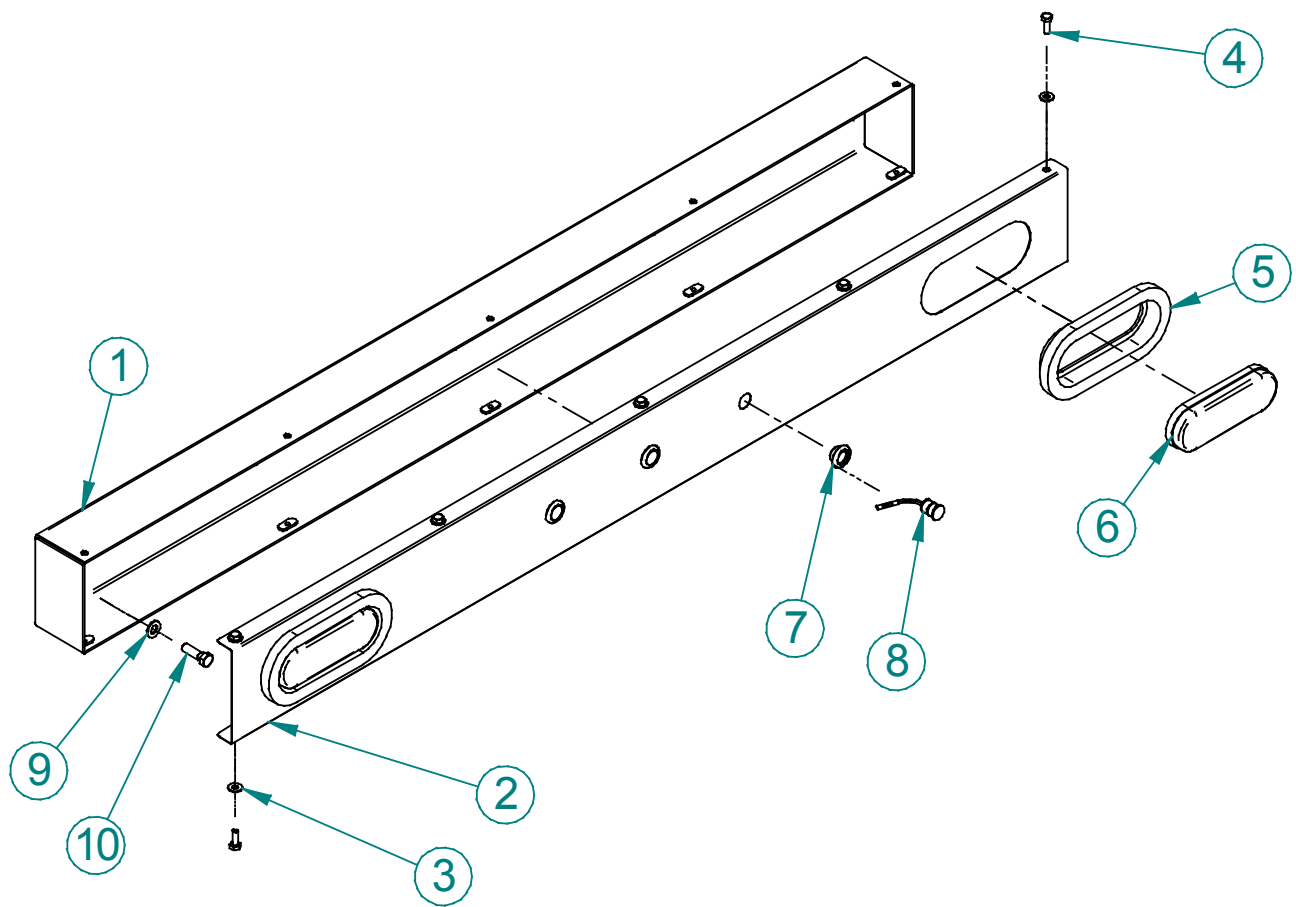
Glad hand mount

ITEM	PART NO.	QTY	DESCRIPTION
--	41034418	1	Air line mount plate
1	40129418	1	Glad hand mount and trailer plug mount
2	26108165	1	Service air glad hand
3	26108176	1	Emergency air glad hand
4	26108175	2	Glad hand frame union

AR - As Required

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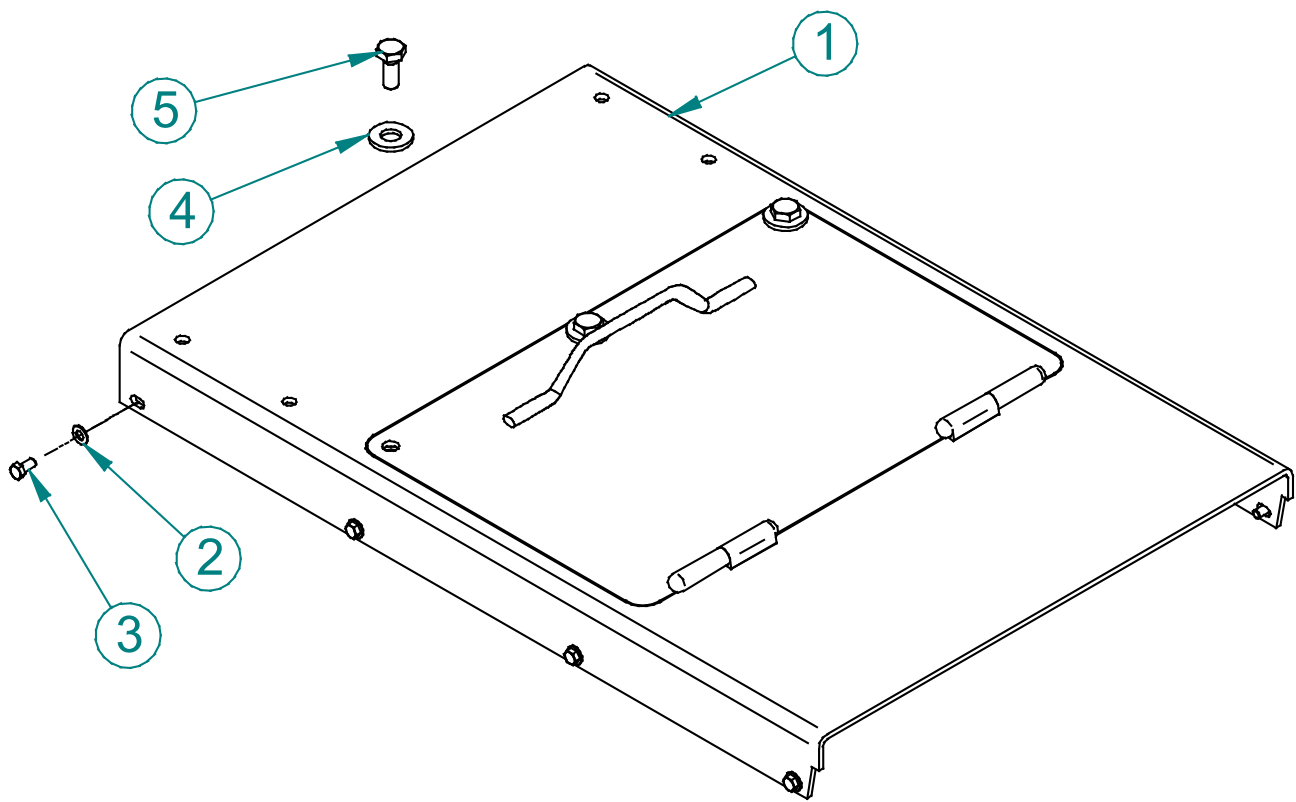


Light bar

ITEM	PART NO.	QTY	DESCRIPTION
--	41036418	1	Light bar
1	40130418	1	Light bar back
2	30562430	1	Light bar cover
3	24650104	10	1/4" Flat washer
4	24402104	10	1/4"-20 x 3/4" Bolt
5	26010143	2	Rubber grommet for taillights
6	26010138	2	Taillight
7	26010135	3	Marker light grommet
8	26010135	3	Red marker light
9	24650230	5	3/8" Flat washer
10	24402207	5	3/8"-16 x 1 1/4" Bolt

AR - As Required

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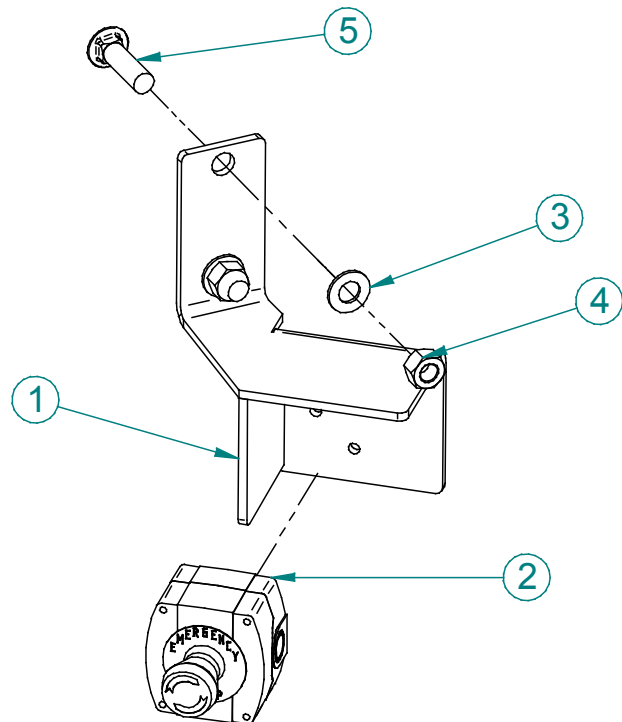
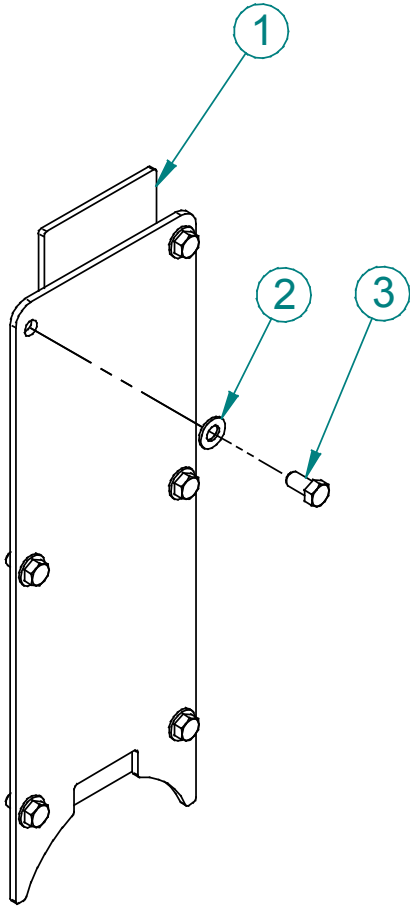


Drum top cover

ITEM	PART NO.	QTY	DESCRIPTION
--	41028418	1	Drum top cover
1	40109418	1	Drum access cover
2	24650106	8	3/8" Flat washer
3	24402203	8	3/8"-16 x 3/4" Bolt
4	24650410	3	5/8" Flat washer (thick)
5	24702407	3	5/8"-11 x 1 1/2" Bolt

AR - As Required

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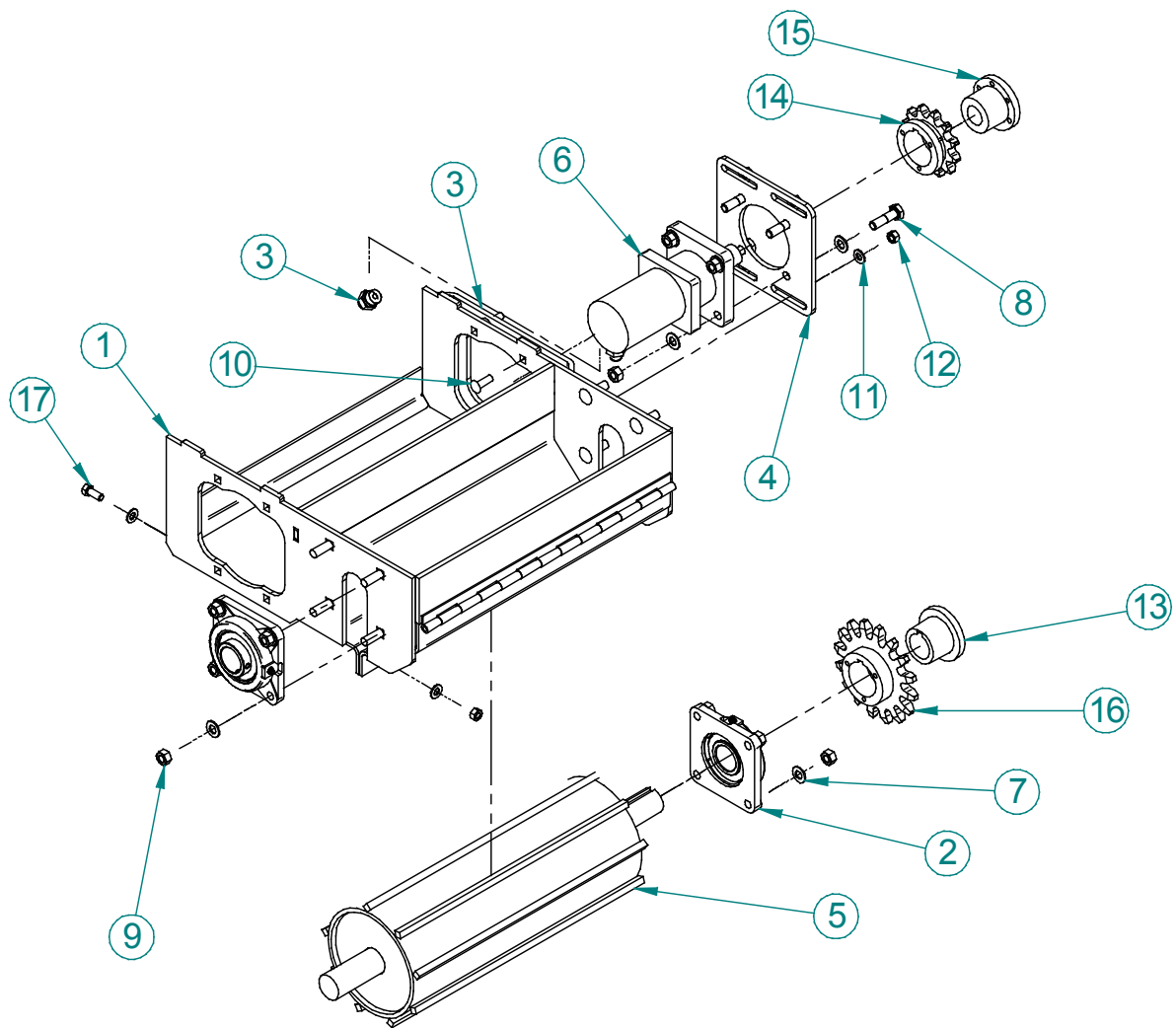
Drum side covers / E-stop

ITEM	PART NO.	QTY	DESCRIPTION
--	41023313	2	Drum side covers
1	40031313	1	Drum side covers
2	24650230	6	3/8" Flat washer
3	24402203	6	3/8"-16 x 3/4" Bolt
--	41038418	1	E-stop
1	40131418	1	E-stop mount
2	40126901	1	E-stop assy push button
3	24650234	2	5/8"Flat washer
4	24801110	2	5/8"-11 Lock nut
5	24410012	2	5/8"-11 x 2 1/4 Carriage bolt

AR - As Required

NS - Not Shown

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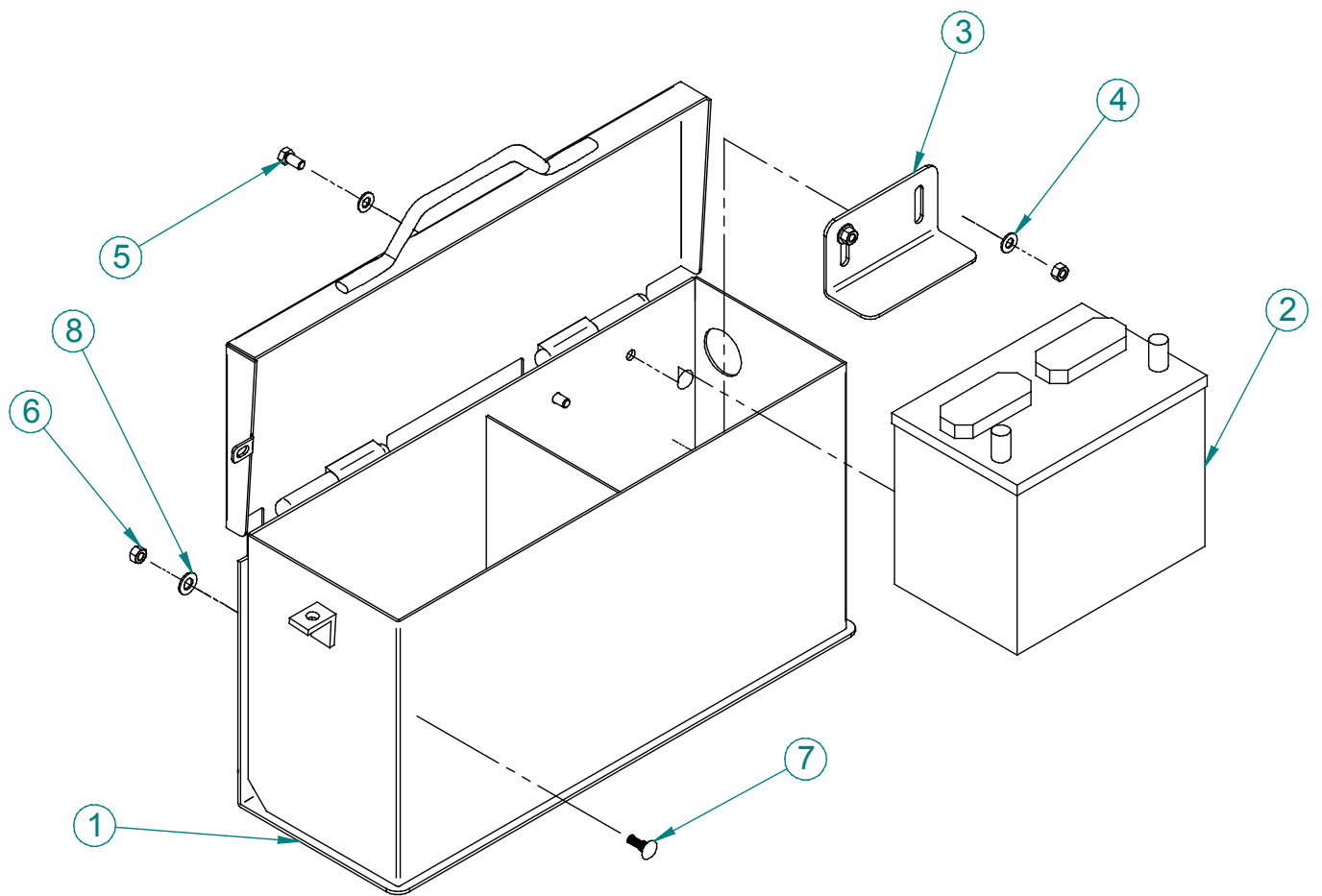
Bottom feed wheel

ITEM	PART NO.	QTY	DESCRIPTION
--	41025100	1	Bottom feed wheel assembly
1	40058100	1	Bottom feed wheel mount
2	21000277	2	Bearing
3	30258418	1	Feed wheel motor spacer
4	30148100	1	Feed wheel motor mount
5	40008100	1	Bottom feed wheel
6	22040121	1	Feed wheel motor
7	24650234	16	5/8" Flat washer
8	24702413	4	5/8"-11 x 2 1/4" Bolt
9	24801110	12	5/8"-11 Lock nut
10	24710305	4	1/2"-13 x 1 1/2" Carriage bolt
11	24650232	10	1/2" Flat washer
12	24801108	7	1/2"-13 Lock nut
13	20006032	1	Bushing
14	20477012	1	Sprocket
15	20006027	1	Bushing
16	20477016	1	Sprocket
17	24702305	3	1/2"-13 x 1 1/4" Bolt
18	22001151	2	8-12 Str O-ring to FS

AR - As Required

NS - Not Shown

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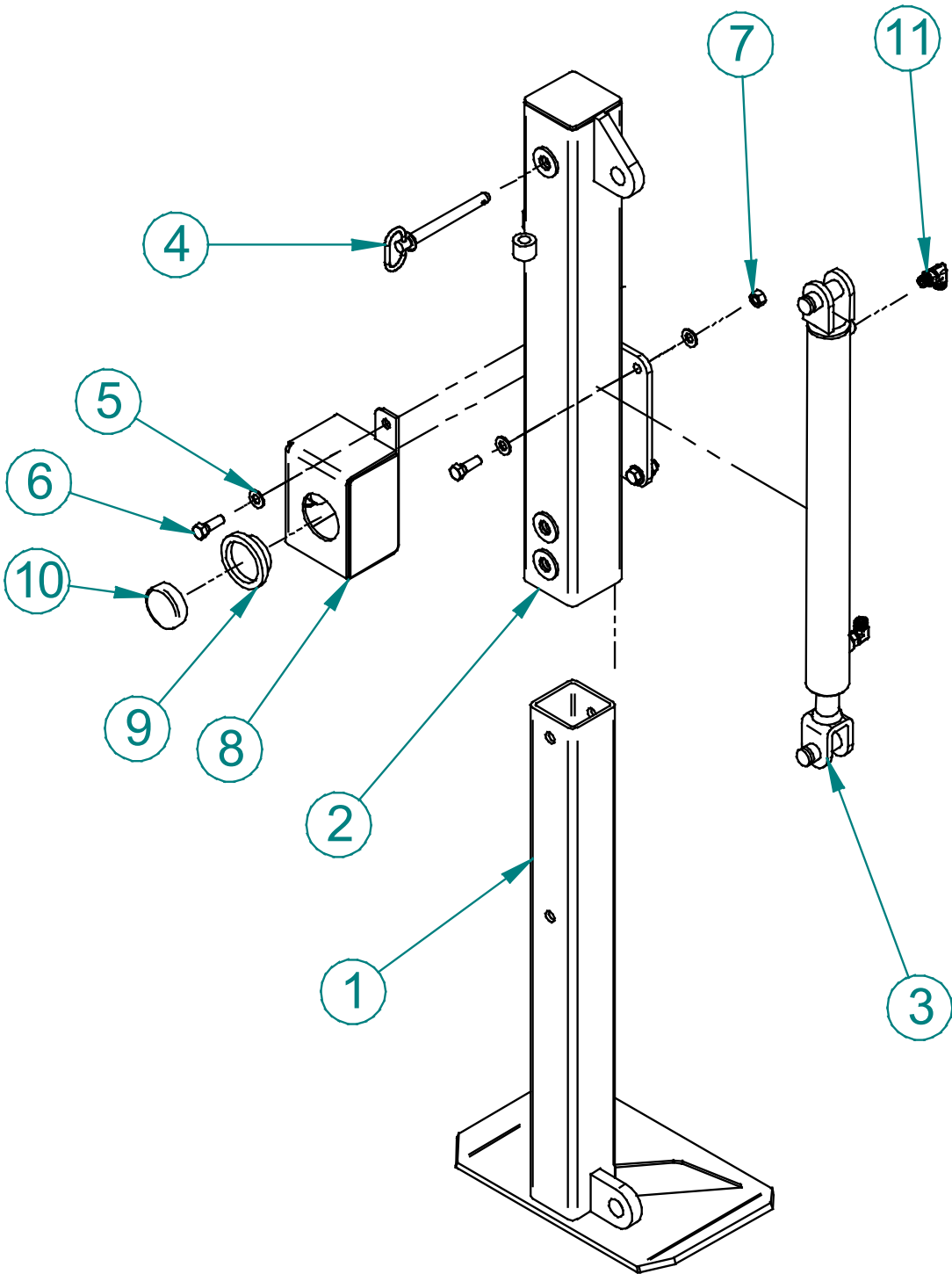
Battery box

ITEM	PART NO.	QTY	DESCRIPTION
--	41039418	1	Battery box
1	40110418	1	Battery box / Tool box
2	26002002	1	Battery
3	30584418	1	Hold down
4	24650230	4	3/8" Flat washer
5	24402203	2	3/8"-16 x 3/4" Bolt
6	24801107	6	3/8" Lock nut
7	24710290	4	3/8"-16 x 1" Carriage bolt
8	24650231	4	7/16" Flat washer

AR - As Required

NS - Not Shown

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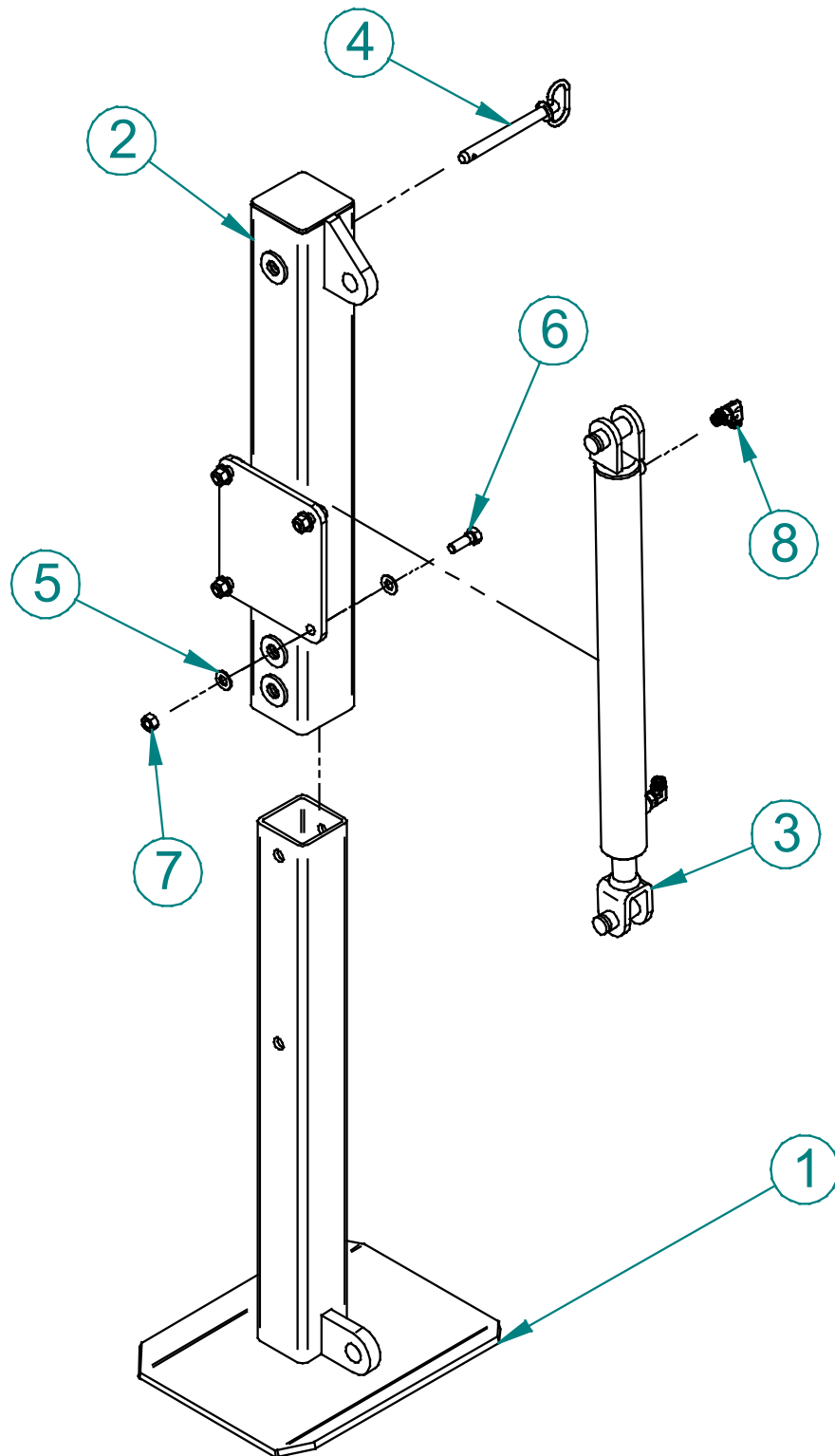
Jack (rear belt shield side)

ITEM	PART NO.	QTY	DESCRIPTION
--	41018418	1	Belt shield side jack
1	40108418	1	Jack bottom leg
2	40107418	1	Jack top
3	22050020	1	Cylinder
4	25610169	1	Hitch pin
5	24650232	8	1/2" Flat washer
6	24702308	4	1/2"-13 x 1 1/2" Bolt
7	24801108	4	1/2"-13 Lock nut
8	40132418	1	Jack Light mount
9	26010163	2	Side marker light grommet
10	26010167	2	Side marker light red
11	22001235	2	6-6 90 O-ring to FS

AR - As Required

NS - Not Shown

Woodsman

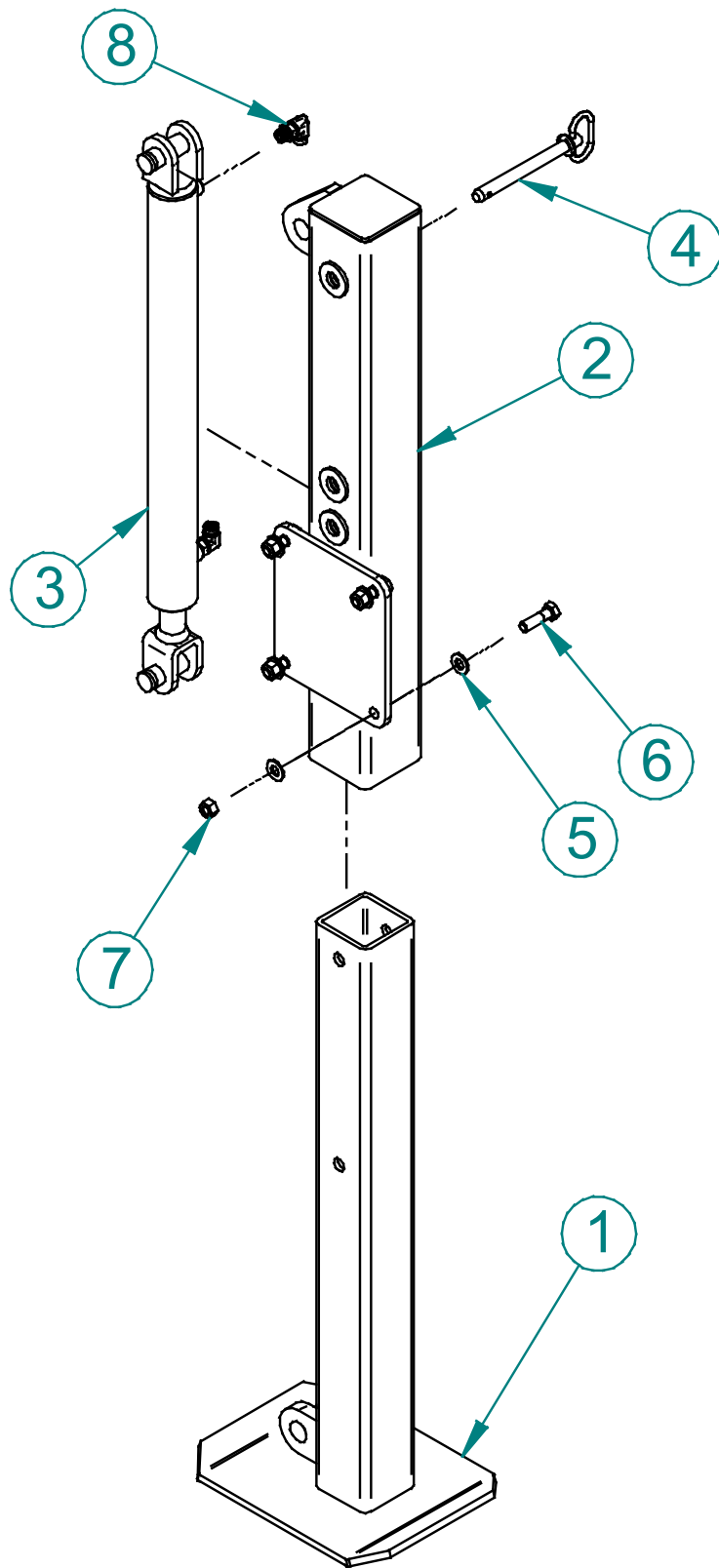


Jack (rear tank side)

ITEM	PART NO.	QTY	DESCRIPTION
--	41019418	1	Fuel tank side jack
1	40111418	1	Jack bottom leg
2	40126418	1	Jack top
3	22051220	1	Cylinder
4	25610169	1	Hitch pin
5	24650232	8	1/2" Flat washer
6	24702308	4	1/2"-13 x 1 1/2" Bolt
7	24801108	4	1/2"-13 Lock nut
8	22001235	2	6-6 90 O-ring to FS

AR - As Required

NS - Not Shown

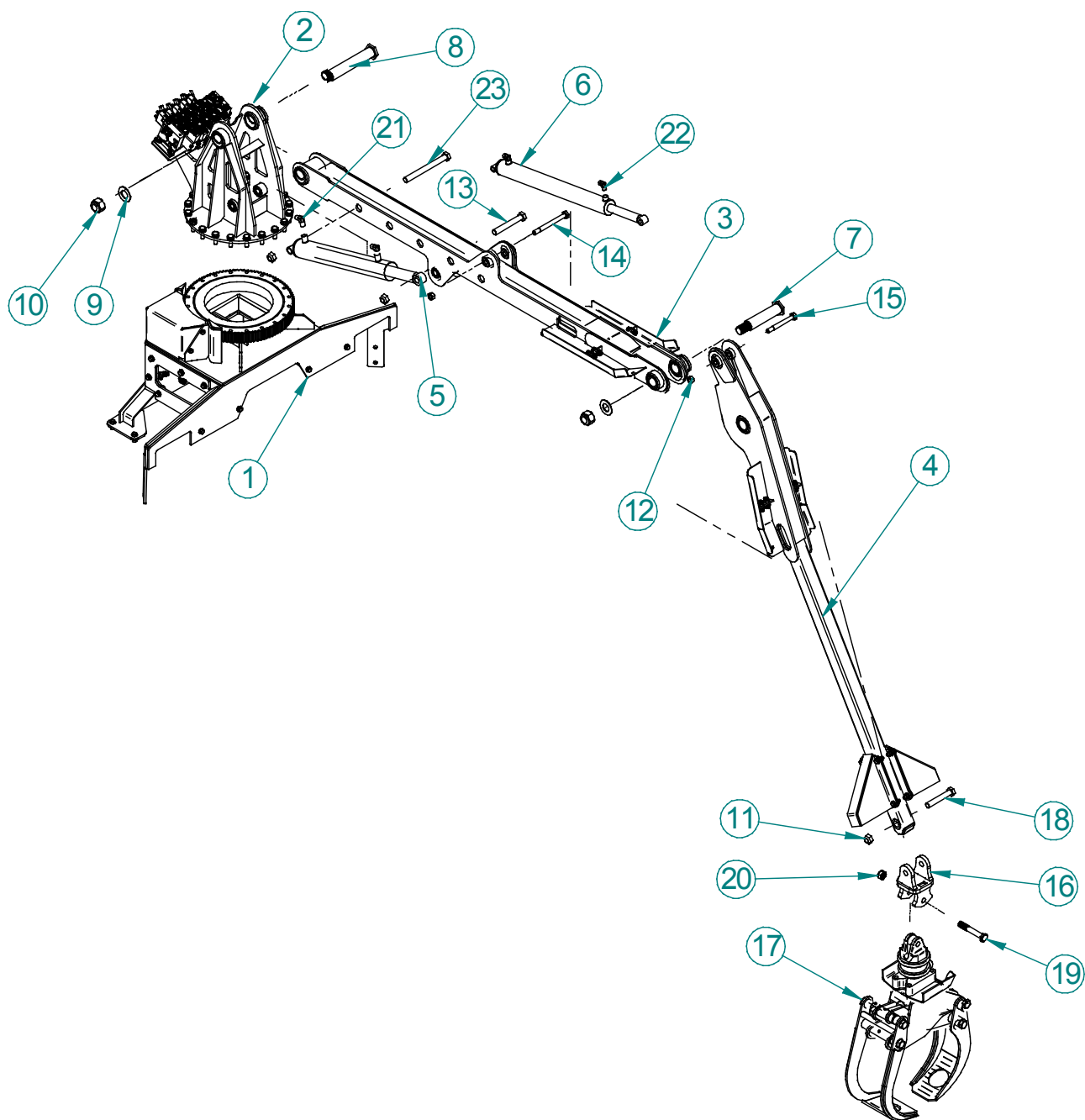


Jack (front)

ITEM	PART NO.	QTY	DESCRIPTION
--	41122424	1	Front jack
1	40067418	1	Jack bottom leg
2	40159424	1	Jack top
3	22050020	1	Cylinder
4	25610169	1	Hitch pin
5	24650232	8	1/2" Flat washer
6	24702310	4	1/2"-13 x 1 3/4" Bolt
7	24801108	4	1/2"-13 Lock nut
8	22001235	2	6-6 90 O-ring to FS

AR - As Required

NS - Not Shown



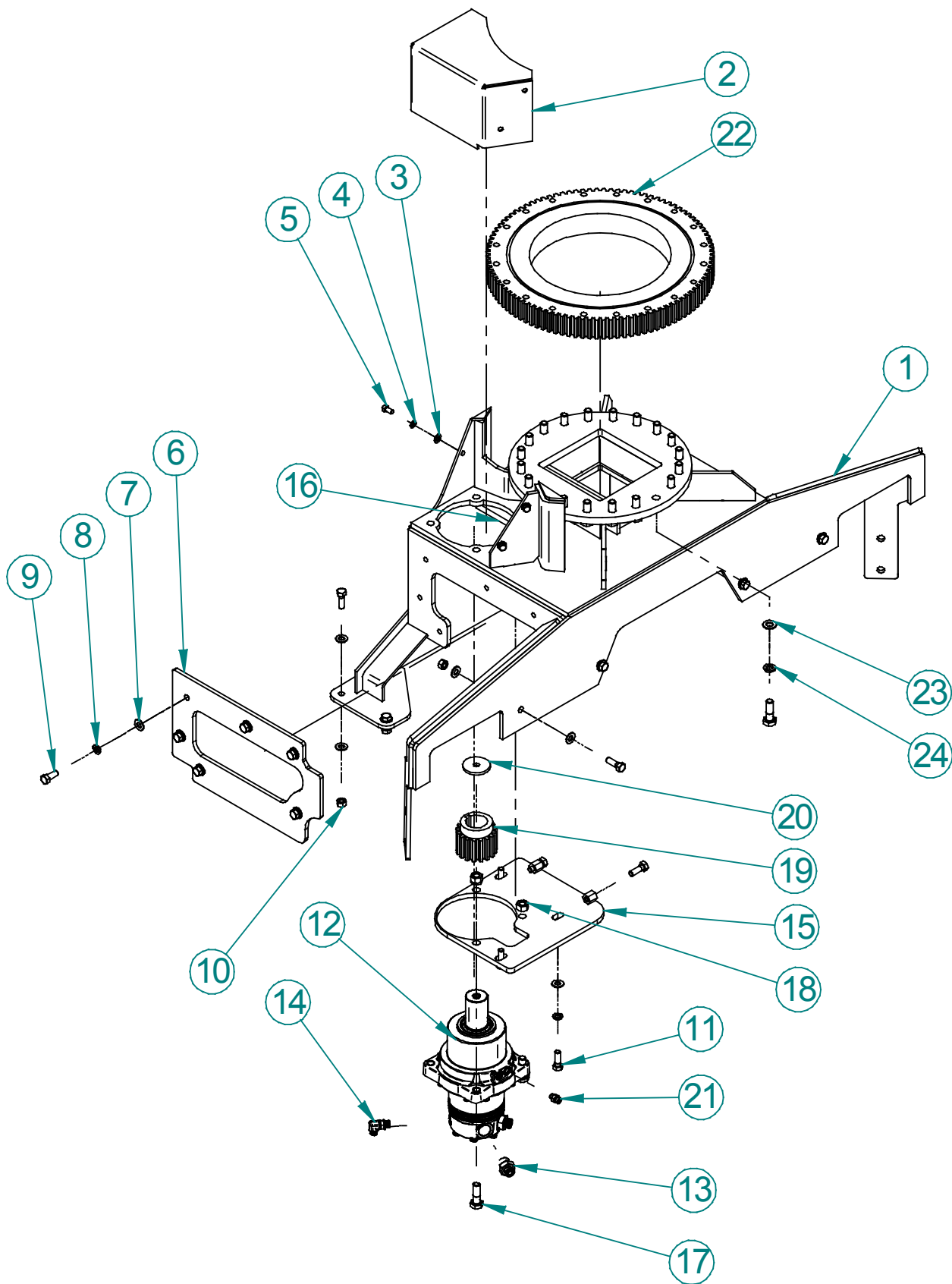
Complete Loader

ITEM	PART NO.	QTY	DESCRIPTION
--	41010109	1	Loader
1	41011109	1	Loader base
2	41012109	1	Loader pedestal
3	41012109	1	Main boom
4	41014109	1	Jib boom
5	22050198	1	Main boom cylinder
6	22052229	1	Jib Boom cylinder
7	40012109	1	Jib boom pin
8	40013109	1	Main boom pin
9	24650219	2	1 1/2" Flat washer
10	24800246	2	1 1/2"-6 Lock nut
11	24801116	3	1"-8 Lock nut
12	24801112	2	3/4"-10 Lock nut
13	24702552	1	1"-8 x 7" Bolt
14	24702492	1	3/4"-10 x 8" Bolt
15	24702489	1	3/4"-10 x 6 1/2" Bolt
16	40027109	1	Link set
17	41000150	1	Grapple
18	24702511	1	1"-8 x 6" Bolt
19	24715260	1	M 24 x 3 x150 Metric Bolt
20	24715270	1	M 24 x 3 Nylon nut
21	22001215	2	8-8 90 deg Fitting
22	22001218	2	8-6 90 deg Fitting
23	24702565	1	1"-8 x 10 1/2" Bolt

AR - As Required

NS - Not Shown

Woodsman



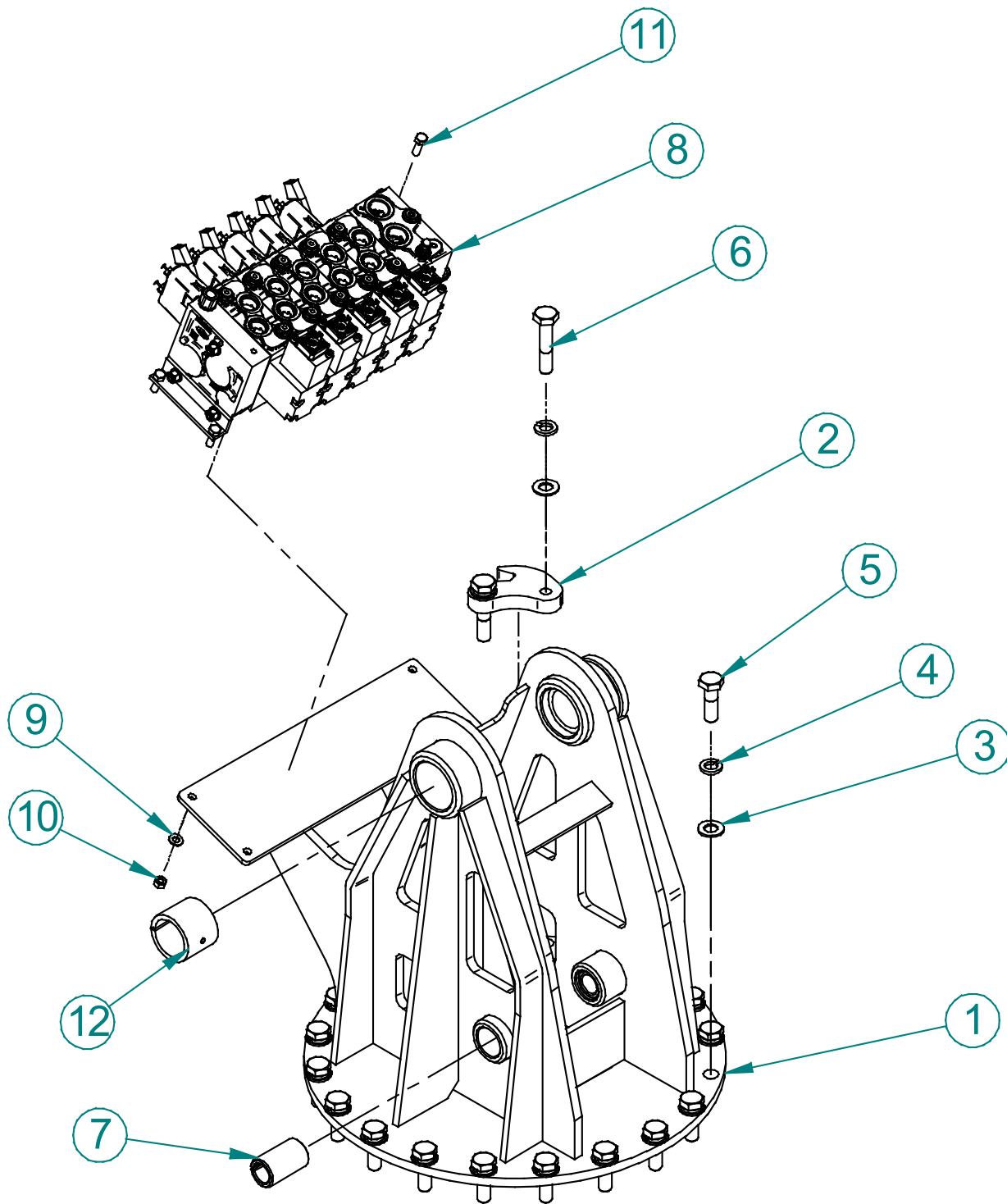
Loader base

ITEM	PART NO.	QTY	DESCRIPTION
--	41011109	1	Loader base
1	40024109	1	Loader base weldment
2	30171109	1	Loader turn motor cover
3	24650230	3	3/8" Flat washer
4	24600206	3	3/8" Lock washer
5	24402203	3	3/8"-16 x 3/4" Bolt
6	30166109	1	Motor access hole cover
7	24650232	29	1/2" Flat washer
8	24600208	9	1/2" Lock washer
9	24702305	6	1/2"-13 x 1 1/4" Bolt
10	24801108	10	1/2-13 Lock nut
11	24702308	15	1/2"-13 x 1 1/2" Bolt
12	22040123	1	Turn motor
13	22001151	2	8-12 Str Fitting
14	22001229	1	4-6 90 deg Fitting
15	40028109	1	Motor mount
16	30169109	1	Motor adjustment plate
17	24702411	23	5/8"-11 x 2" Bolt
18	24801110	3	5/8"-11 Lock nut
19	30035901	1	Spur gear
20	30117171	1	Spur gear washer
21	22001230	1	4-4 Str Fitting
22	21500002	1	Turn table bearing
23	24650234	20	5/8" Flat washer
24	24600209	21	5/8" Lock washer

AR - As Required

NS - Not Shown

Woodsman



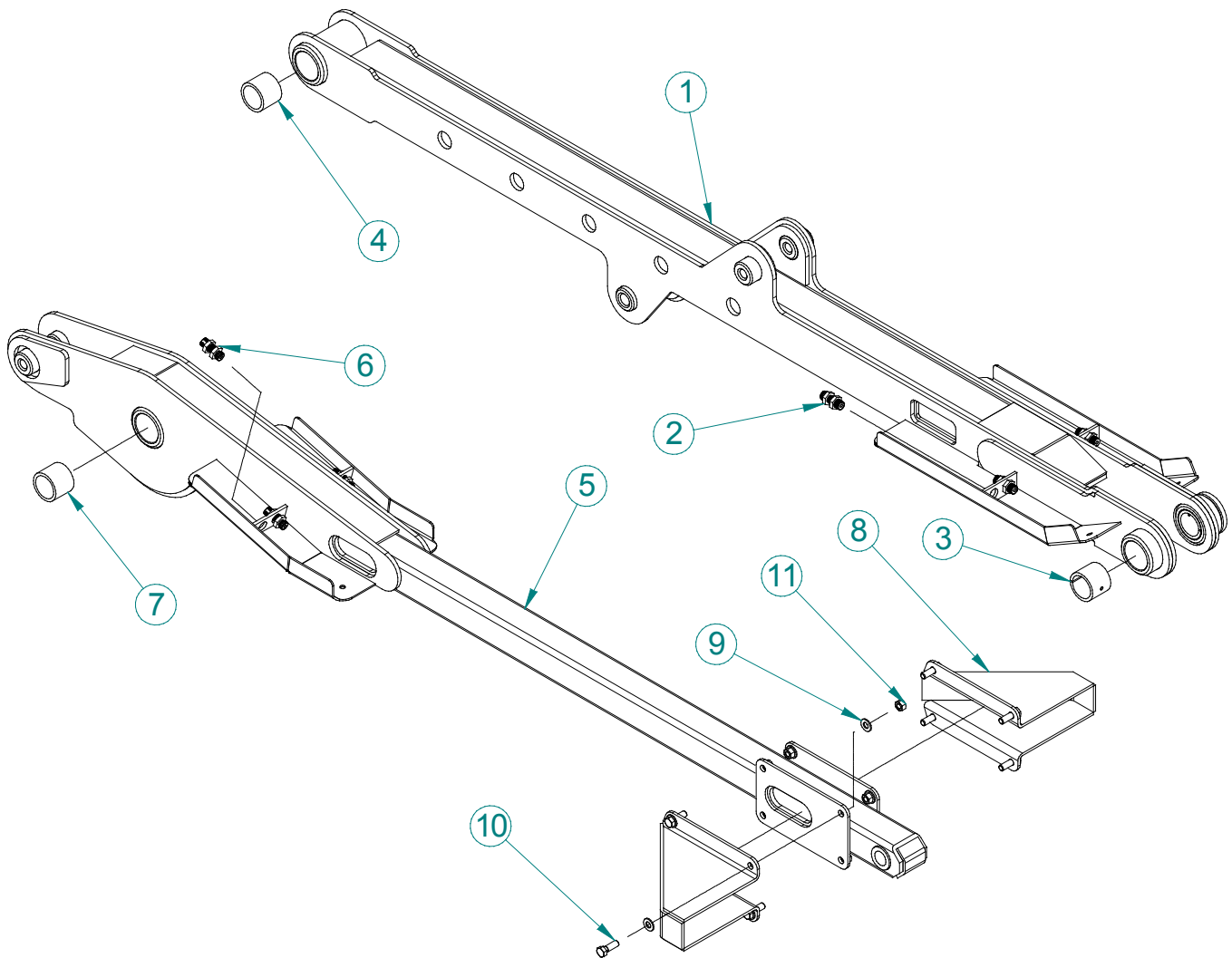
Loader Pedestal

ITEM	PART NO.	QTY	DESCRIPTION
--	41012109	1	Loader pedestal
1	40025109	1	Pedestal weldment
2	30140109	1	Swing stop
3	24650234	20	5/8" Flat washer
4	24600209	20	5/8" Lock washer
5	24702411	18	5/8"-11 x 2" Bolt
6	24702419	2	5/8"-11 x 3" Bolt
7	21004029	2	Split steel bushing
8	22016118	1	Loader valve
9	24650105	4	5/16" Flat washer
10	24801106	4	5/16"-18 lock nut
11	24702185	4	5/16"-18 x 1 1/2" Bolt
12	21004043	2	Split steel bushing

AR - As Required

NS - Not Shown

Woodsman



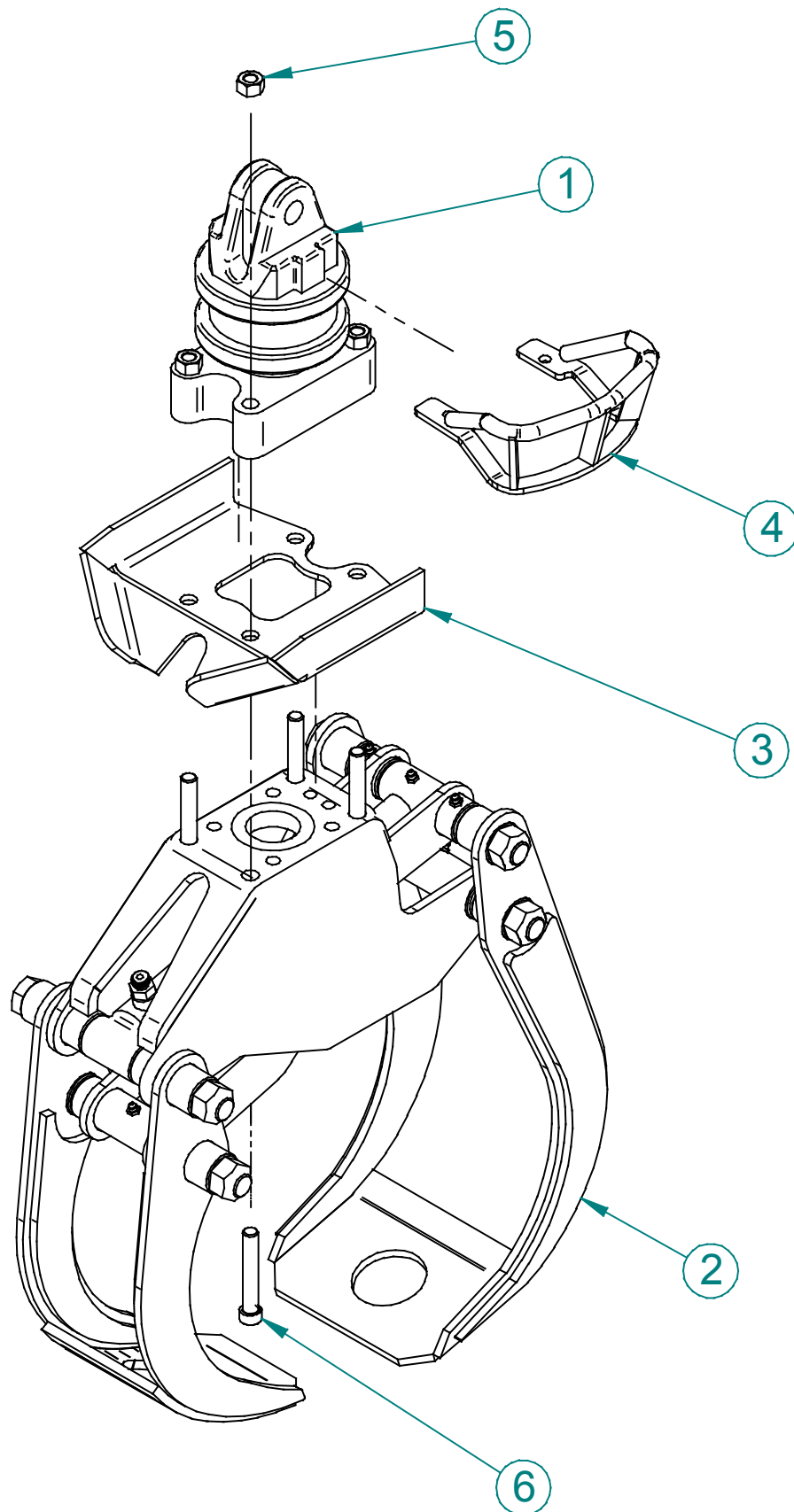
Main Boom / Jib Boom

ITEM	PART NO.	QTY	DESCRIPTION
--	41013109	1	Main boom
1	40021109	1	Main boom weldment
2	22001011	4	#6 Bulkhead fitting
3	21004043	2	Split steel bushing
4	20041210	2	Fiber bushing
--	41014109	1	Jib boom
5	40022109	1	Jib boom weldmant
6	22001011	4	#6 Bulkhead Fitting
7	20041210	2	Fiber bushing
8	40026109	2	Hose guard
9	24650232	16	1/2" Flat washer
10	24702308	8	1/2"-13 x 1 1/2" Bolt
11	24801108	8	1/2"-13 Lock nut

AR - As Required

NS - Not Shown

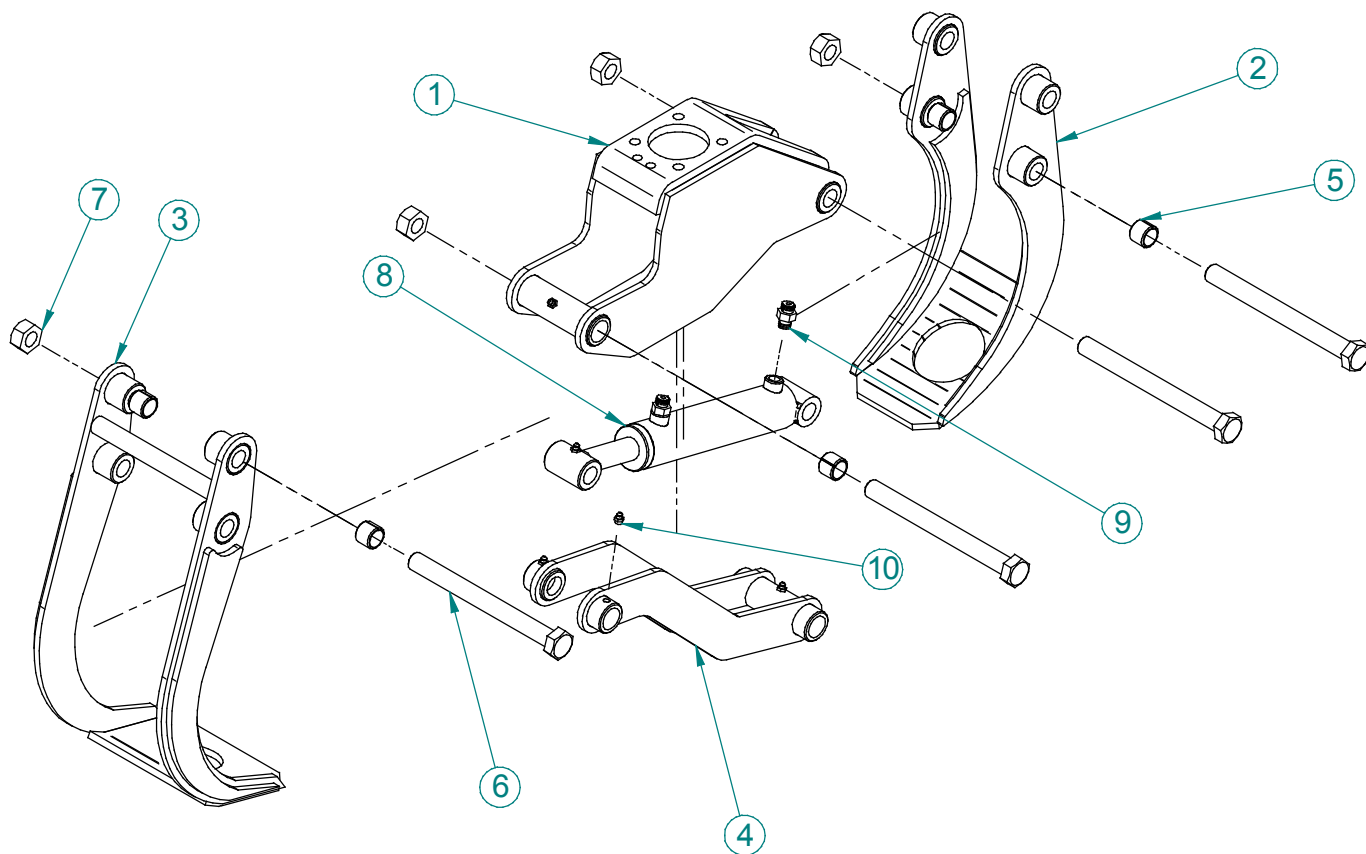
Woodsman



ITEM	PART NO.	QTY	DESCRIPTION
--	41000150	1	Grapple
1	22070030	1	Gv3 Rotator
2	22070060	1	Grapple assembly
3	40139418	1	Grapple hose guard
4	40127418	1	Gv3 Hose guard
5	24801110	4	5/8"-11 Lock nut
6	24715392	4	5/8"-11 x 3 3/4 Bolt

AR - As Required

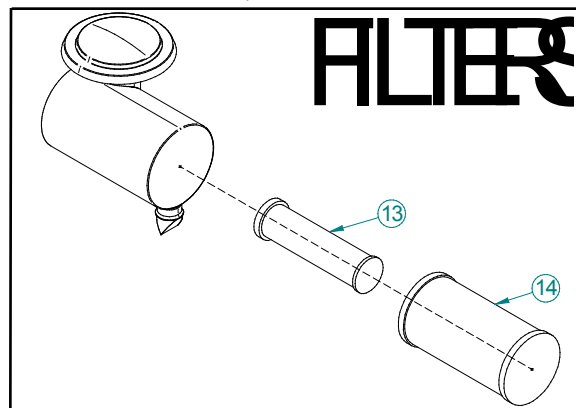
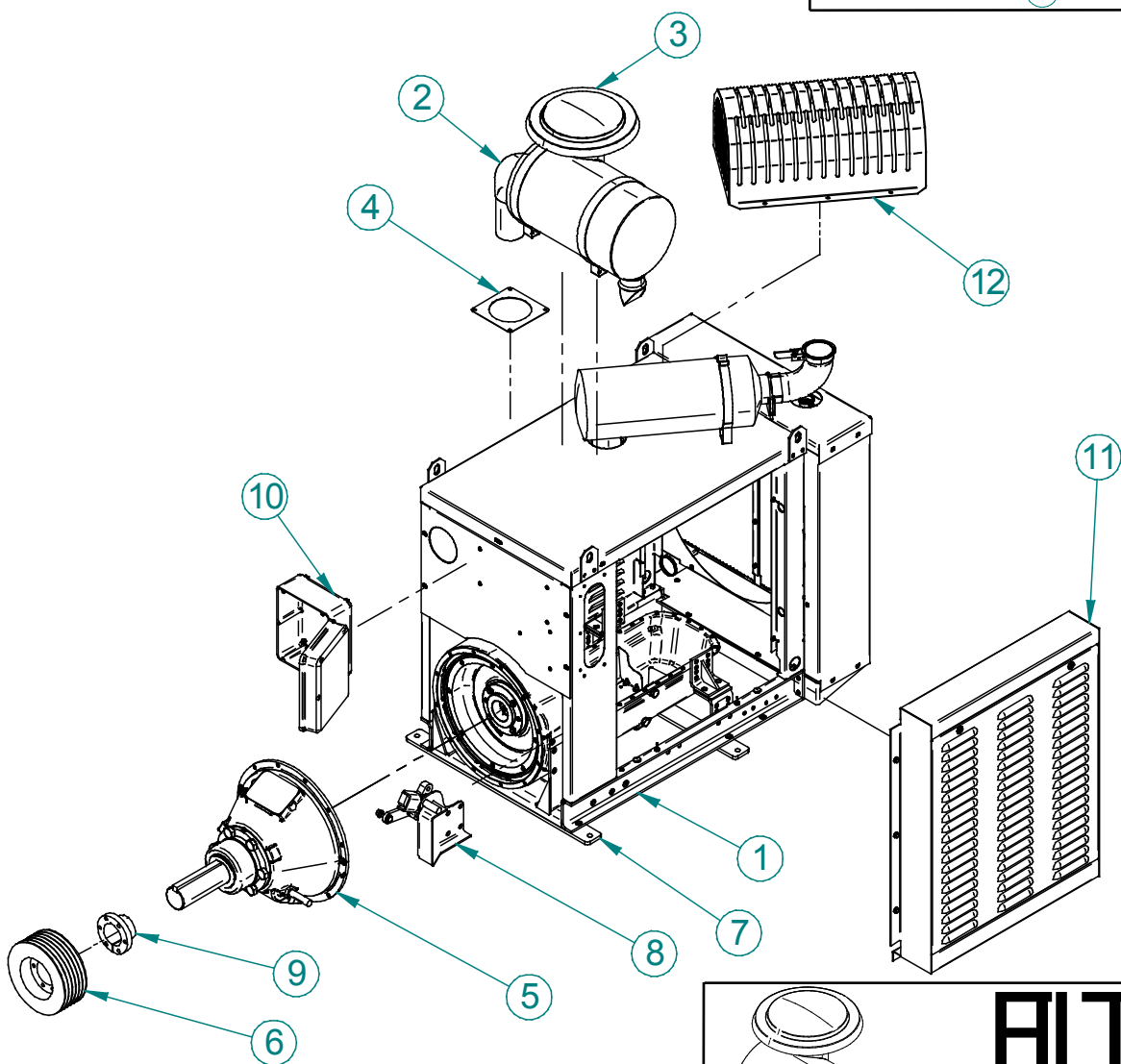
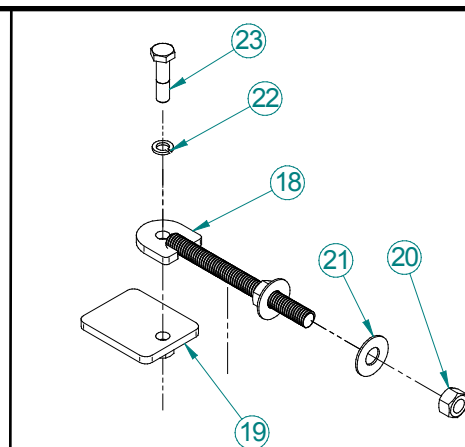
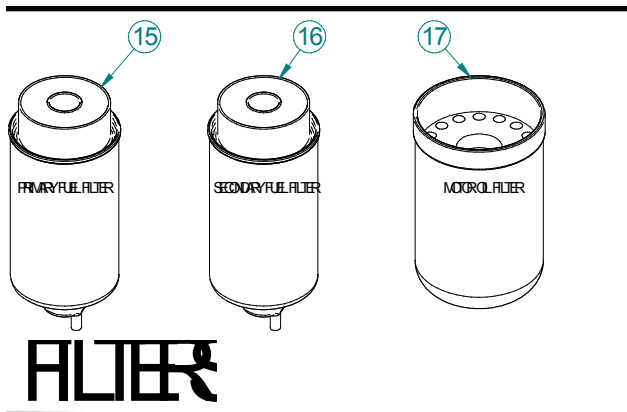
NS - Not Shown



ITEM	PART NO.	QTY	DESCRIPTION
--	41070060	1	Grapple
1	40014150	1	Grapple center
2	40012150	1	Grapple inner arm
3	40011150	1	Grapple outer arm
4	40013150	1	Grapple adjustment arm
5	21004030	6	Split steel bushing
6	24702565	4	1"-8 x 10 1/2" Bolt
7	24801116	4	1"-8 Lock nut
8	22051238	1	Grapple cylinder
9	22001142	2	4-8 Str fitting
10	24020120	5	1/8" Grease zerk

AR - As Required

NS - Not Shown



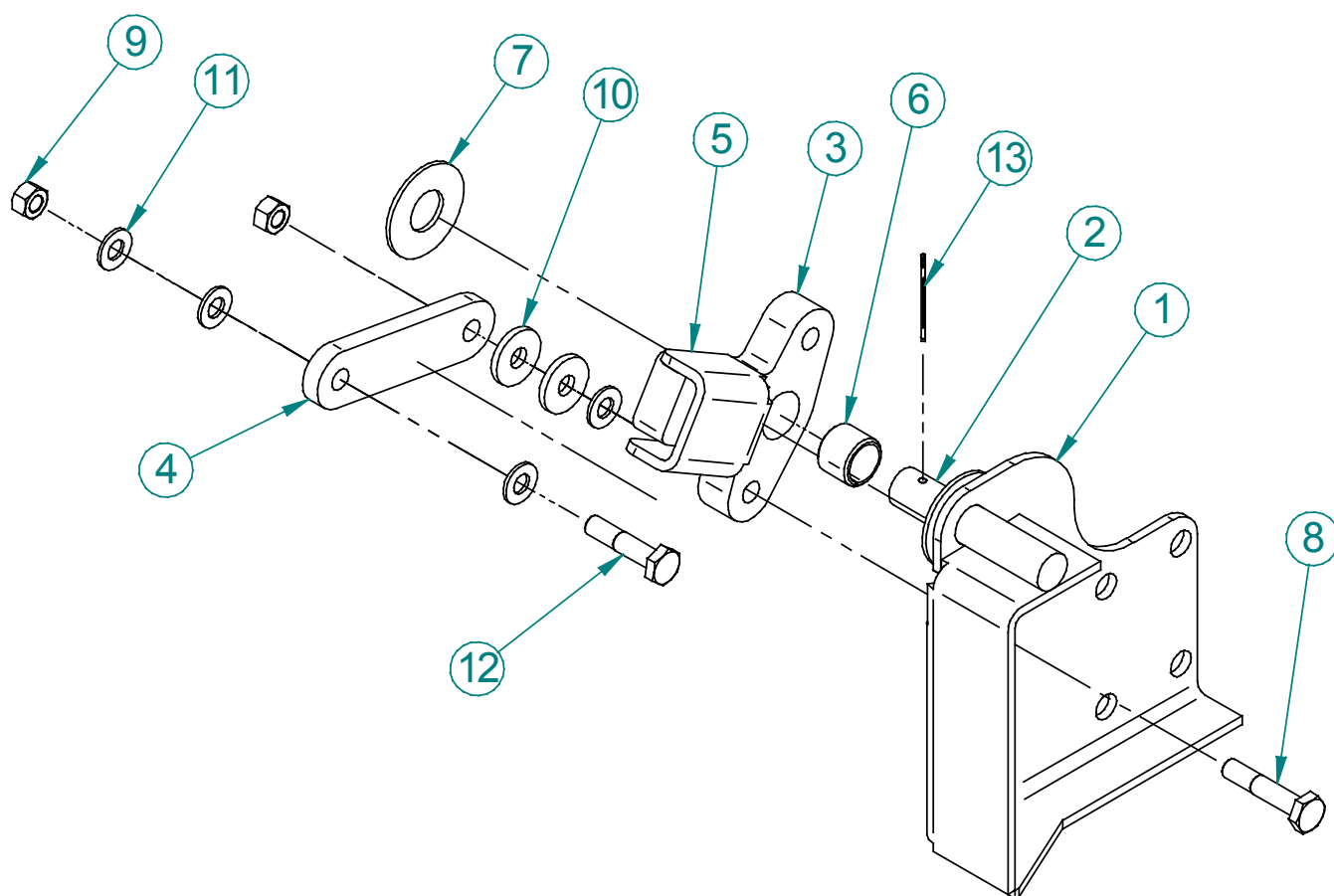
Power Plant

ITEM	PART NO.	QTY	DESCRIPTION
--	27100058	1	Power plant
1	27100058	1	250 HP John Deere
2	-----	1	Air cleaner mounts
3	-----	1	Air cleaner
4	30060107	1	Air cleaner hole cover
5	27000720	1	Clutch
6	20349113	1	Sheave
7	30461418	2	Engine rails
8	41004107	1	Clutch engagement setup
9	20026056	1	Bushing
10	40129901	1	Electrical box (40130901 winch box)
11	41041418	1	Louver door extension
12	40014107	1	Muffler cover
13	27026313	1	Primary air filter
14	27026314	1	Secondary air filter
15	27026315	1	Primary fuel filter
16	27026316	1	Secondary fuel filter
17	27026317	1	Motor oil filter
18	40123418	2	Puller bolt
19	40140418	4	Engine nut
20	24800232	4	1"-8 Nut
21	24650214	4	1" Washer
22	24600210	4	3/4" Lock washer
23	24702472	2	3/4"-10 x 3" Bolt
24NS	24702466	2	3/4"-10 x 2 1/2" Bolt

AR - As Required

NS - Not Shown

Woodsman



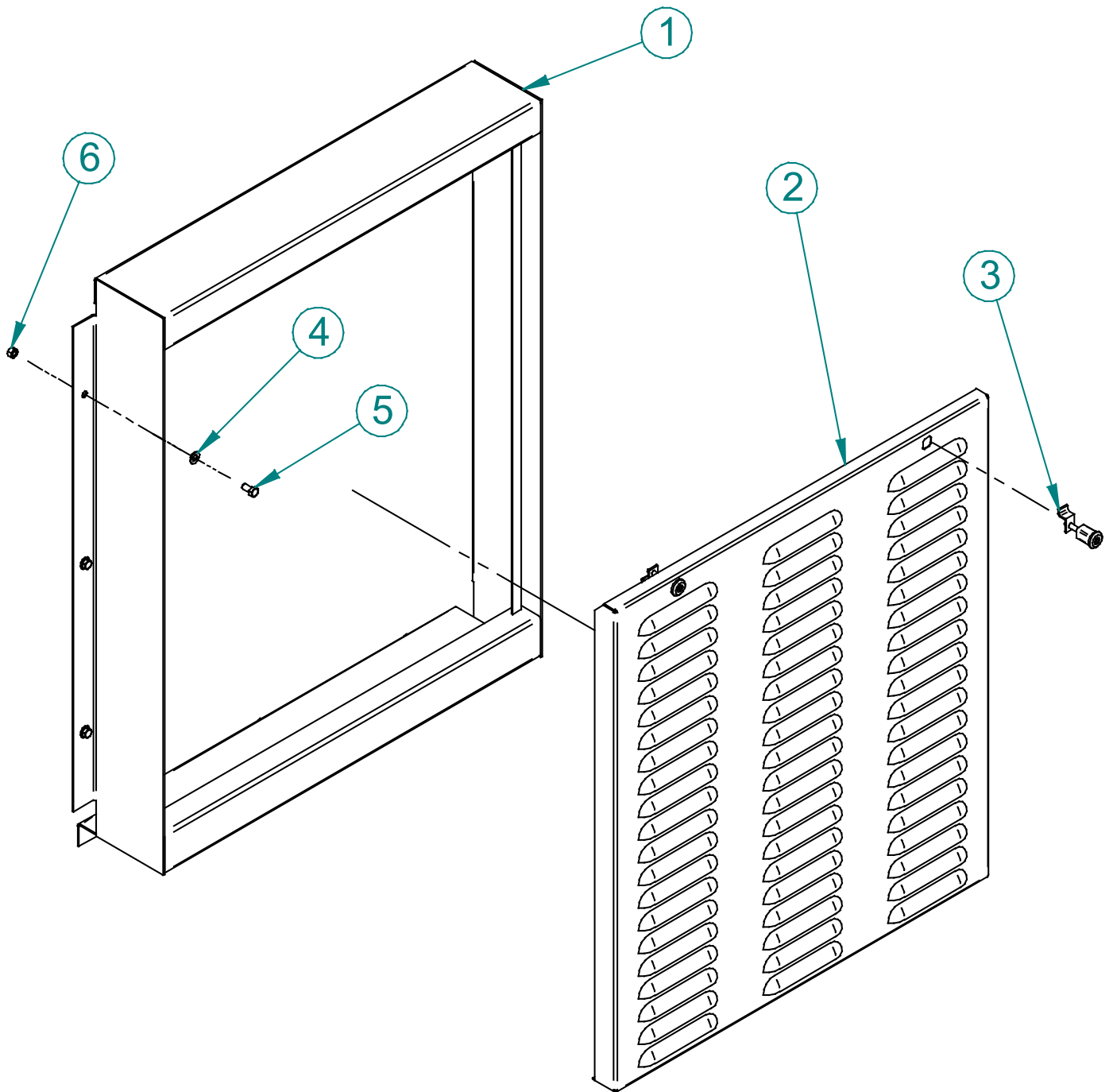
Clutch engagement setup

ITEM	PART NO.	QTY	DESCRIPTION
--	41004107	1	Clutch engagement setup
1	30061107	1	Handle pivot mount
2	30062107	1	Pivot pin
3	30063107	1	Clutch linkage
4	30064107	1	Clutch handle linkage
5	30065107	1	Clutch handle cradle
6	21004030	1	Split steel bushing
7	24650214	2	1" Flat washer
8	24702316	1	1/2"-13 x 2 1/2" Bolt
9	24801108	2	1/2"-13 Lock nut
10	24650450	2	1/2" Thick washer
11	24650232	4	1/2" Washer
12	24702316	1	1/2"-13 x 2 1/4" Bolt
13	24020052	1	Cotter pin

AR - As Required

NS - Not Shown

Woodsman

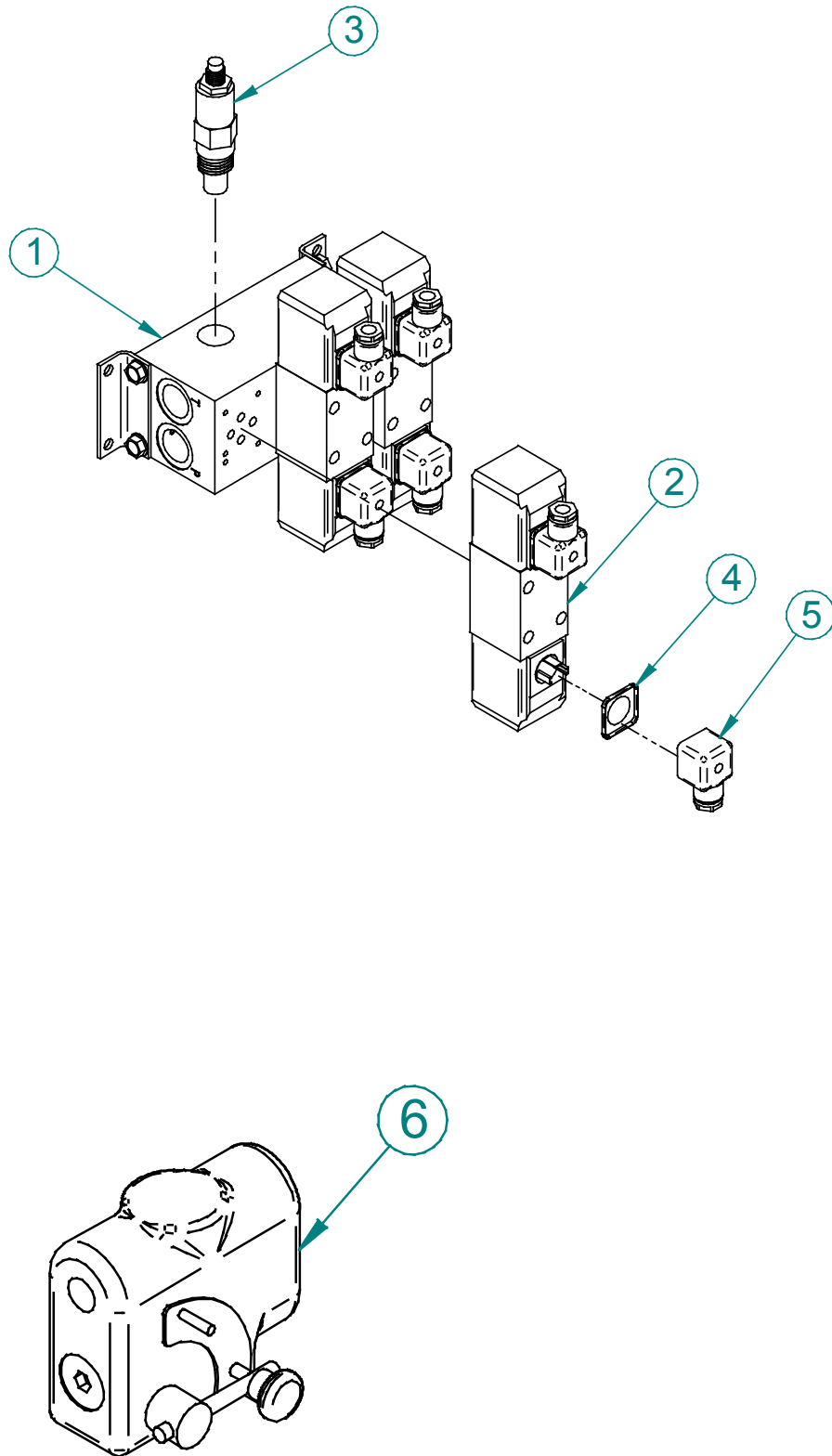


Door Extension

ITEM	PART NO.	QTY	DESCRIPTION
--	41041418	1	Door extension
1	40134418	1	Extension assy
2	30054107	1	Louvered door both sides
3	27002052	2	Door latch
4	24650230	12	3/8" Washer
5	24402203	12	3/8"-16 x 3/4" Bolt
6	24801107	12	3/8" Lock nut

AR - As Required

NS - Not Shown

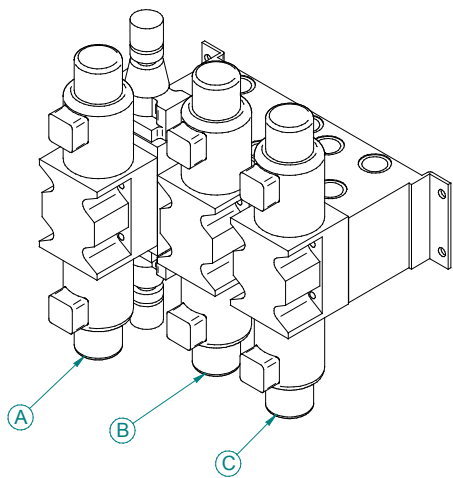


Valves

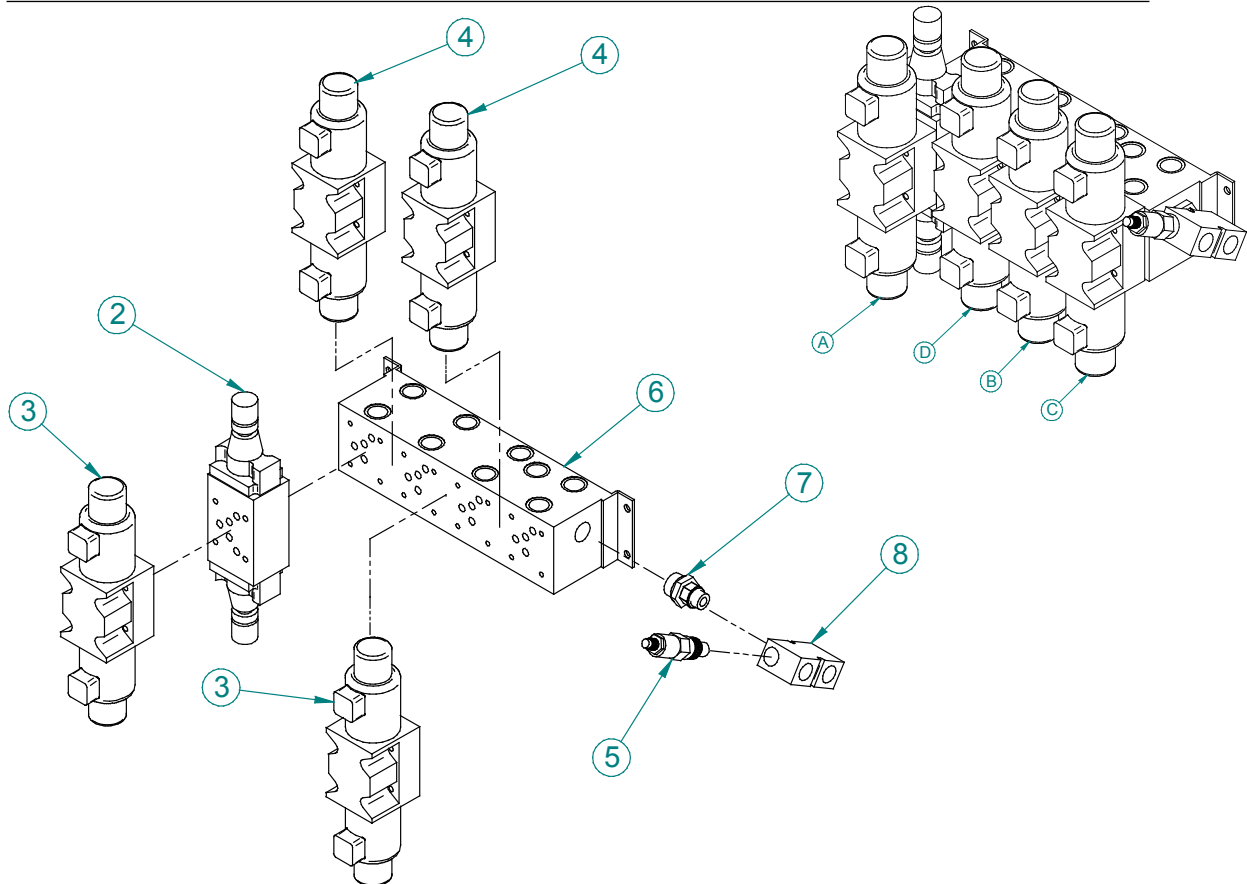
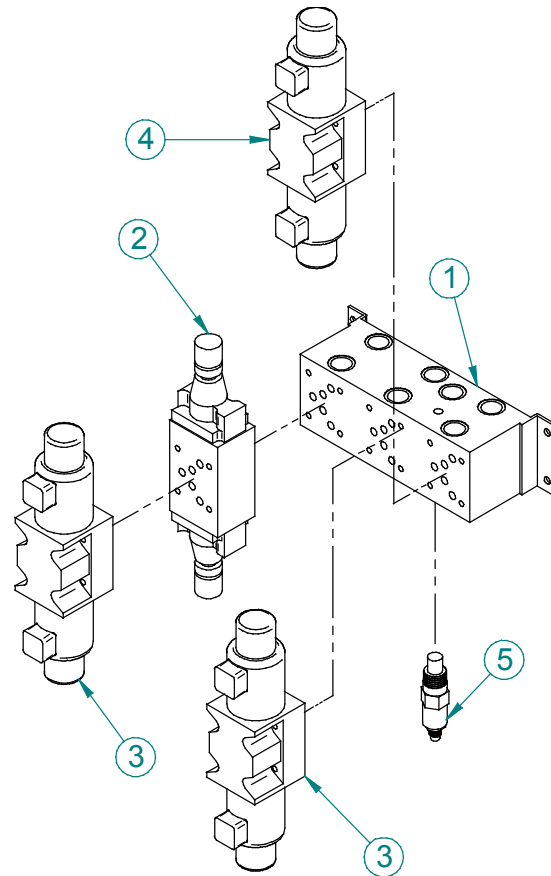
ITEM	PART NO.	QTY	DESCRIPTION
1	20015033	1	3 Section valve block for DO3 valves
2	22015037	3	DO3 valve
3	22002003	1	Relief cartridge
4	22015062	6	Hershman rubber gasket
5	22015050	6	Hershman connector
6	22050216	1	Flow control

AR - As Required

NS - Not Shown



LOADER DO5 VALVE



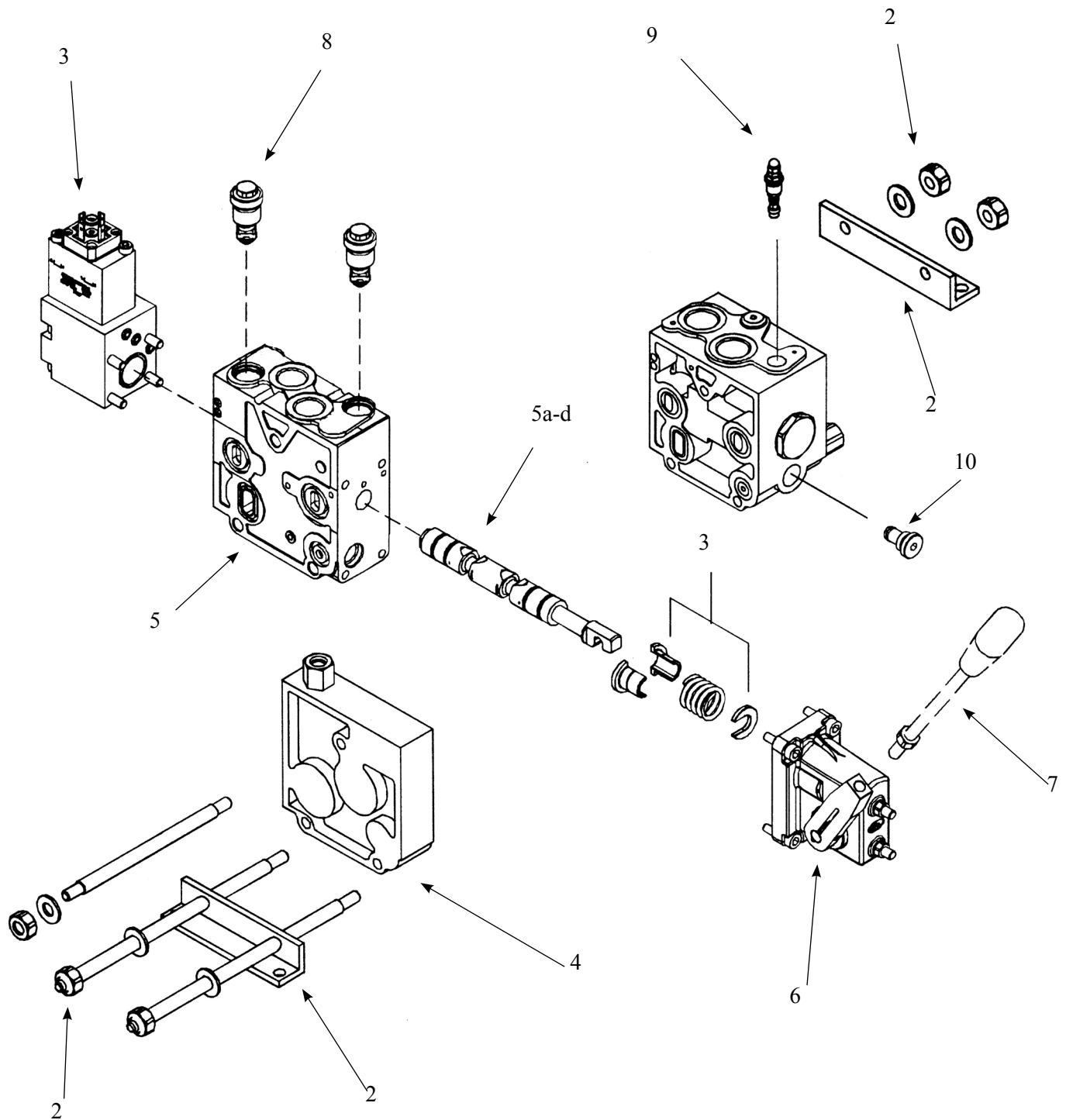
WINCH DO5 VALVE

ITEM	PART NO.	QTY	DESCRIPTION
1	22015073	1	3 Section valve block for a DO5 valve
2	22015084	1	Relief valve
3	22015082	--	DO5 Valve open center
4	22015081	--	DO5 valve closed center
5	22002003	--	Relief cartridge
6	22015074	1	4 section valve block For a DO5 valve
7	22000726	1	12-8 Fitting
8	22002002	1	Relief block
A	Yoke valve		
B	Bottom feed wheel valve		
C	Top feed wheel valve		
D	Winch valve		

AR - As Required

NS - Not Shown

Woodsman



DPC 130 VALVE

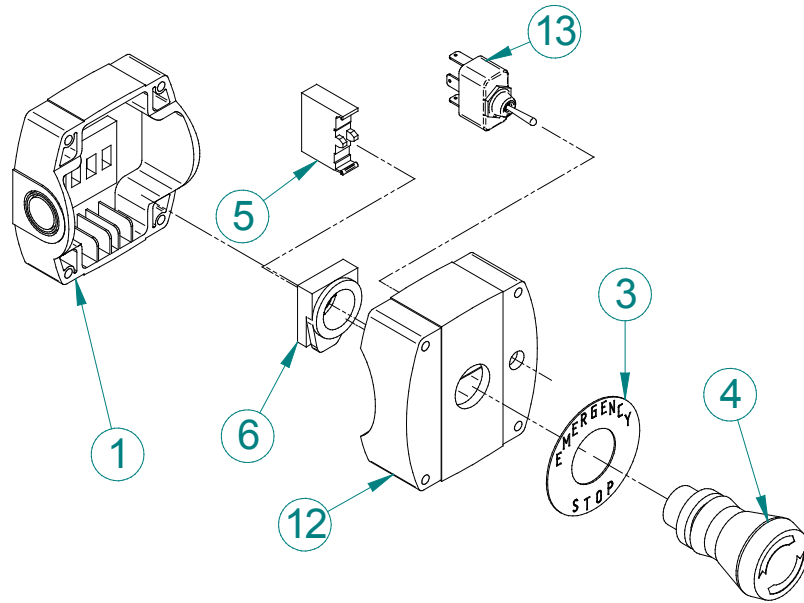
ITEM	PART NO.	QTY	DESCRIPTION
1a	22016100	1	Valve Bank Complete - 5 Section
1b	22016106	1	Valve Bank Complete - 3 Section
2a	22016026	1	Bolt Kit - 5 Section
2b	22016024	1	Bolt Kit - 3 Section
3	22016015	1	Spool Positioner / Coil Kit
4	22016142	1	Outlet Cover
5	22016140	AR	Valve Section
5a	22016004	AR	Spool - Feed Conveyor 15.9
5b	22016004	AR	Spool - Feed Top Roll 15.9
5c	22016008	AR	Spool - Yoke Cylinders
5d	22016003	AR	Spool - Options 1.0
6	22016011	AR	Lever Box - w/ stroke limiters
6a		AR	Seal Kit for Lever Box
7	22016010	1	Handle Kit
8	22016148	AR	Port Relief 185 Bar
8a	22016144	AR	Port Relief 125 Bar
8b	22016146	AR	Port Relief Plug
9	22016145	1	Main Relief - Load Sense
10	22016147	1	Unloader Plug
11	22016141	1	Inlet Section
NS	22016151	AR	Section Seal Kits

AR - As Required

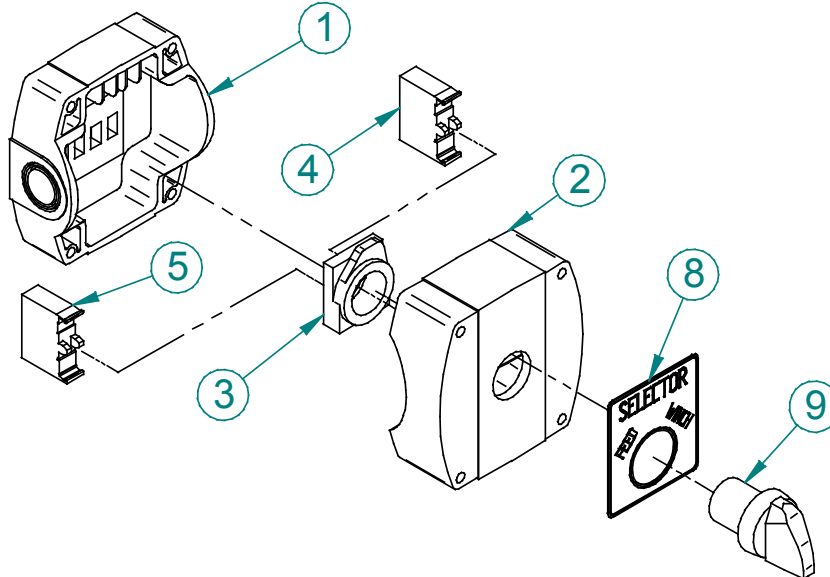
NS - Not Shown

Woodsman

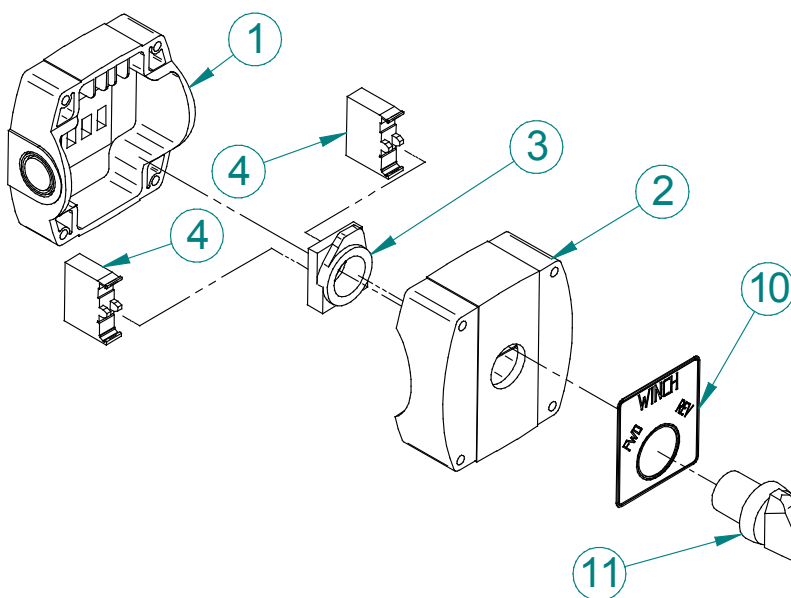
E STOP



**FEED/ WINCH
SELECTOR BOX**



**WINCH IN/ OUT
SELECTOR BOX**



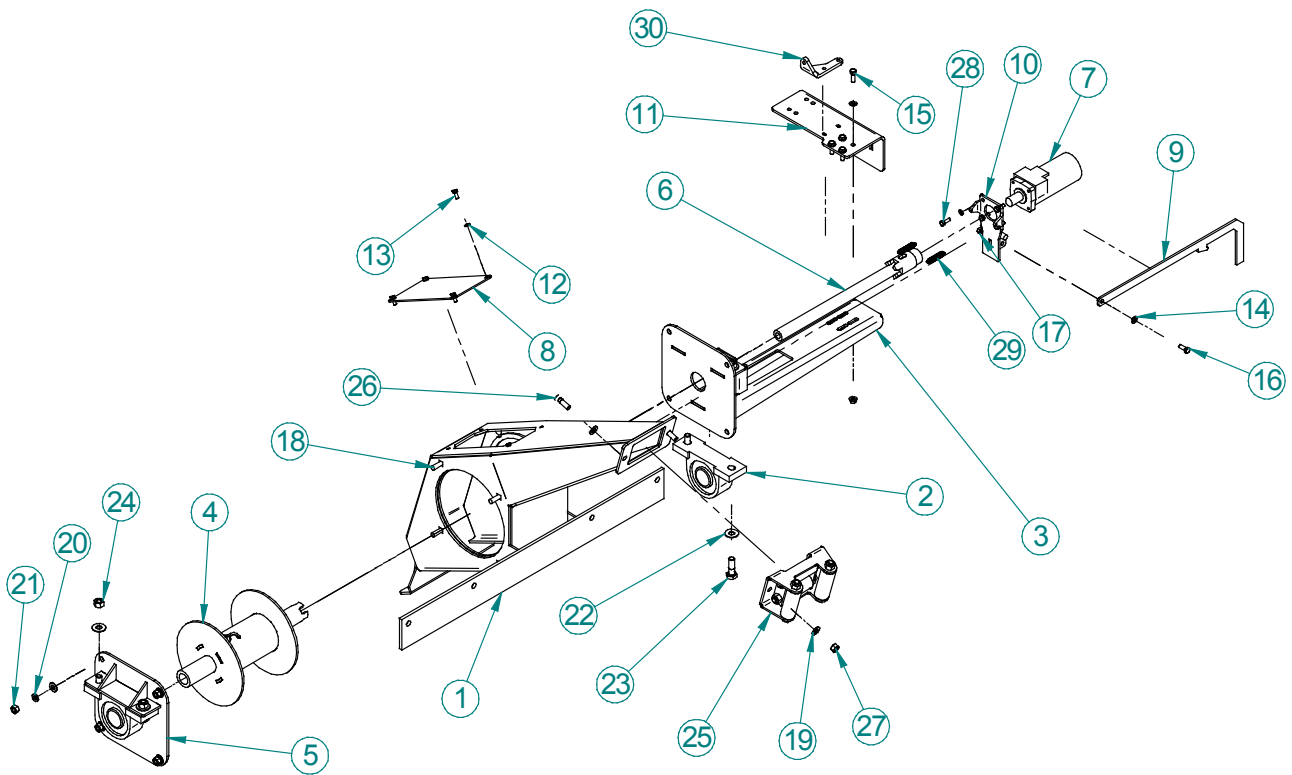
Switch boxes

ITEM	PART NO.	QTY	DESCRIPTION
1	26053016	1	Box bottom
2	26053016	1	Box top
3	26055121	1	mounting latch
4	26055116	--	Contact block N.O
5	26055117	--	Contact block N.C
6	26055146	1	E-stop legend plate
7	26055017	1	E-stop push button
8	29002191	1	Selector legend plate
9	26055133	1	Maintain switch
10	29002190	1	Winch in / out legend plate
11	26055133	1	Momentary switch
12	30054901	1	Box top w/ hole for switch
13	26055025	1	3 Way momentary switch
--	40126901	1	E-stop
--	40127901	1	Feed / winch selector box assy
--	40128901	1	Winch in / out selector box assy

AR - As Required

NS - Not Shown

Woodsman

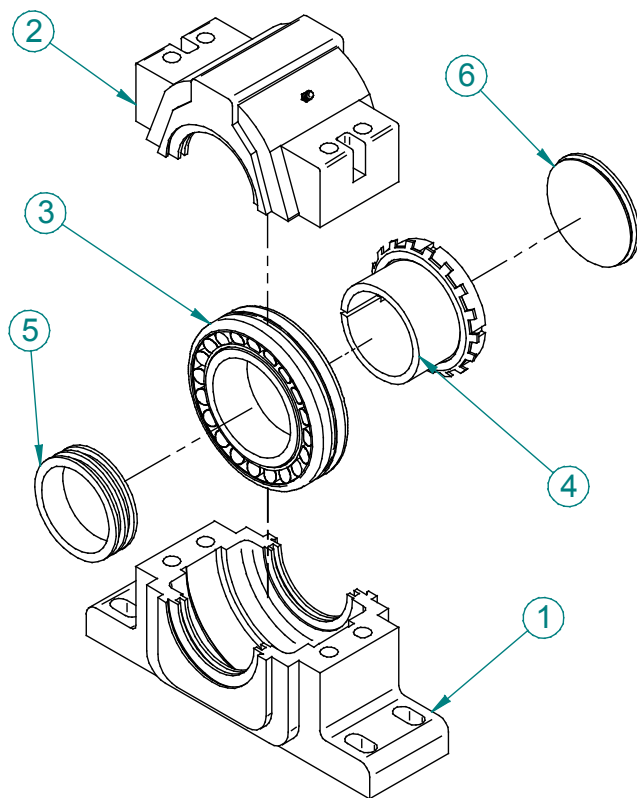


ITEM	PART NO.	QTY	DESCRIPTION
1	40026130	1	Winch housing assembly
2	21000479	2	Pillow block bearing
3	40020130	1	Bearing mount access cover
4	40004130	1	Winch drum weldment
5	40027130	1	Winch bearing mount & access cover
6	40028130	1	Winch drum inner shaft
7	22040001	1	Winch motor
8	30056130	1	Winch housing access cover
9	30092130	1	Winch engage handle
10	40038130	1	Winch torque arm assembly
11	30062130	1	Winch valve plate mount
12	24600205	8	5/16" Lock washer
13	24402153	4	5/16"-18 x 3/4" Long Gd 5 bolt
14	24650106	10	3/8" Flat washer
15	24402207	4	3/8"-16 x 1 1/4" Long GD 5 bolt
16	24402205	1	3/8"-16 x 1" Long Gd 5 bolt
17	24801107	5	3/8"-16 Lock nut
18	24710305	8	1/2"-13 x 1 1/2" Long carriage bolt
19	24650108	12	1/2" Flat washer
20	24600208	8	1/2" Lock washer
21	25400208	8	1/2"-13 Nut
22	24650110	8	5/8" Flat washer
23	24702411	4	5/8"-11 x 2" Long bolt
24	24801110	4	5/8" Lock nut
25	41002130	1	Winch fairlead assembly
26	24702308	2	1/2"-13 x 1 1/2 Gd 8 bolt
27	24801108	2	1/2"-13 Lock nut
28	24402155	4	5/16"-18 x 1" Long Gd 5 bolt
29	19500029	2	spring
30	30117130	1	Selector valve stop

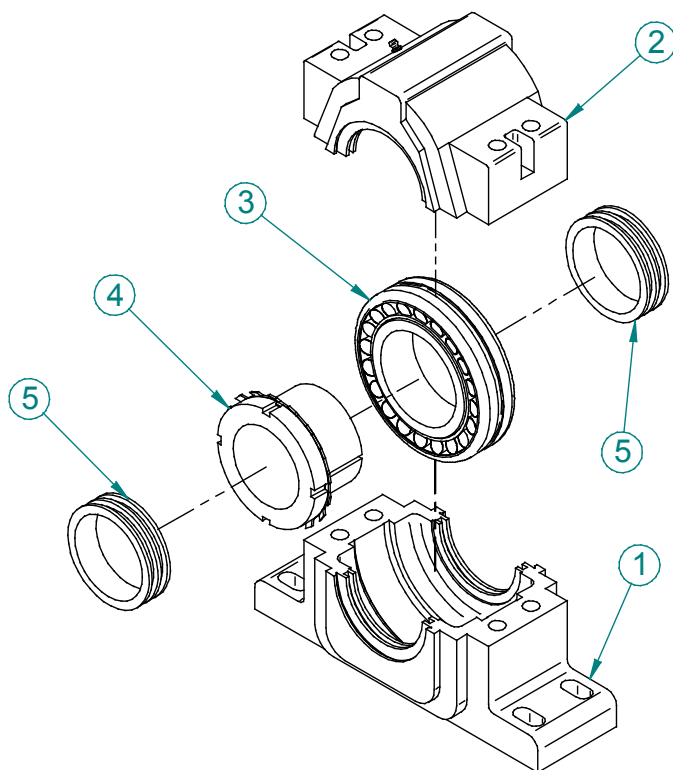
AR - As Required

NS - Not Shown

TANKSIDE



SEAESIDE



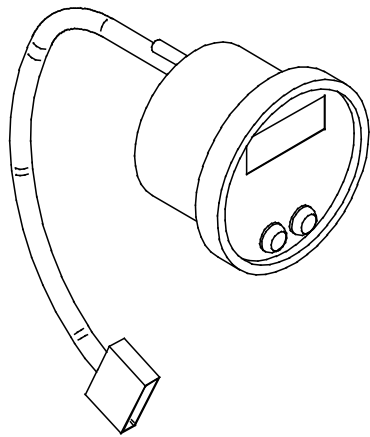
Bearings

ITEM	PART NO.	QTY	DESCRIPTION
--	-----	2	2 15/16" Bearing assy
1/2	21004063	2	Bearing housing
3	21004114	2	Bearing insert
4	21004254	2	Adapter kit
5	21004105	3	Seal kit
6	21004303	1	End cap
--	-----	2	3 7/16" Bearing assy
1/2	21004510	2	Bearing housing
3	21004511	2	Bearing insert
4	21004512	2	Adapter kit
5	21004513	3	Seal kit
6	21004514	1	End cap

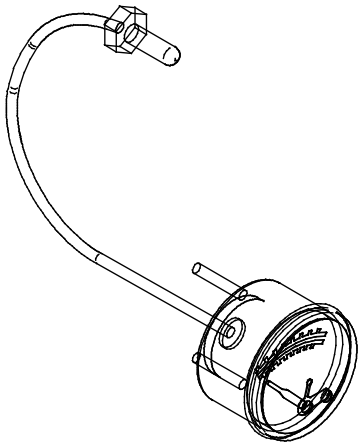
AR - As Required

NS - Not Shown

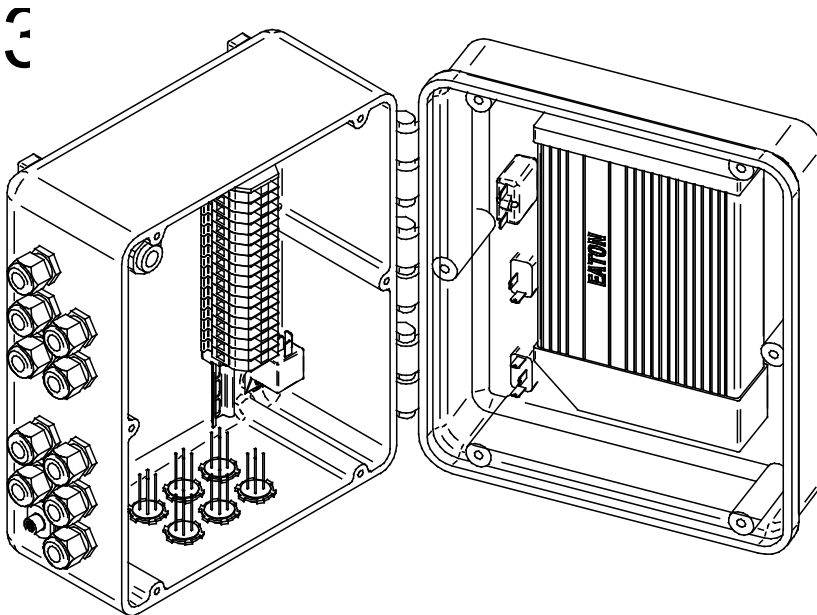
Woodsman



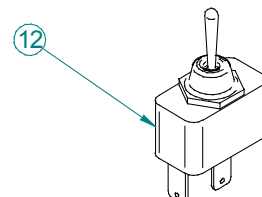
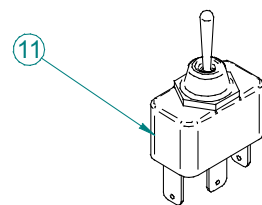
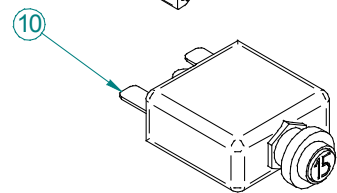
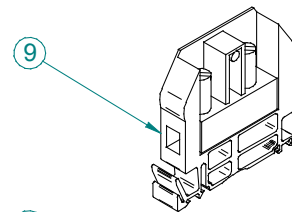
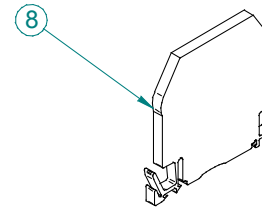
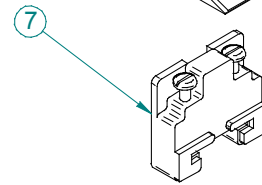
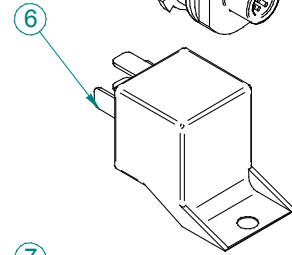
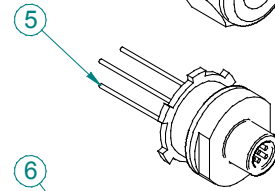
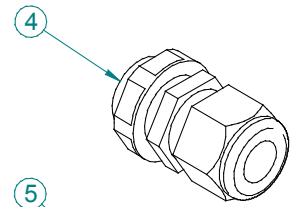
1



2



3



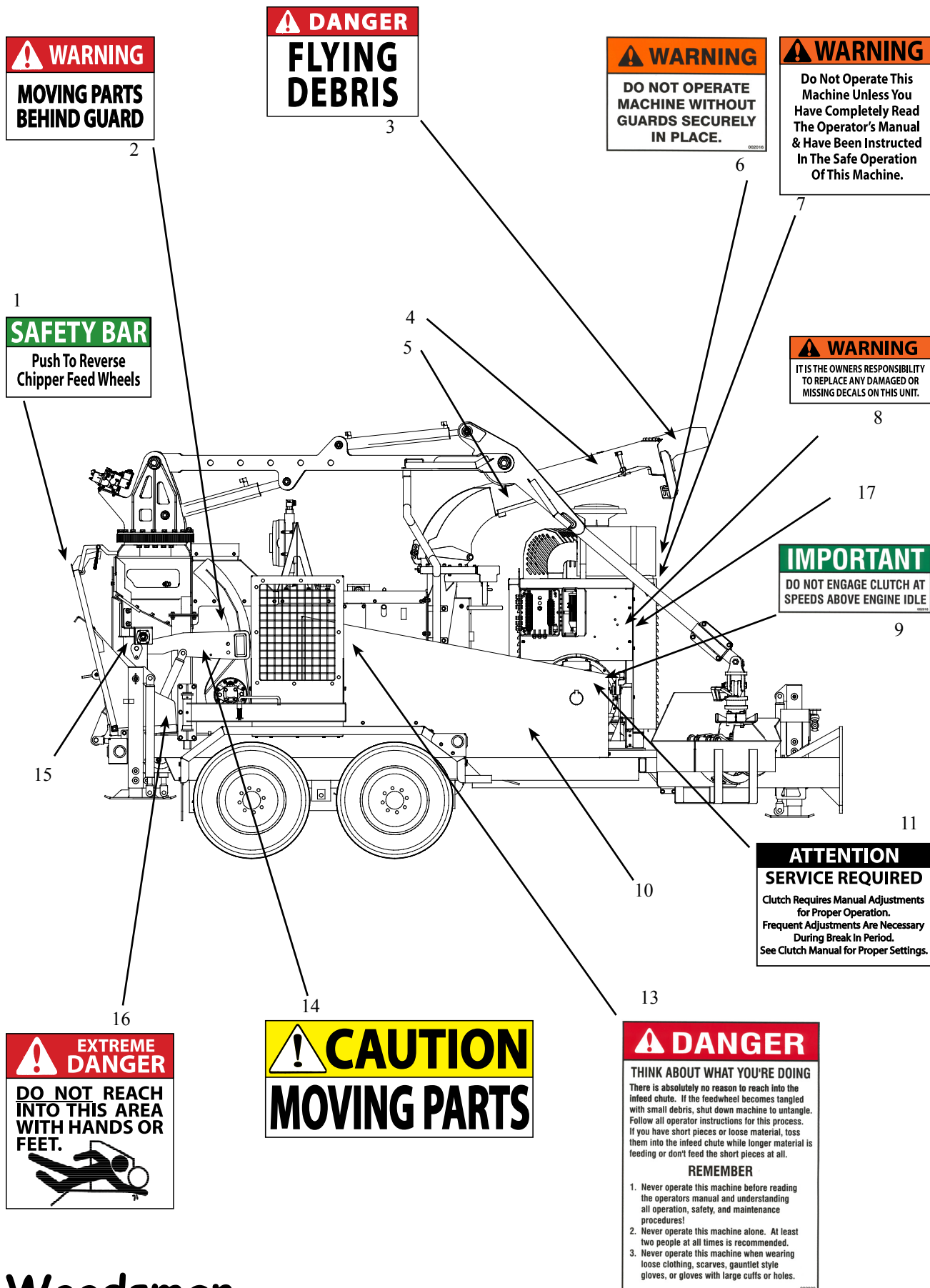
Electrical components

ITEM	PART NO.	QTY	DESCRIPTION
1	26050004	1	Auto feed plus tach
2	27026070	1	Hyd oil temp gauge
3	40129901	1	Electrical box (loader)
3	40130901	1	Electrical box (winch)
Box components			
4	26004157	10	Cord grip
5	26053051	7	4 Wire plug
6	26055210	1	12 V Relay
7	26055150	4	Screw on end clamp
8	26055151	2	End plate
9	26055154	43	Term block
10	26055170	1	15 Amp circuit breaker
11	26055025	1	3 Way momentary switch
12	26055030	1	On / off switch

AR - As Required

NS - Not Shown

Woodsman



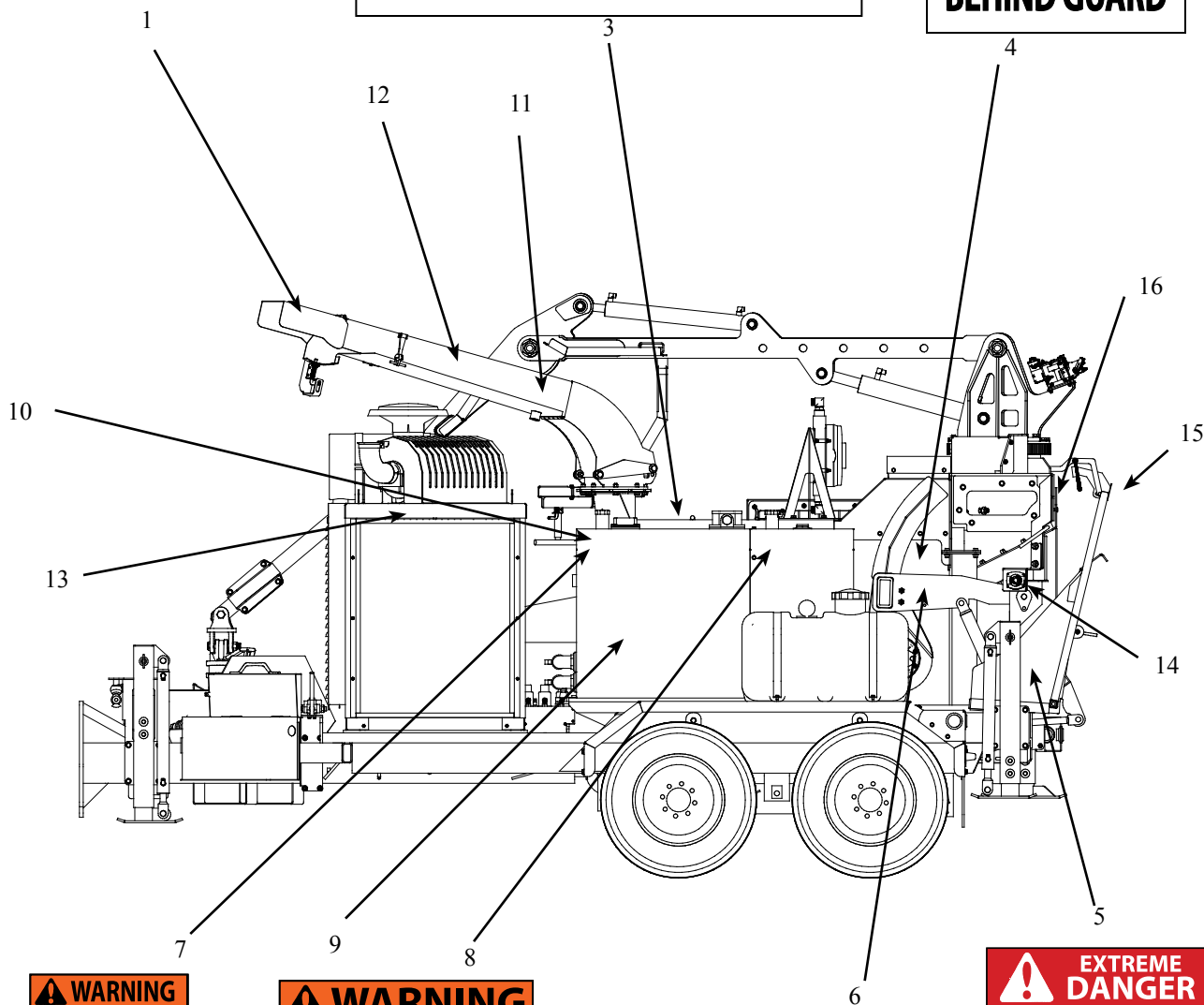
SAFETY DECALS

ITEM	PART NO.	QTY	DESCRIPTION
-	29002000	1	Safety Decal Kit Complete
1	29002010	1	Safety Bar - Push to Reverse
2	29002003	2	WARNING - Moving Parts Behind Guard
3	29002008	2	DANGER - Flying Debris
4	29002098	2	Woodsman Decal (black)
4a	29002099	2	Woodsman Decal (white)
5		2	770 Decal (black)
5a		2	770 Decal (white)
6	29002016	1	WARNING - Do Not Operate Machine
7	29002017	1	WARNING - Do Not Operate This
8	29002011	1	WARNING - It is the owners
9	29002018	1	IMPORTANT - Do Not Engage Clutch
10	29002044	1	Woodsman Trees (black)
10a	29002043	1	Woodsman Trees (white)
11	29002024	1	ATTENTION - Service Required
12	26001060	1	Manual Holder
13	29002009	1	DANGER - Think About
14	29002027	2	CAUTION - Moving Parts
15	29002020	1	Feed Wheel Lift Cylinder
16	29002007	2	EXTREME DANGER - Do Not Reach
17	29002110	1	Auto Feed - On / Off
NS	29002031	2	DOT Reflective Tape

AR - As Required

NS - Not Shown

Woodsman



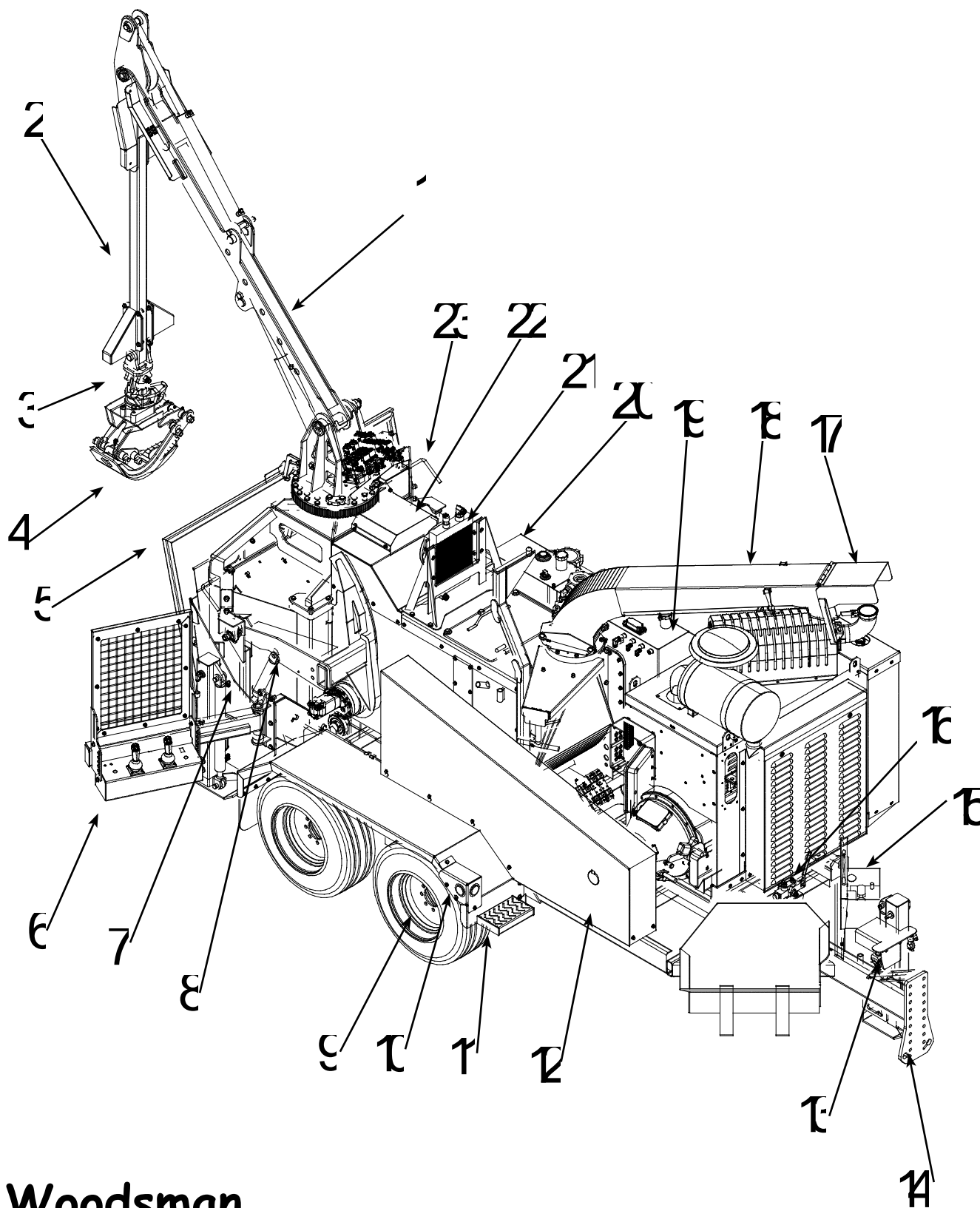
SAFETY DECALS

ITEM	PART NO.	QTY	DESCRIPTION
-	29002000	1	Safety Decal Kit Complete
1	29002005	2	DANGER - Flying Debris
2	29002004	1	DANGER - Use Lock Out Procedures
3	29002008	1	DANGER - Keep Access Door Closed
4	29002003	2	WARNING - Moving Parts Behind Guard
5	29002007	2	EXTREME DANGER - Do Not Reach Into
6	29002027	2	CAUTION - Moving Parts
7	29002023	1	WARNING - Do Not Go Near Leaks
8	29002015	1	WARNING - Flammable Fluid
9	29002044	1	Woodsman Trees (black)
9a	29002043	1	Woodsman Trees (white)
10	29002022	1	Hydraulic Oil Only
11		2	770 decal (black)
11a		2	770 decal (white)
12	29002098	2	Woodsman decal (black)
12a	29002099	2	Woodsman decal (white)
13	29002019	1	Keep Radiator Clean
14	29002015	2	Feed Wheel Lift Cylinder
15	29002010	1	Safety Bar - Push to Reverse
16	29002061	1	Big danger
NS	29002031	2	DOT Reflective Tape

AR - As Required

NS - Not Shown

Woodsman



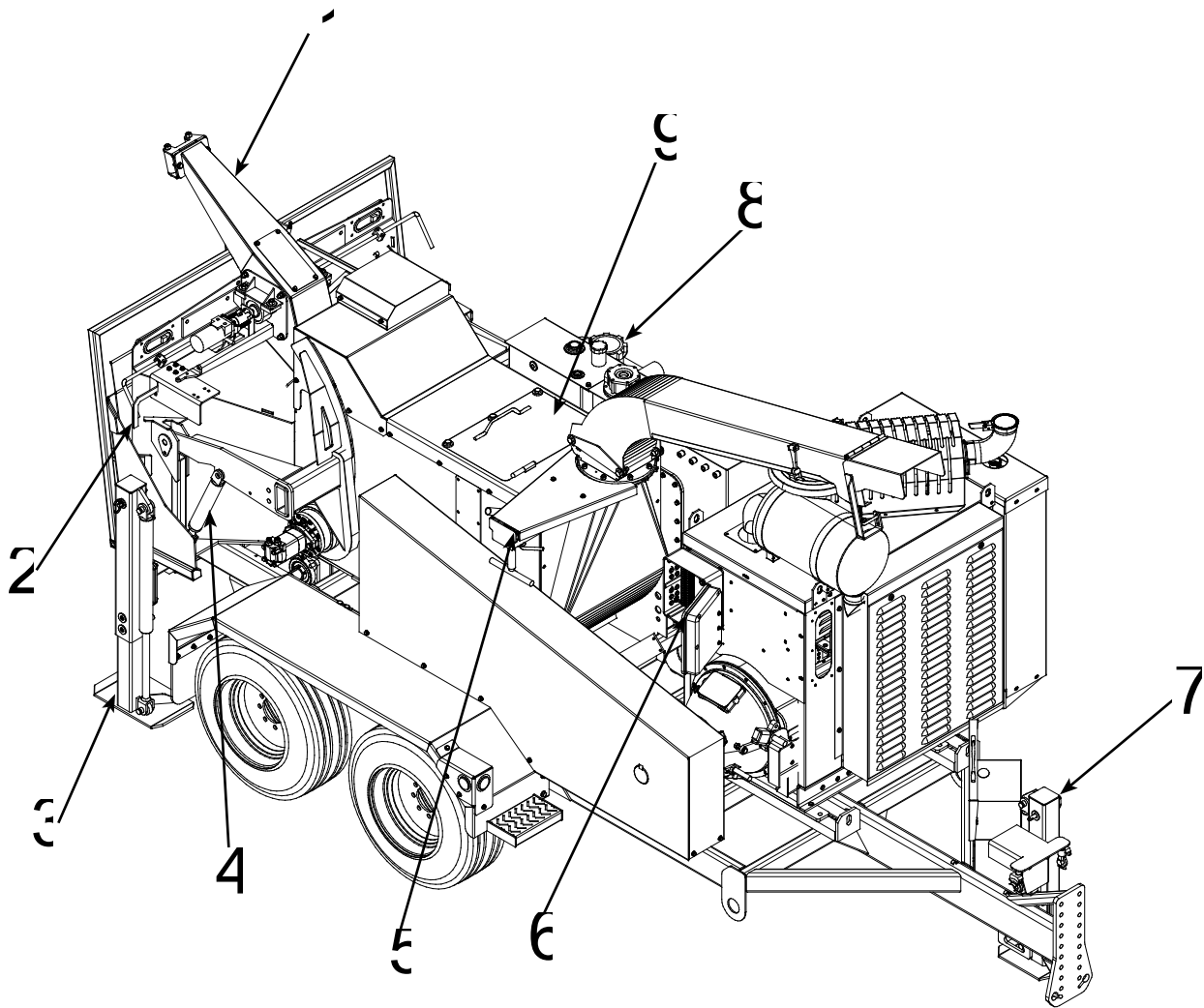
Woodsman

ITEM	PART NO.	QTY	DESCRIPTION
1.	Main boom	Main boom lifts the wood	
2.	Jib boom	Jib boom is your reach	
3.	Grapple rotate motor	Turns the grapple	
4.	Grapple	Grabs the wood	
5.	Safety bar	Safety bar to control feed system forward, neutral, and reverse	
6.	Swing out controls	To control the loader	
7.	Tailgate	Heavy-duty folding tailgate to aid feeding material	
8.	Yoke	Yoke holds the feed wheel	
9.	Suspension	10,000 LBS axles	
10.	Side marker lights	To see the side of the chipper	
11.	Fender	Covers tires and gives you a spot to stand on to change knives	
12.	Belt shield	To shield the belt and the sheaves	
13.	Glad hand mount	Is where the air for the brakes are located and stored when not in use	
14.	Hitch	Standard rectangular steel tubing	
15.	Battery box / tool box	12 Volt 800 cca battery	
16.	Front jack valve	To lift the front of the chipper	
17.	Flipper	To deflect the chips	
18.	Chute	3 vertical position with a swivel plate base allowing 360 deg	
19.	Hyd. Tank	64 gal Hydraulic tank with a lockable filler cap and a 10 micron mesh filter	
20.	Fuel tank	45 gal Fuel tank mounted on rubber vibration absorbers and a lock able filler cap	
21.	Oil cooler	To cool the hyd oil	
22.	Detent box	Is connected to the safety bar	
23.	Yoke lever	Yoke lever to lift the yoke	

AR - As Required

NS - Not Shown

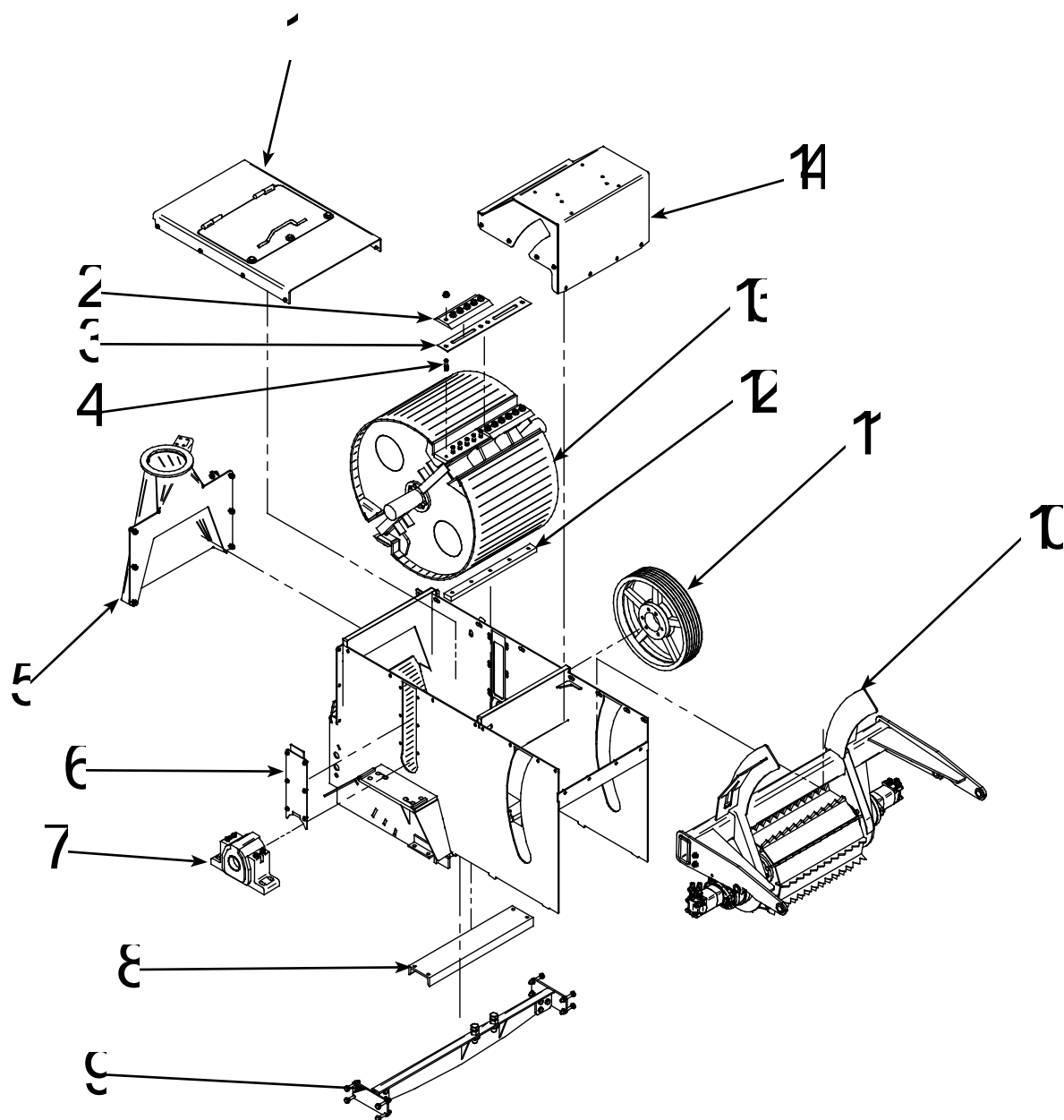
Woodsman



ITEM	PART NO.	QTY	DESCRIPTION
1.	Winch		To help get wood the chipper
2.	Winch control arm		Engage and disengage free wheeling
3.	Rear jack		To give support to the chipper when feeding
4.	Yoke cylinder		Helps the yoke feed wood
5.	Hand crank		To turn the chute
6.	Electrical box		Is where we run are wires to
7.	Front jack		To level the front of the chipper
8.	Water tank		Holds the water for the dust suppressor
9.	Top door		Is used to access the drum and knives

AR - As Required

NS - Not Shown

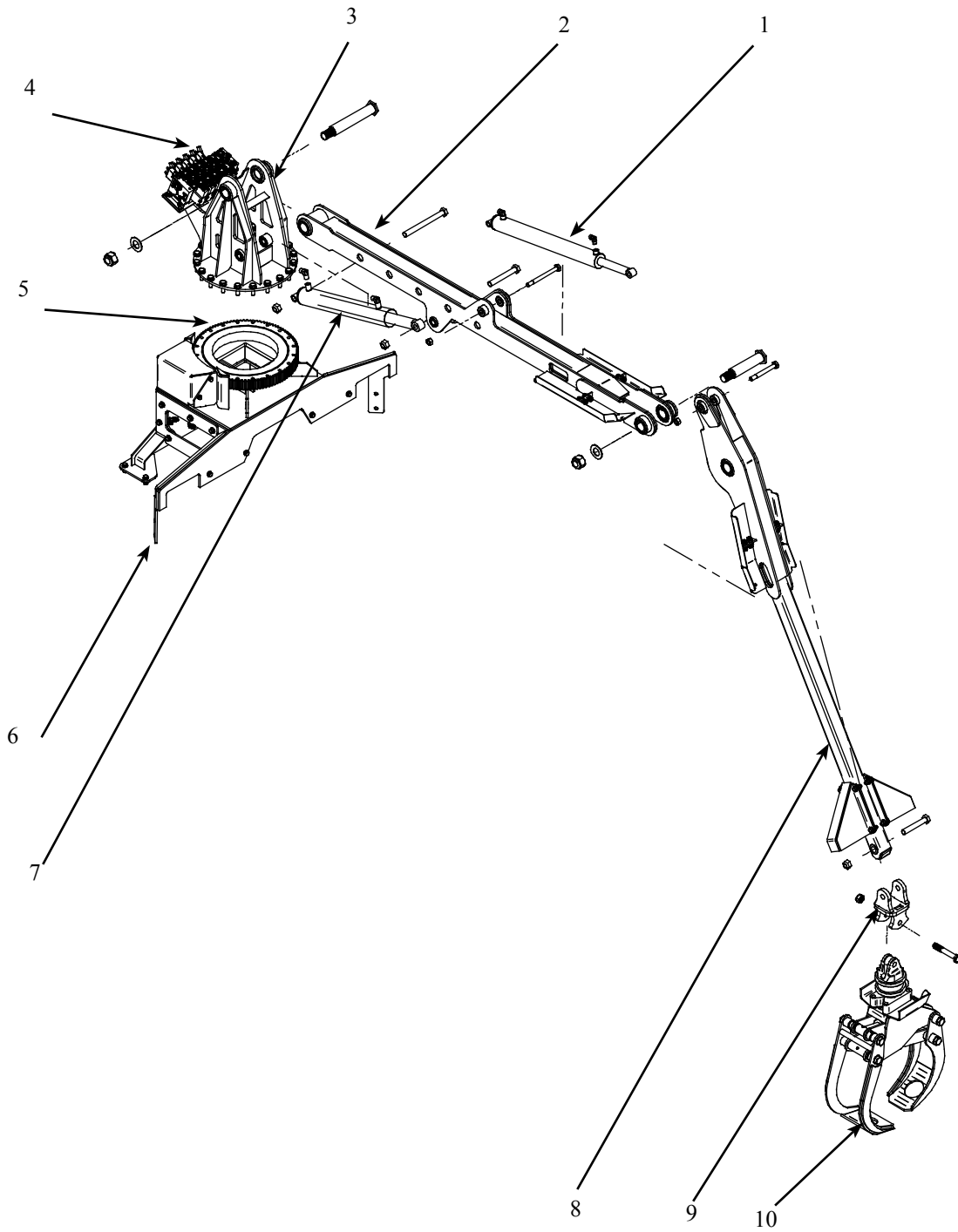


ITEM	PART NO.	QTY	DESCRIPTION
1.	Top door		Access door for the changing chipper hardware
2.	Chipper knife	(4) 12" Knives; Two per pocket	
3.	Knife shim		Knife shims used to bring knife up or down to desired height
4.	Stud		Studs are replaceable after they are worn
5.	Transition		Transition leading to discharge chute
6.	Drum side covers		Side covers keep chips from coming out the side of base
7.	Bearing		Double roller spherical bearings support the drum
8.	Bottom door		Used for setting the anvil and cleaning out debris
9.	Anvil bed support		Supports the anvil bed that holds the anvil
10.	Yoke / Feed wheel		Feeds the wood into the chipper
11.	Sheave		Powers the drum
12.	Anvil		Four sided adjustable anvil
13.	Drum		Dynamically balanced drum with 3/8" skin, two welded in knife pockets for chip accumulation until discharge
14.	Detent box mount		Covers the yoke and holds the detent box

AR - As Required

NS - Not Shown

Woodsman



ITEM	PART NO.	QTY	DESCRIPTION
1.	Jib boom cylinder		Lifts the jib boom up
2.	Main boom		Lifts the wood
3.	Loader pedestal		Holds the main boom
4.	DPC 130 valve		Controls the loader functions
5.	Turn table bearing		Turns the loader
6.	Loader base		Conects the loader to the chipper
7.	Main boom cylinder		Lifts the main boom
8.	Jib boom		Moves the wood into the infeed
9.	Link set		Lets the grapple swing
10.	Grapple		Grabs the wood

AR - As Required

NS - Not Shown

ITEM	PART NO.	QTY	DESCRIPTION
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AR - As Required

NS - Not Shown

Woodsman

ITEM	PART NO.	QTY	DESCRIPTION
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AR - As Required

NS - Not Shown

Woodsman

ITEM	PART NO.	QTY	DESCRIPTION
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AR - As Required

NS - Not Shown

Woodsman

ITEM	PART NO.	QTY	DESCRIPTION
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AR - As Required

NS - Not Shown

Woodsman