

Repair Parts Manual

COUNTRY
CLIPPER®
ZERO TURN MOWER

CHALLENGER™

520

COUNTRY CLIPPER

CHALLENGER

520

ZERO TURN RADIUS MOWER

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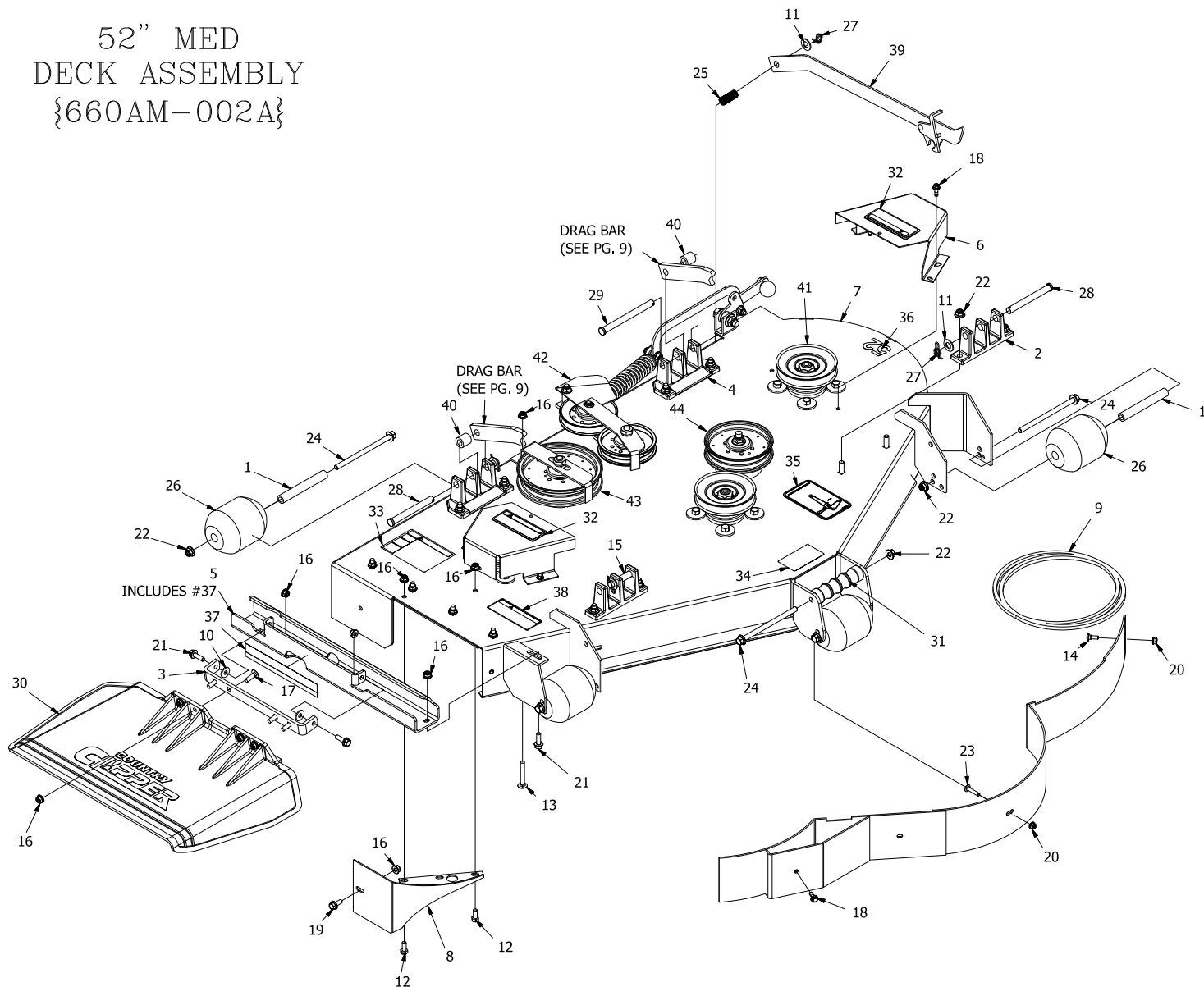
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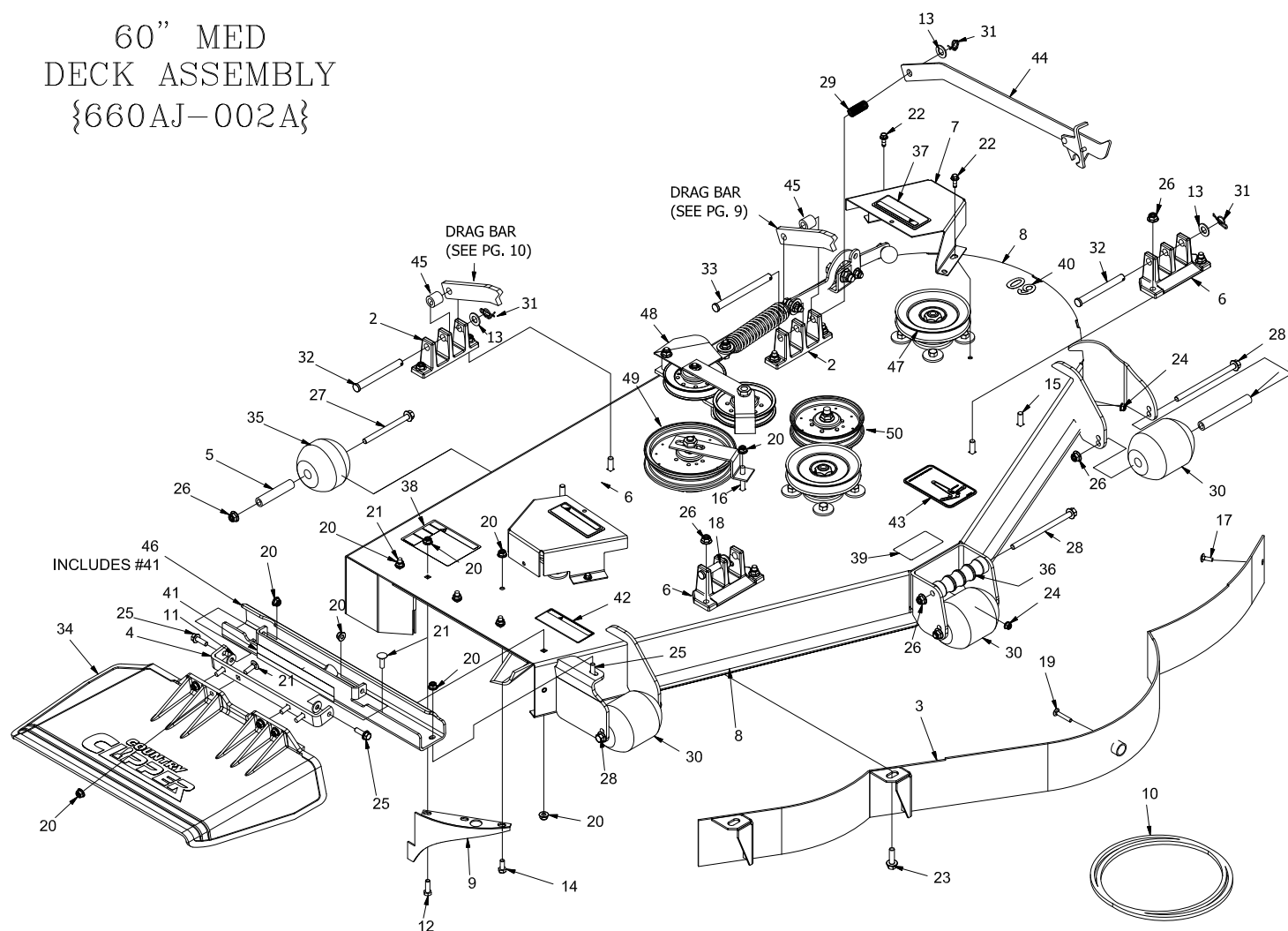
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52" MED DECK ASSEMBLY {660AM-002A}



REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	609-183P	5	BUSHING	24	F-2161	6	FHCS, 3/8-16 x 6", YZ, GR5
2	643-016W	2	Hanger Weldment	25	F-2575	1	SPRING, COMP .656 X .052 X 1.97
3	643-110P	1	CHUTE HINGE	26	H-1948	5	Roller, 3-3/4 DIA. x 4-13/16L
4	651-009W	2	CASTING,HANGER,WIDE BASE	27	H-2239	4	1/2" Rue Ring
5	643-135A	1	OUTLET STIFFENER w/DECAL	28	H-2240	2	1/2" x 4-1/2" Clevis Pin
6	660-146A	2	PULLEY COVER w/DECALS	29	H-2718	1	1/2" x 5-1/2" Clevis Pin
7	660-188A	1	52 MED. DECK WLDT w/DECALS	30	H-2723	1	Chute, Discharge, Small
8	686-080W	1	SPLITTER BAFFLE	--	643-111A	1	CHUTE ASSEMBLY, SMALL
9	D-3872	1	BELT, B-184	31	H-2787	1	GRIP, DECK HANDLE
10	F-1009-02	2	5/16" Flat Washer	32	P-10935	2	Decal, WARNING
11	F-1521	6	1/2" WASHER, CUSTOM	33	P-10941	1	DECAL "DANGER ROTATING BLADES"
12	F-1546	2	5/16-18 x 3/4" Capscrew	34	P-11413	1	DECAL, HOIST POINT
13	F-1707	1	5/16-18 x 2 1/4" CARRIAGE BOLT,	35	P-11932	1	DECAL, JAZEE DECK BELT ROUTING
14	F-1823	1	Carriage Bolt, 1/4 X 3/4"	36	P-11951	1	DECAL, DECK SIZE, 52
15	F-1889	1	1/2 x 2-5/8" Clevis Pin	37	P-12496	1	DECAL, MISSING CHUTE
16	F-2063	15	Nut, 5/16-18 Nyloc, Flanged	38	P-12706	1	WARNING DECAL, DISCHARGE CHUTE
17	F-2066	4	5/16-18 x 1" CARRIAGE BOLT,	39	625-114A	1	DECK PROP ASS'Y, EDGE XLT
18	F-2119	5	FHCS, 1/4-20 x 0.75, YZ, LOCK PATCH, GR5	40	707-046P	2	SPACER
19	F-2120	1	FHCS, 5/16-18 x 0.75, YZ, GR5	41	-----	3	SPINDLE ASS'Y (SEE pg.3)
20	F-2132	2	NUT, 1/4-20 NYLOC, FLANGED	42	-----	1	DOUBLE IDLER ASS'Y (SEE pg.4)
21	F-2148	3	FHCS, 5/16-18 x 1.00, YZ, GR5	43	-----	1	REAR IDLER ASS'Y (SEE pg.6)
22	F-2151	21	Nut,3/8-16 Nyloc, Flanged	44	-----	1	FRONT IDLER ASS'Y (SEE pg.6)
23	F-2157	1	CARRIAGE BOLT, 1/4 X 1-1/4"				

60" MED DECK ASSEMBLY {660AJ-002A}

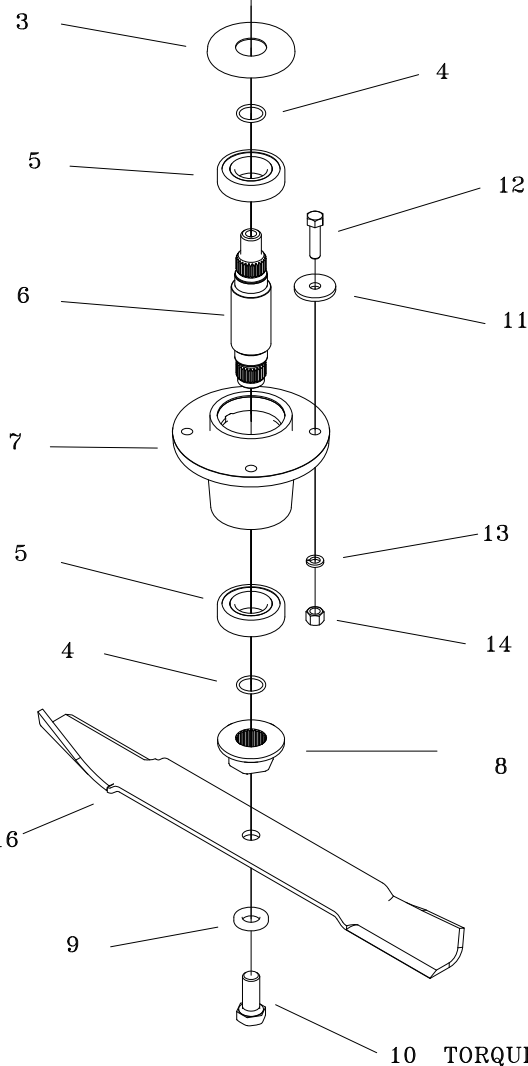


REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	609-183P	3	BUSHING	27	F-2160	2	FHCS, 3/8-16 x 4 1/2", YZ, GR5
2	643-016W	2	Hanger Weldment	28	F-2161	4	FHCS, 3/8-16 x 6", YZ, GR5
3	643-104W	1	60" DUST BAFFLE WELDMENT	29	F-2575	1	SPRING, COMP .656 X .052 X 1.97
4	643-110P	1	CHUTE HINGE	30	H-1948	3	Roller, 3-3/4 DIA. x 4-13/16L
5	643-126P	2	BUSHING	31	H-2239	4	1/2" Rue Ring
6	651-009W	2	CASTING,HANGER,WIDE BASE	32	H-2240	2	1/2" x 4-1/2" Clevis Pin
7	660-146A	2	PULLEY COVER w/DECALS	33	H-2718	1	1/2" x 5-1/2" Clevis Pin
8	660-189A	1	60 MED DECK WLDT w/DECALS	34	H-2723	1	Chute, Discharge, Small
9	686-006W	1	SPLITTER BAFFLE	--	643-111A	1	CHUTE ASSEMBLY, SMALL
10	D-3914	1	BELT, BANDO " B-180"	35	H-2772	2	Roller, 3-3/4 DIA. x 3 1/4"L
11	F-1009-02	2	5/16" Flat Washer	36	H-2787	1	GRIP, DECK HANDLE
12	F-1015-15	1	5/16-18 x 1" Capscrew	37	P-10935	2	Decal, WARNING
13	F-1521	6	1/2" WASHER, CUSTOM	38	P-10941	1	DECAL "DANGER ROTATING BLADES"
14	F-1546	1	5/16-18 x 3/4" Capscrew	39	P-11413	1	DECAL, HOIST POINT
15	F-1672	7	3/8-16 x 1-1/4" Carraige Bolt	40	P-11952	1	DECAL, DECK SIZE, 60
16	F-1707	1	5/16-18 x 2 1/4" CARRIAGE BOLT,	41	P-12496	1	DECAL, MISSING CHUTE
17	F-1823	1	Carriage Bolt, 1/4 X 3/4"	42	P-12706	1	WARNING DECAL, DISCHARGE CHUTE
18	F-1889	1	1/2 x 2-5/8" Clevis Pin	43	P-12837	1	DECAL, DECK BELT ROUTING
19	F-1935	1	CARRIAGE BOLT, 1/4 X 1-1/2"	44	625-114A	1	DECK PROP ASS'Y, EDGE XLT
20	F-2063	14	Nut, 5/16-18 Nyloc, Flanged	45	707-046P	2	SPACER
21	F-2066	8	5/16-18 x 1" CARRIAGE BOLT,	46	643-135A	1	OUTLET STIFFENER w/DECAL
22	F-2119	4	FHCS, 1/4-20 x 0.75, YZ, LOCK PATCH, GR5	47	-----	3	SPINDLE ASS'Y (SEE pg.3)
23	F-2125	2	FHCS, 3/8-16 x 1.25, YZ, GR5	48	-----	1	DOUBLE IDLER ASS'Y (SEE pg.5)
24	F-2132	2	NUT, 1/4-20 NYLOC, FLANGED	49	-----	1	REAR IDLER ASS'Y (SEE pg.6)
25	F-2148	3	FHCS, 5/16-18 x 1.00, YZ, GR5	50	-----	1	FRONT IDLER ASS'Y (SEE pg.6)
26	F-2151	21	Nut,3/8-16 Nyloc, Flanged				

TORQUE TO 170-190 ft-lb 1

PULLEY NOT INCLUDED *2
IN ASSEMBLY

DECK SPINDLE ASSEMBLY 629FN-001A



BLADE NOT INCLUDED *16
IN ASSEMBLY

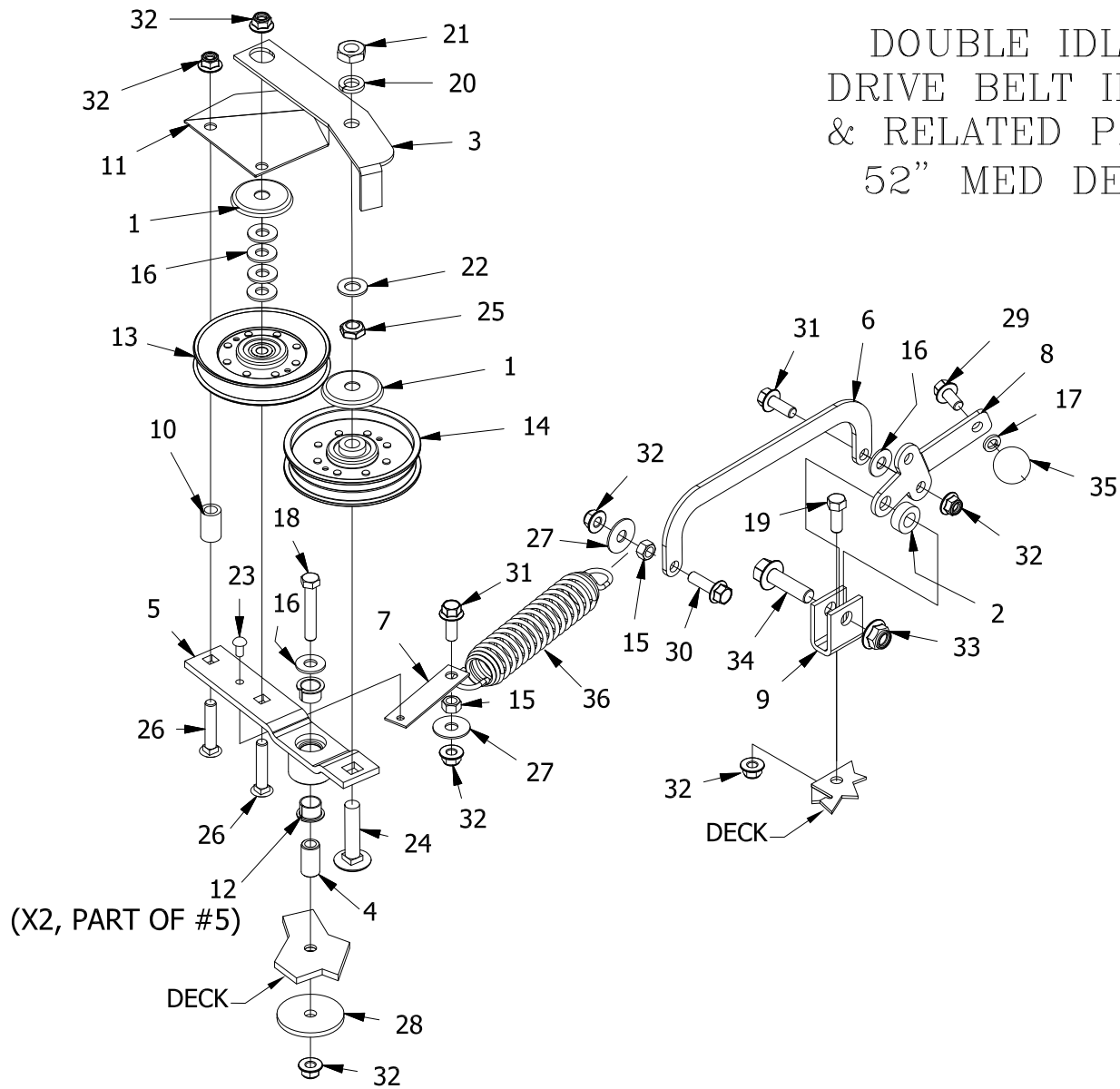
15 (APPLY THIN LAYER OF CHEVRON
RYKOTAC GREASE TO THE TOP
SURFACES OF THE BEARING AND
HOUSING PRIOR TO INSTALLING
ITEM #3 (BEARING CAP).

NEW MOWERS ARE SHIPPED WITH
3 to 4 oz OF CHEVRON SRI NLGI 2
GREASE INSIDE EACH SPINDLE
HOUSING.

10 TORQUE TO 100 ft-lb

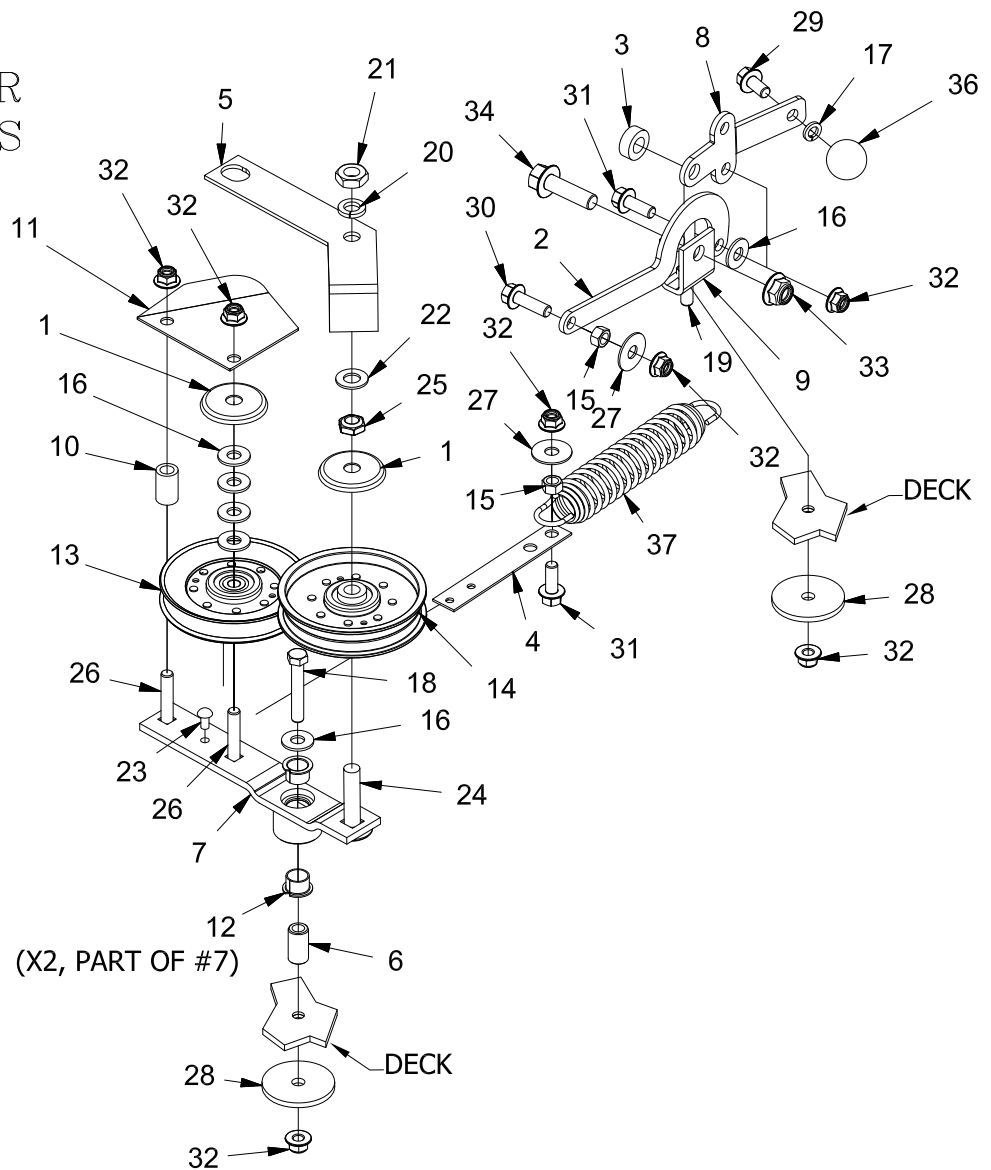
REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	F-2078	1	3/4-6 TOP LOCK NUT	15	H-2707	1	GREASE PACKET
2	668-038P	*	52" DECK CENTER PULLEY	16	H-2883	-	BLADE, HIGH L, 18 3/8" CUT 52"
*	668-039P	*	60" DECK CENTER PULLEY		H-2885	-	BLADE, HIGH L, 21" CUT 60"
3	609-292P	1	CAP, BEARING	OPTIONAL BLADES			
4	H-2639	2	O'RING, RUBBER				
5	D-3867	2	BEARING, #6206		H-2660	-	BLADE, LOW L, 18 3/8" CUT, 52"
6	609-289P	1	SHAFT, SPINDLE		H-2661	-	BLADE, LOW L, 21" CUT, 60"
7	609-285P	1	HOUSING, SPINDLE		H-2666	-	BLADE, GATOR, 18 3/8" CUT 52"
8	609-288P	1	BLADE DRIVER		H-2667	-	BLADE, GATOR, 21" CUT 60"
9	660-099P	1	BLADE WASHER				
10	F-2073	1	5/8-11 X 1.5 HHCS GR. 8				
11	609-034P	4	SPINDLE SPACER, WASHER				
12	F-1572	4	3/8-24 X 1.5 CAP SCREW				
13	F-1019-03	4	3/8 LOCK WASHER				
14	F-1573	4	3/8-24 LOCK NUT				

DOUBLE IDLER DRIVE BELT IDLER & RELATED PARTS 52" MED DECK



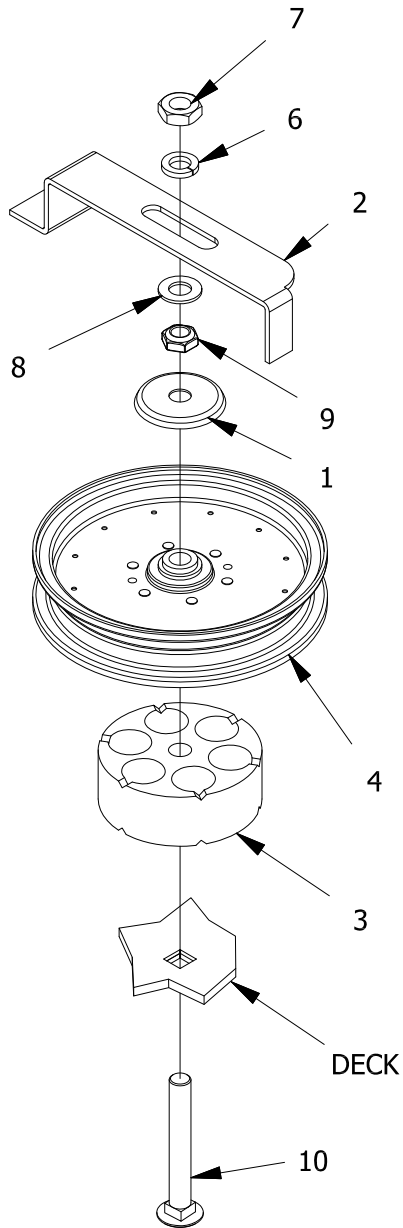
REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	620-201P	4	WASHER, BEARING CAP	19	F-1394	1	3/8-16 x 1" Capscrew
2	660-038P	1	3/8" Spacer	20	F-1464	2	1/2" LOCKWASHER
3	660-107P	1	BELT KEEPER	21	F-1489	2	1/2-13 Hex Jam Nut
4	660-135P	1	MOUNTING PIN	22	F-1521	6	1/2" WASHER, CUSTOM
5	660-147A	1	IDLER ARM ASSEMBLY	23	F-1733	1	1/4" x 1/2" DRIVE SCREW
6	660-172P	1	LINK, BELT TENSION	24	F-1822	1	1/2-13 X 2-1/4" CARRIAGE BOLT
7	660-173P	1	SPRING EXTENSION	25	F-1966	2	1/2-13 THIN NYLOC NUT
8	660-184P	1	HANDLE, BELT TENSIONER	26	F-1976	2	3/8-16 x 2" Carraige Bolt
9	661-015P	1	SHACKLE	27	F-2083	2	WASHER, 3/8 FENDER
10	668-021P	1	SPACER, BELT GUARD	28	F-2102	1	WASHER.406ID X 2.25OD X 7GA THK
11	668-029P	1	BELT GUARD	29	F-2124	1	FHCS, 3/8-16 x 0.75, YZ, GR5
12	D-3730	2	FLANGED BUSHING	30	F-2125	1	FHCS, 3/8-16 x 1.25, YZ, GR5
13	D-3923	1	PULLEY, V-IDLER, 4.59 OD, AB, NTN	31	F-2141	2	FHCS, 3/8-16 x 1", YZ, GR5
14	D-3924	1	PULLEY, FLAT IDLER, NTN, DBL INSERT	32	F-2151	21	Nut,3/8-16 Nyloc, Flanged
15	F-1005-03	2	3/8-16 Stover Nut	33	F-2152	2	Nut,1/2-13 Nyloc, Flanged
16	F-1009-03	6	3/8" Flat Washer	34	F-2154	1	FHCS, 1/2-13 x1-3/4", YZ, GR5
17	F-1019-03	13	3/8" LOCKWASHER	35	H-2405	1	BALL, 1-1/4"
18	F-1268	1	3/8-16 x2-1/4" Capscrew	36	H-2619	1	SPRING,5 X 1-1/2,TAPERED ENDS

DOUBLE IDLER
DRIVE BELT IDLER
& RELATED PARTS
60" MED DECK

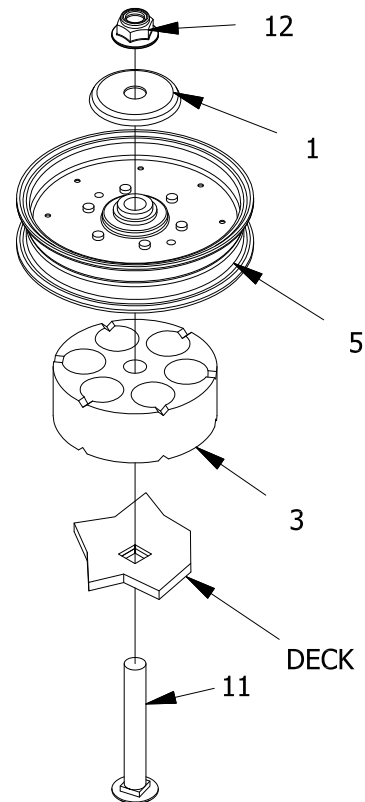


REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	620-201P	4	WASHER, BEARING CAP	20	F-1464	2	1/2" LOCKWASHER
2	660-031P	1	Belt Tightner Arm	21	F-1489	2	1/2-13 Hex Jam Nut
3	660-038P	1	3/8" Spacer	22	F-1521	6	1/2" WASHER, CUSTOM
4	660-081P	1	EXTENSION FOR SPRING	23	F-1733	1	1/4" x 1/2" DRIVE SCREW
5	660-110P	1	BELT KEEPER, B BELT	24	F-1822	1	1/2-13 X 2-1/4" CARRIAGE BOLT
6	660-135P	1	MOUNTING PIN	25	F-1966	2	1/2-13 THIN NYLOC NUT
7	660-147A	1	IDLER ARM ASSEMBLY	26	F-1976	2	3/8-16 x 2" Carraige Bolt
8	660-184P	1	HANDLE, BELT TENSIONER	27	F-2083	2	WASHER, 3/8 FENDER
9	661-015P	1	SHACKLE	28	F-2102	2	WASHER.406ID X 2.25OD X 7GA THK
10	668-021P	1	SPACER, BELT GUARD	29	F-2124	1	FHCS, 3/8-16 x 0.75, YZ, GR5
11	668-029P	1	BELT GUARD	30	F-2125	2	FHCS, 3/8-16 x 1.25, YZ, GR5
12	D-3730	2	FLANGED BUSHING	31	F-2141	2	FHCS, 3/8-16 x 1", YZ, GR5
13	D-3923	1	PULLEY, V-IDLER, 4.59 OD, AB, NTN	32	F-2151	21	Nut,3/8-16 Nyloc, Flanged
14	D-3924	1	PULLEY, FLAT IDLER, NTN, DBL INSERT	33	F-2152	2	Nut,1/2-13 Nyloc, Flanged
15	F-1005-03	2	3/8-16 Stover Nut	34	F-2154	1	FHCS, 1/2-13 x1-3/4", YZ, GR5
16	F-1009-03	6	3/8" Flat Washer	35	H-2239	4	1/2" Rue Ring
17	F-1019-03	13	3/8" LOCKWASHER	36	H-2405	1	BALL, 1-1/4"
18	F-1268	1	3/8-16 x2-1/4" Capscrew	37	H-2619	1	SPRING,5 X 1-1/2,TAPERED ENDS
19	F-1394	1	3/8-16 x 1" Capscrew				

RIGHT REAR STATIONARY IDLER ASSEMBLY

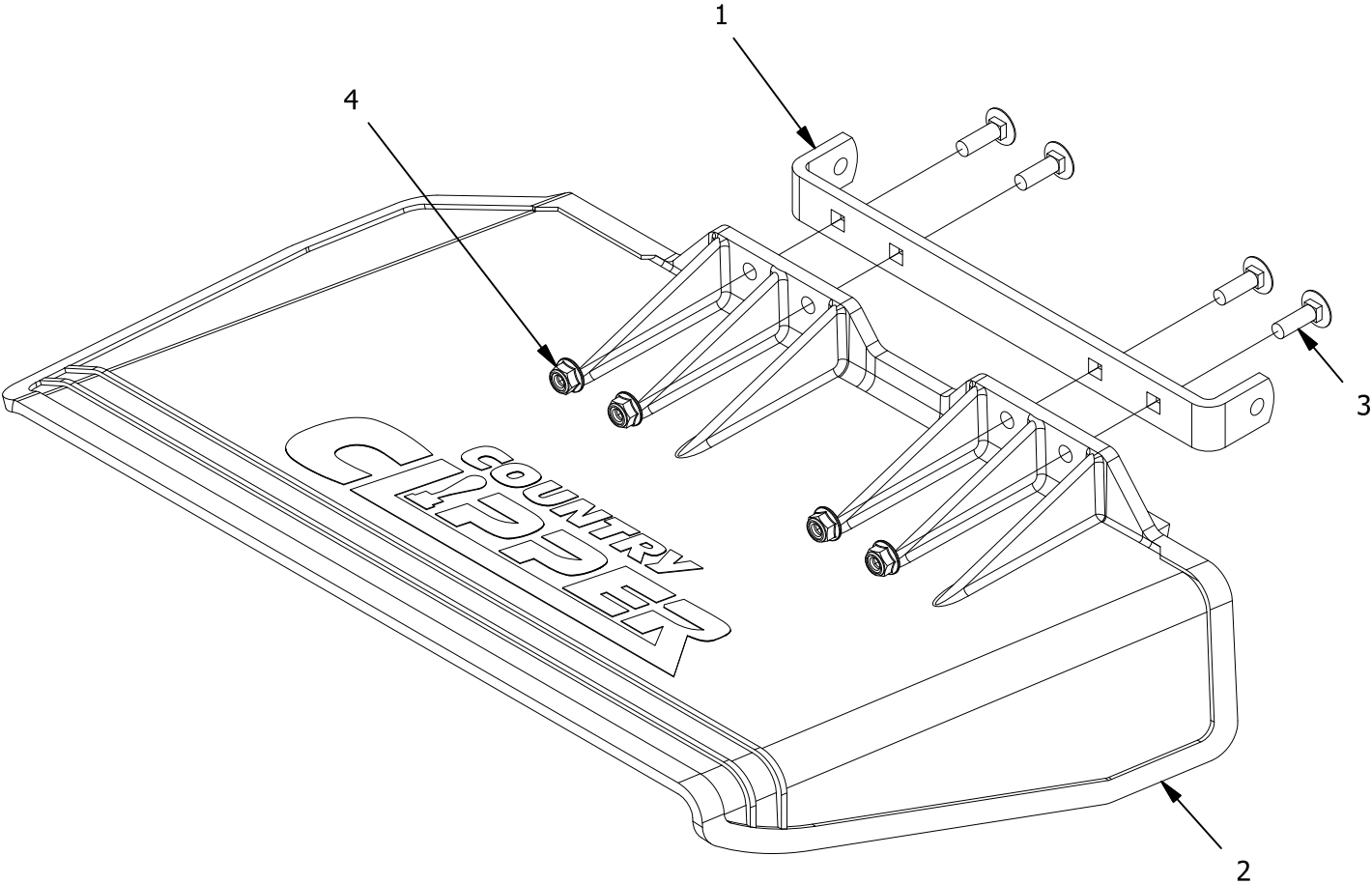


FRONT STATIONARY IDLER ASSEMBLY



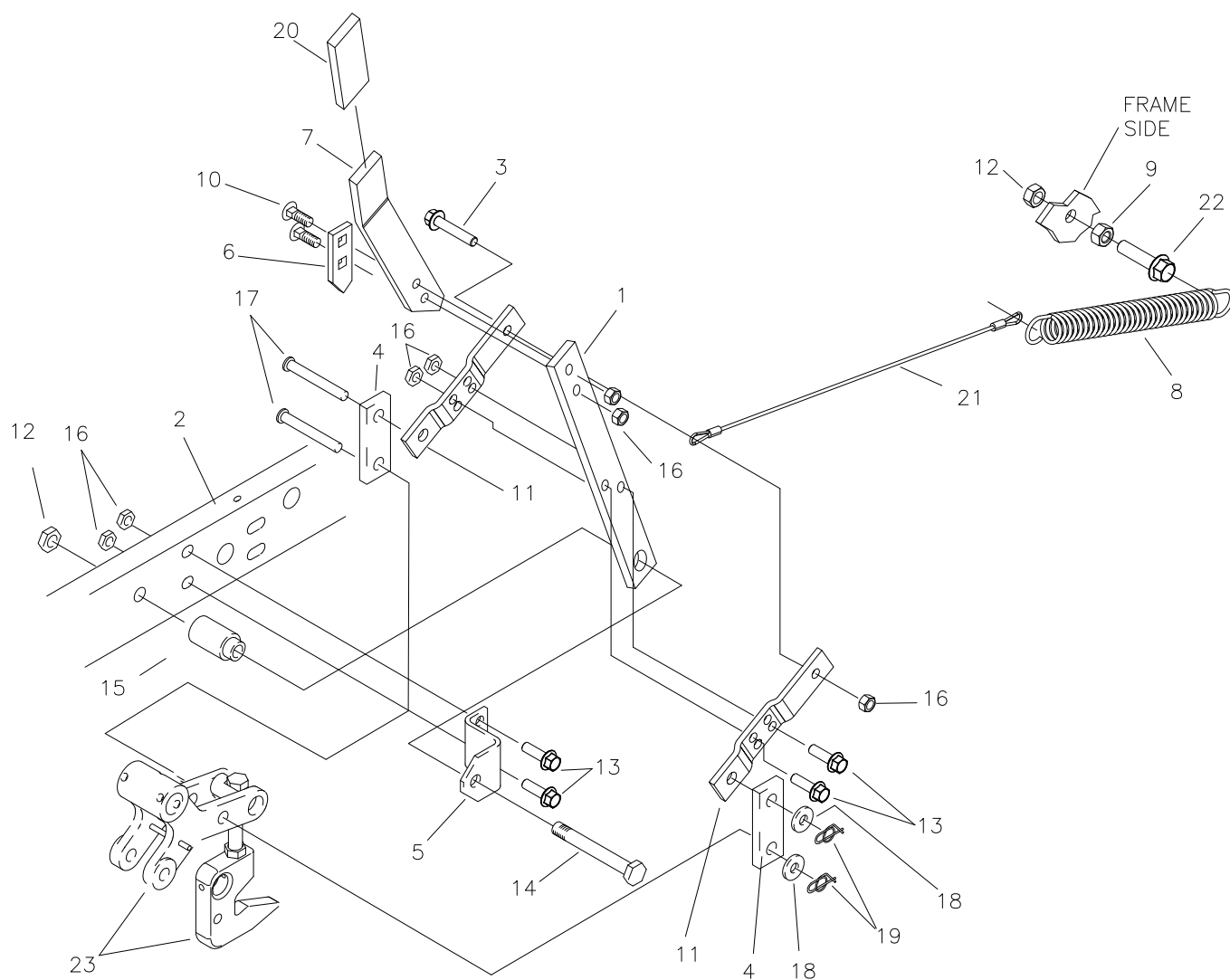
REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	620-201P	4	WASHER, BEARING CAP	7	F-1489	2	1/2-13 Hex Jam Nut
2	660-112P	1	BELT KEEPER	8	F-1521	6	1/2" WASHER, CUSTOM
3	660-148P	2	SPACER, IDLER MOUNT	9	F-1966	2	1/2-13 THIN NYLOC NUT
4	D-3903	1	PULLEY, FLAT IDLER, 6" (NTN)	10	F-2079	1	CARRIAGE BOLT 1/2-13 X 3-3/4"
5	D-3904	1	PULLEY, FLAT IDLER, 5" (NTN)	11	F-2106	1	1/2-13 X 3-1/2" CARRIAGE BOLT
6	F-1464	2	1/2" LOCKWASHER	12	F-2152	2	Nut, 1/2-13 Nyloc, Flanged

MOLDED CHUTE ASSEMBLY
{643-111A}



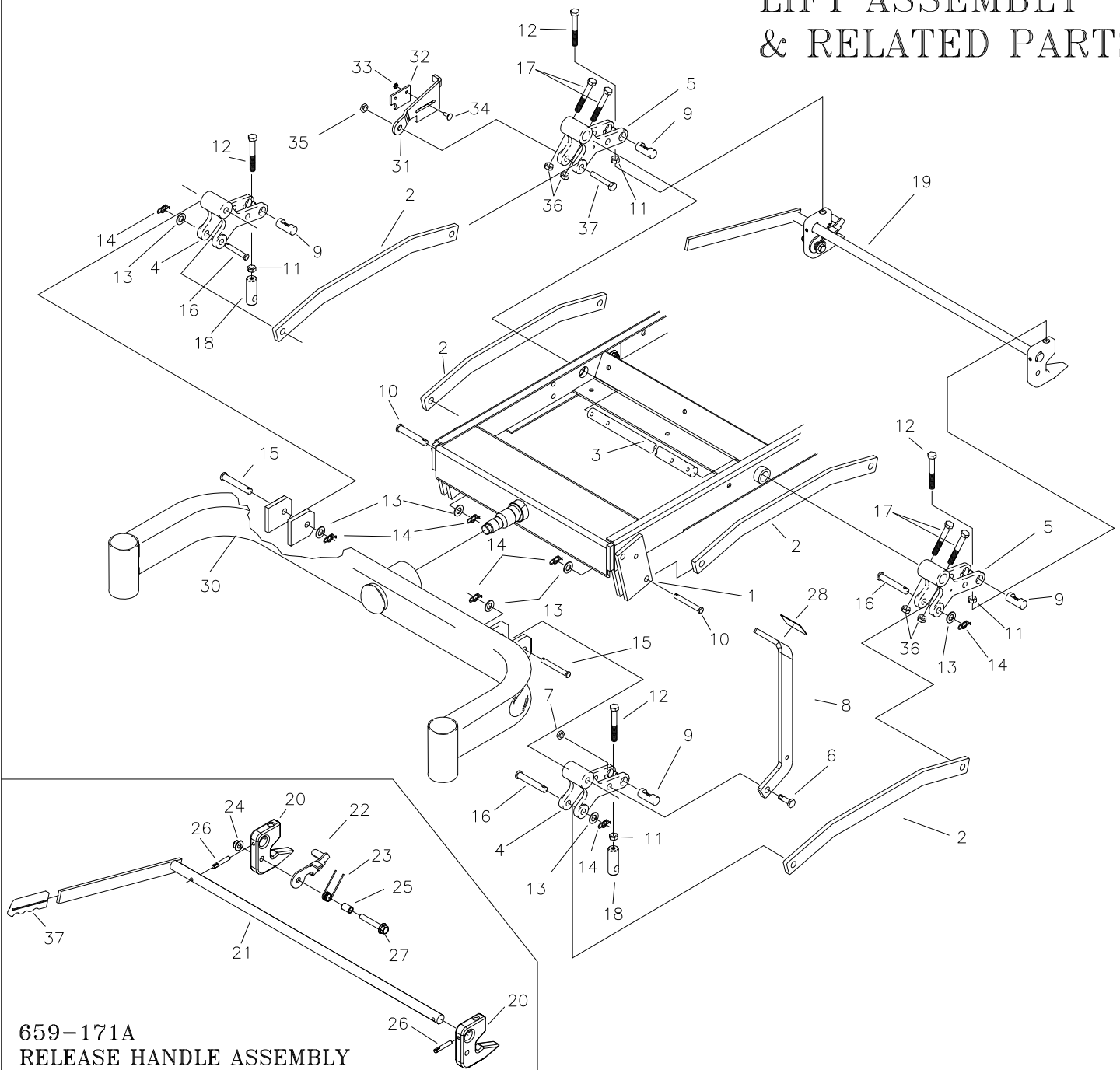
REF NO.	PART NO.	QTY.	DESCRIPTION
1	643-110P	1	CHUTE HINGE
2	H-2723	1	CHUTE, DISCHARGE, SMALL
3	F-2066	4	5/16-18 x 1" CARRIAGE BOLT,
4	F-2063	4	NUT, 5/16-18 NYLOC, FLANGED

LIFT HANDLE ASSEMBLY & RELATED PARTS



REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	709-102P	1	LIFT HANDLE, LOWER	15	642-095P	1	HANDLE PIVOT PIN
2	659-022W	1	FRAME WELDMENT, LH.	16	F-1005-03	7	NUT, 3/8-16 LOCKNUT (STOVER)
3	F-2126	1	3/8-16 X 2" CAPSCREW	17	F-1889	2	CLEVIS PIN, 1/2 X 2 5/8"
4	642-061P	2	HANDLE LINK	18	F-1521	2	1/2" FLAT WASHER
5	642-041P	1	HANDLE PIVOT BRACKET	19	H-2239	2	RUE RING, 1/2"
6	642-127P	1	TOP PEG LATCH PLATE	20	H-2324	1	VINYL GRIP, 3/8 X 1 1/2"
7	659-355P	1	LIFY HANDLE, UPPER	21	H-2460	1	SPRING EXTENSION CABLE
8	H-1610	1	SPRING, 1 1/2" OD. X 8"	22	F-2128	1	FHCS 1/2-13 X 2" GR. 5
9	F-1462	1	NUT, 1/2-20 JAM	23	-----	-	SEE PAGE 9
10	F-1672	2	CARRIAGE BOLT, 3/8-16 X 1 1/4"				
11	642-060P	2	SPRING ANCHOR PLATE				
12	F-1005-05	2	NUT, 1/2-13 LOCKNUT				
13	F-2125	4	1/2-13 X 1 1/4" GR. 5				
14	F-1439	1	1/2-13 X 3" GR. 5				

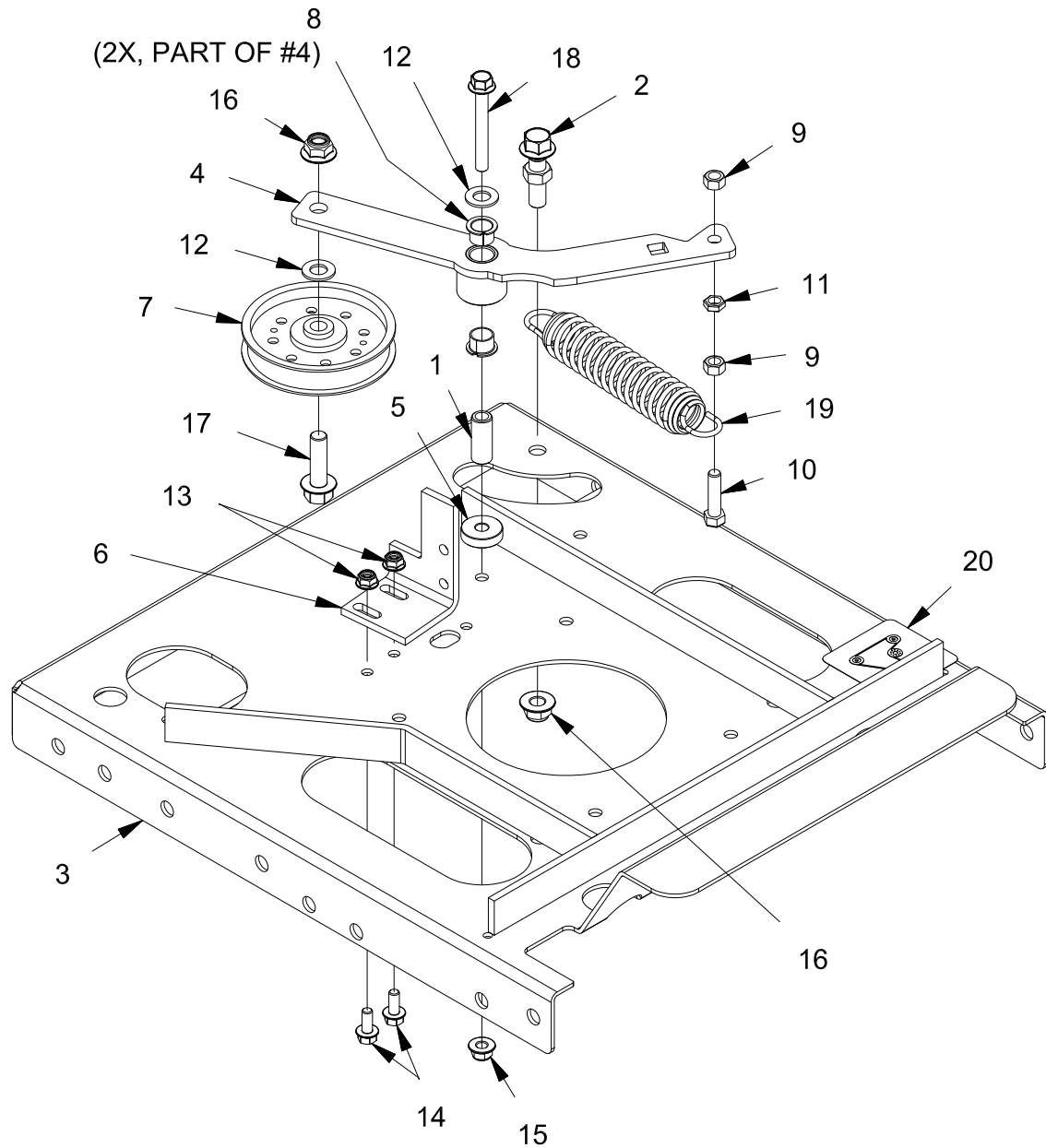
LIFT ASSEMBLY & RELATED PARTS



**659-171A
RELEASE HANDLE ASSEMBLY**

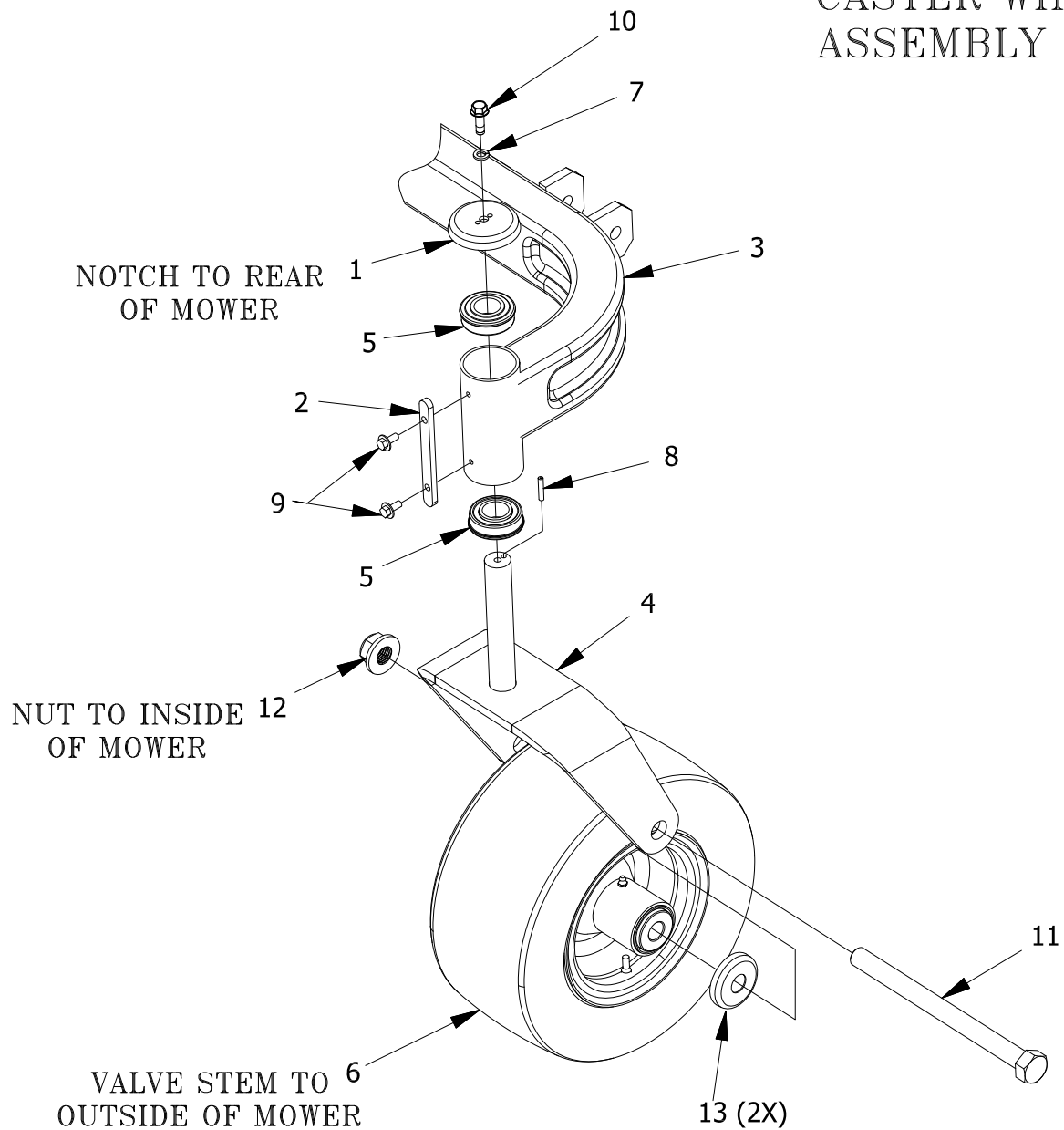
REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	642-063P	4	DRAG BAR TAB	20	659-140P	2	DECK HOOK
2	659-299P	4	DRAG LINK BAR	21	659-148W	1	RELEASE HANDLE WELDMENT
3	620-051P	1	LIFT BAR	22	659-372P	1	HOOK KEEPER
4	642-081P	2	LIFT SLEEVE, FRONT	23	H-2547	1	SPRING, TORSION
5	642-193P	2	LIFT SLEEVE, REAR	24	F-2151	1	NUT, 3/8-16, NYLOC, FLANGED
6	F-1879	1	5/16-18 X 1 1/4" GR.5	25	707-073P	1	SPACER
7	F-1125	1	5/16-18 STOVER NUT	26	F-2187	2	PIN, GROOVED, "c", 1/4X1.50", HARDENED
8	659-056P	1	DECK LIFT PEDAL	27	F-2218	1	FHCS, 3/8-16X2-1/4", YZ, GR5
9	642-177P	4	HANGER PIN	28	H-2401	1	TREAD PAD
10	F-1815	2	CLEVIS PIN, 1/2 X 1 1/2"	29	H-1926	1	1/4"x1" HANDLE GRIP
11	F-1489	4	NUT, 1/2" JAM	30	659-287W	1	FRONT AXLE WELDMENT
12	F-1936	4	1/2-13 X 3 1/2, 2" THREAD	31	663-089P	1	LATCH PLATE
13	F-1521	7	WASHER, 1/2 NARROW	32	659-170P	1	PLATE, CATCH
14	H-2239	7	RUE RING, 1/2"	33	F-1158	2	NUT, 1/4" STOVER
15	F-1890	2	CLEVIS PIN, 1/2 X 3 1/2"	34	F-1823	2	CARRIAGE BOLT, 1/4-20 X 3/4"
16	F-1898	3	CLEVIS PIN, 1/2 X 2 3/4"	35	F-1005-05	1	1/2" STOVER NUT
17	F-2039	4	5/16-24 x 2" HHCS	36	F-2041	4	5/16-24 JAM NUT
18	642-175P	2	ADJUSTABLE HANGER END	37	F-1828	1	1/2-13 x 3-1/2" CAPSCREW
19	659-171A	1	RELEASE HANDLE ASSEMBLY				

TRANSMISSION IDLERS & RELATED PARTS



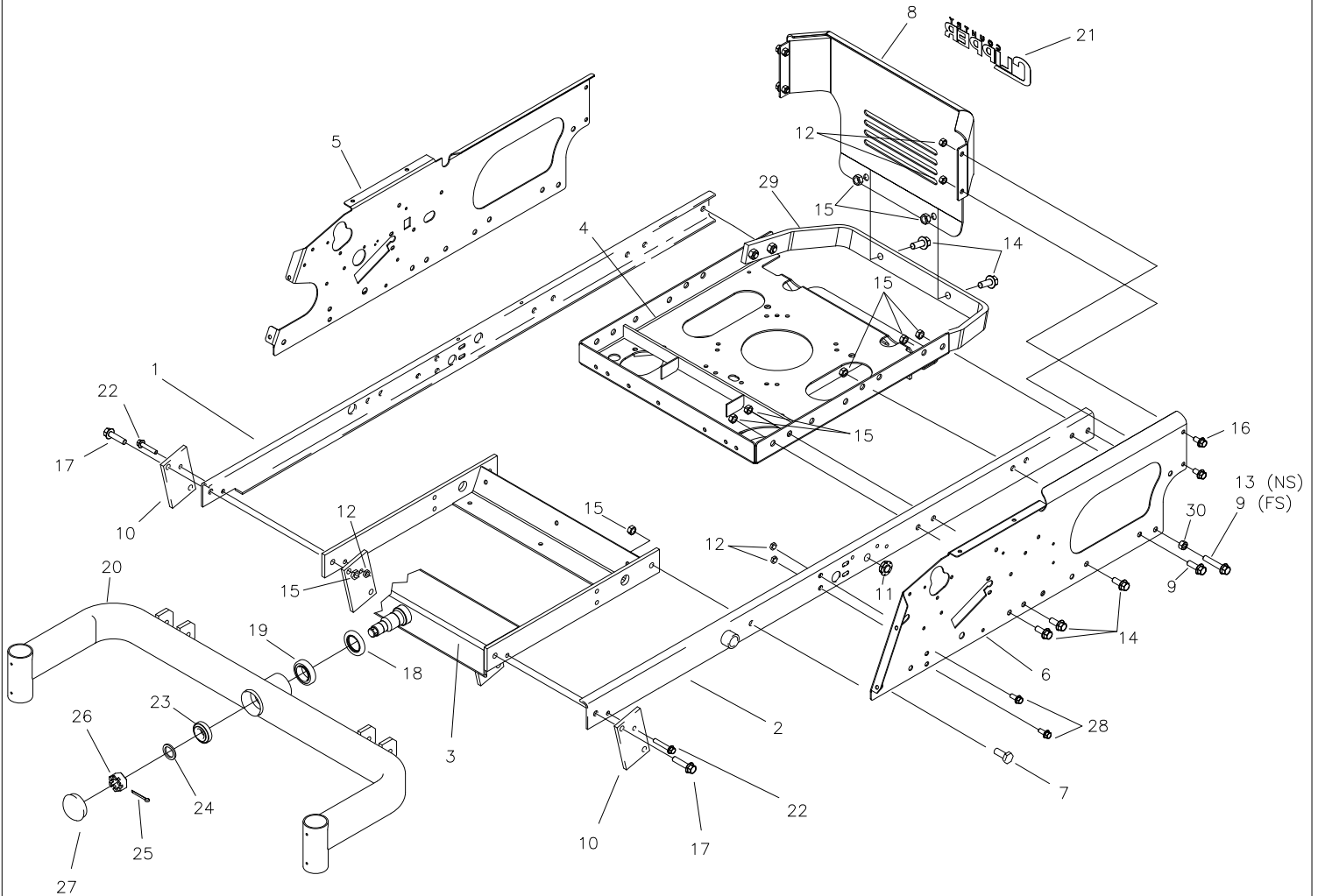
ITEM #	PART #	QTY	DESCRIPTION	ITEM #	PART #	QTY	DESCRIPTION
1	659-085P	1	Mounting Pin	11	F-1486	1	3/8-16 Jam Nut
2	700-146A	1	SPRING ANCHOR ASS'Y	12	F-1521	12	1/2" WASHER, CUSTOM
3	707-009W	1	WLDT,MOUNT,MOTOR	13	F-2063	57	Nut, 5/16-18 Nyloc, Flanged
4	707-012A	1	S/A, IDLER ARM	14	F-2120	32	FHCS, 5/16-18 x 0.75, YZ, GR5
5	707-022P	1	SPACER,3/8X1-1/4,.500	15	F-2151	24	Nut,3/8-16 Nyloc, Flanged
6	707-033P	1	CLUTCH STOP	16	F-2152	20	Nut,1/2-13 Nyloc, Flanged
7	D-3922	1	4" Idler Pulley 1/2" Bore	17	F-2154	1	FHCS, 1/2-13 x1-3/4", YZ, GR5
8	D-3730	2	FLANGED BUSHING	18	F-2180	1	FHCS, 3/8-16 x 3", YZ, GR5
9	F-1005-03	2	3/8-16 Stover Nut	19	H-2995	1	SPRING,6.25 X 1-1/2,TAPERED ENDS
10	F-1015-27	1	3/8-16 x 1-1/2" Capscrew	20	P-12918	1	DECAL, HYDRO BELT ROUTING

CASTER WHEEL ASSEMBLY



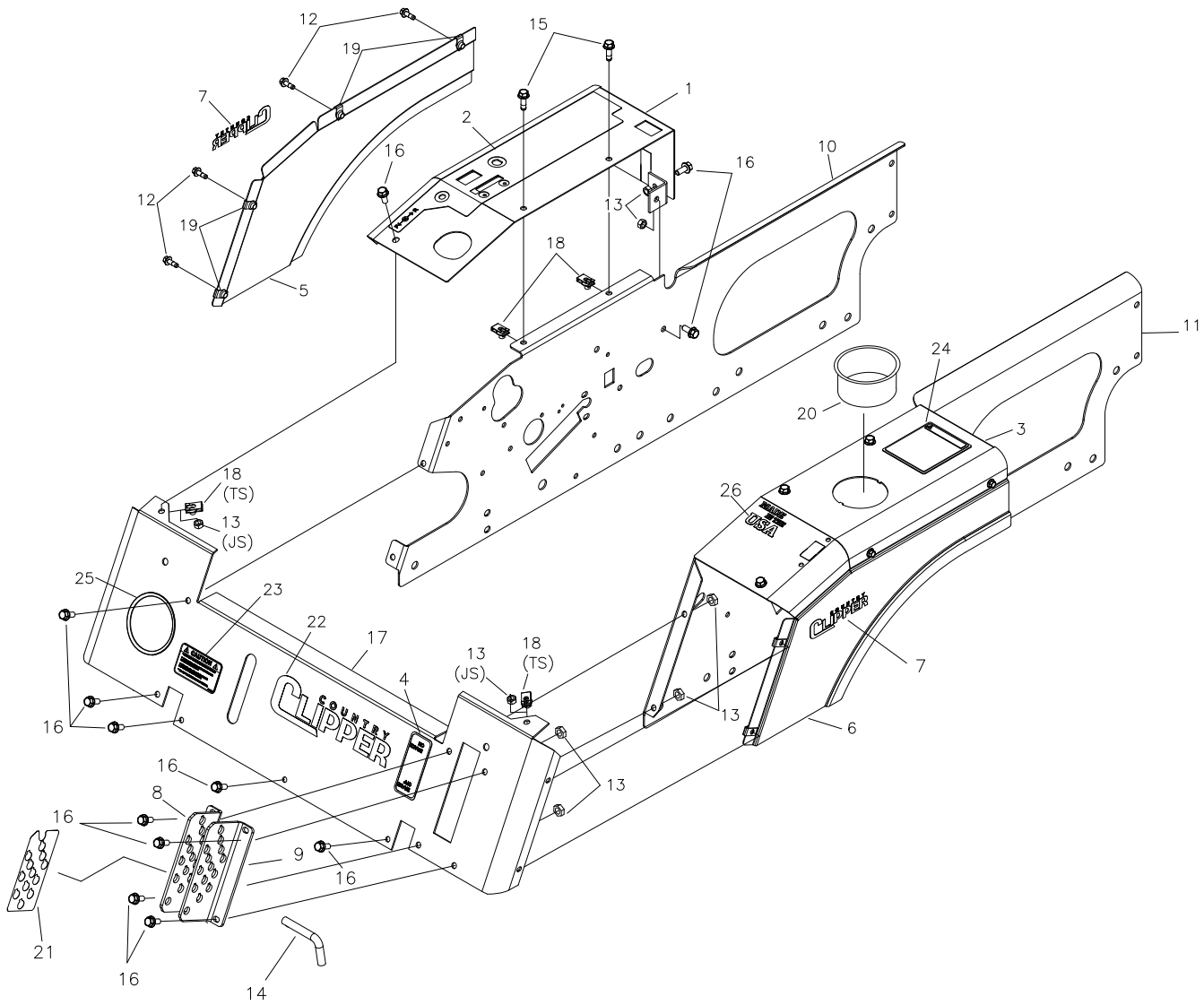
REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	636-176P	2	Bearing Cap	8	F-1855	2	3/16 x 1" Roll Pin (Heavy Duty)
2	659-185P	2	Stop Tab	9	F-2030	4	1/4 x 5/8 Self Tapping Capscrew
3	659-287W	1	WLDT, AXLE, FRONT	10	F-2121	10	FHCS, 5/16-18x1.00, YZ, LOCK PATCH, GR5
4	663-217W	2	WLD'T, CASTER YOKE	11	F-2194	2	HHCS, 3/4-10 X 9-1/2", YZ, GR5
5	D-2008-02	4	Bearing SF-16-32	12	F-2195	2	NUT, FLANGE NYLOC, YZ
6	D-3936	2	TIRE ASS'Y, WHITE, SMOOTH, 13X6.5-6	13	663-221P	2	CAP FOR BEARINGS
7	F-1019-02	2	5/16" LockWasher				

FRAME SIDES & RELATED PARTS



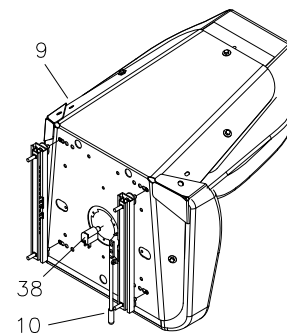
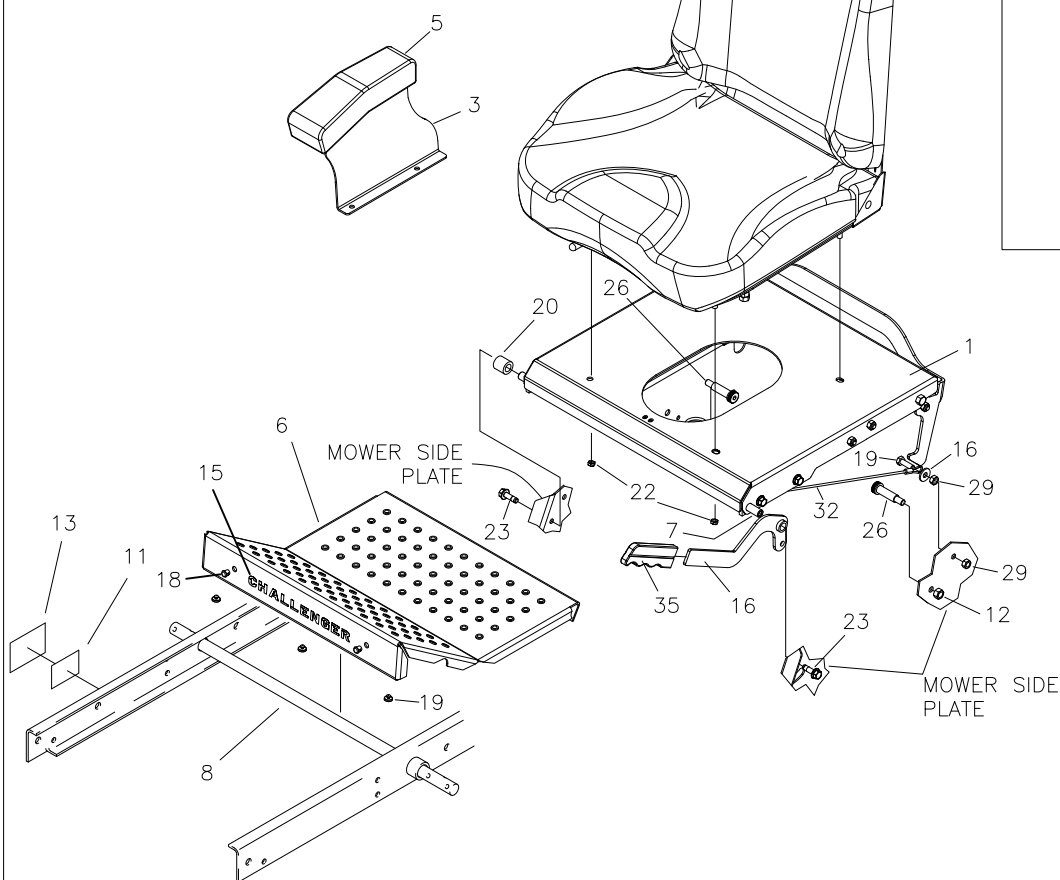
REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	663-185W	1	FRAME SIDE RH.	16	F-2124	4	FHCS, 3/8-16 X 3/4" GR.5
2	663-187W	1	FRAME SIDE LH.	17	F-2128	2	FHCS, 1/2-13 X 2", GR.5
3	709-157W	1	AXLE MOUNTING WLDT.	18	H-2812	1	SEAL SHAFT
4	707-009W	1	MOTOR MOUNT WLDT.	19	D-3825	1	BEARING, TAPARED SET
5	707-091P	1	SIDE PANEL RH	20	659-287W	1	FRONT AXLE WELDMENT
6	707-092P	1	SIDE PANEL LH	21	P-13312	1	DECAL, LOGO, CHROME w/BLK, LG
7	F-1386	2	1/2-13 X 1-1/4" GR.5	22	F-2126	2	FHCS, 3/8-16 X 2" GR.5
8	707-098A	1	ENGINE GUARD w/DECAL	23	D-3826	1	BEARING, TAPARED SET
9	F-2140	3	FHCS, 1/2-13 X 1-1/2" GR.5	24	606-303P	1	1" WASHER
10	642-063P	2	DRAG BAR TAB	25	F-1728	1	3/16 X 2" COTTER PIN
11	H-2773	2	BEARING, FLG-SPHERICAL, IGUS	26	F-1724	1	1-14 SLOTTED NUT
12	F-2151	10	NUT, 3/8-16, NYLOC FLANGED	27	H-1924	1	GREASE CAP
13	F-1936	1	1/2-13 X 3-1/2" CAPSCREW	28	F-2125	4	FHCS, 3/8-16 X 1-1/4"
14	F-2127	15	FHCS, 1/2-13 X 1-1/4" GR.5	29	707-003P	1	GUARD, BUMPER
15	F-2152	17	NUT, 1/2-13, NYLOC FLANGED	30	F-1005-05	1	1/2-13 LOCK NUT

FENDER ASSEMBLY

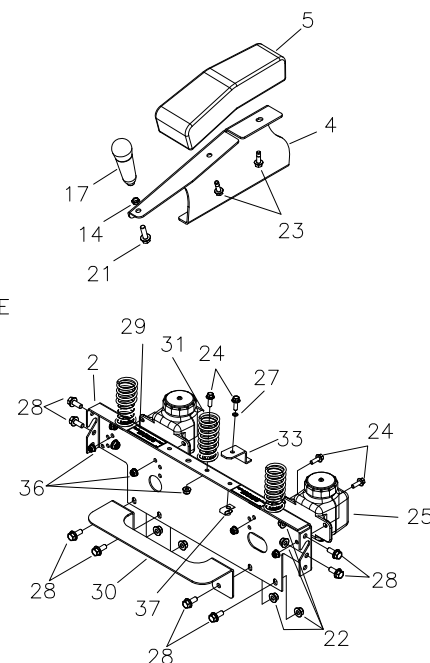


REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	625-133A	1	FENDER CAP w/DECAL, RH	14	H-3013	1	DECK HEIGHT PIN
2	P-12925	1	DECAL, CONTROL PANEL	15	F-2121	4	FHCS, 5/16-18x1" GR.5 w/PATCH
3	625-134A	1	FENDER CAP w/DECAL, LH	16	F-2120	15	FHCS, 5/16-18 X 3/4" GR.5
4	P-11382	1	DECAL, PARK BRAKE	17	707-107A	1	FRONT PANEL w/DECALS
5	707-103A	1	FENDER SKIRT w/DECAL, RH	18	F-1860	6	5/16-18 "U"-NUT
6	707-104A	1	FENDER SKIRT w/DECAL, LH	19	F-1858	8	1/4-20 "U"-NUT
7	P-13311	2	DECAL, LOGO, CHROME w/BLK, SM	20	H-2228	1	CUP HOLDER
8	647-259A	1	LATCH PLATE RH W/DECAL	21	P-13325	1	DECAL, DECK LIFT
9	647-258P	1	LATCH PLATE LH	22	P-13312	1	DECAL, LOGO, CHROME w/BLK, LG
10	-----	1	SEE PAGE 12	23	P-12557	1	DECAL, "CAUTION"
11	-----	1	SEE PAGE 12	24	P-11370	1	DECAL, WARNING
12	F-2119	8	FHCS, 1/4-20x3/4", GR.5 w/PATCH	25	H-1626	1	U CHANNEL TRIM
13	F-2063	13	NUT, 5/16-18, NYLOC FLANGED	26	P-13000	1	DECAL, "USA"

SEAT, FOOTDECK & RELATED PARTS

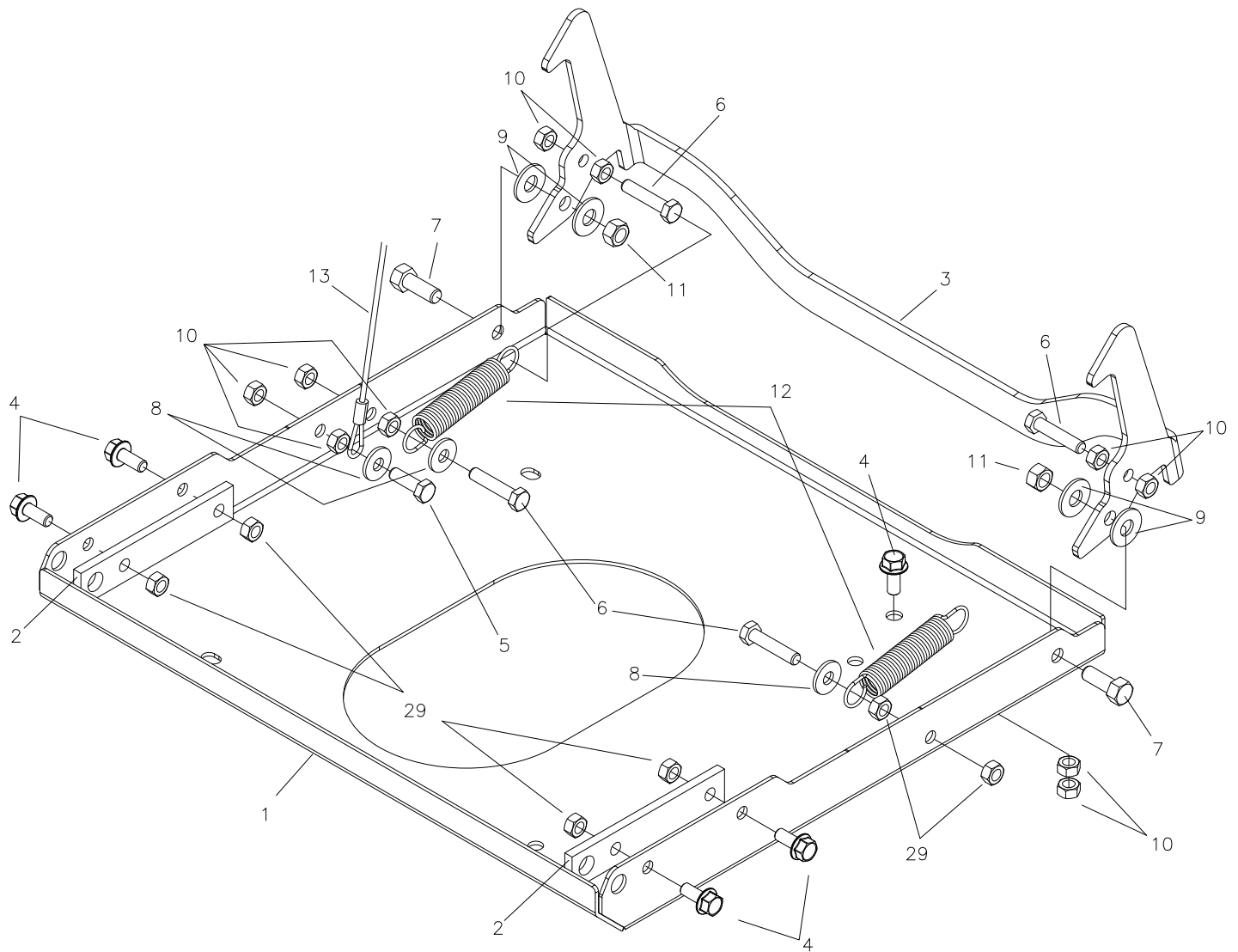


SEAT ASS'Y



REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	707-005P	1	PLATE, SEAT	20	707-046P	1	SPACER, SEAT PAN
2	707-039P	1	PLT, REAR SEAT FILLER	21	F-2125	1	FHCS, 5/16-18x1-1/4" GR5
3	707-047P	1	PLATE, ARM REST RH	22	F-2063	4	NUT, 5/16-18, NYLOC, FLANGED
4	707-070P	1	PLATE, ARM REST LH (JOYSTICK)	23	F-2121	6	FHCS 5/16-18x1" w/PATCH
-	707-048P	1	PLATE, ARM REST LH (TWINSTICK)	24	F-1015-02	1	1/4-20 X 5/8", GR.5
5	H-2763	2	PAD, ARM REST	25	D-3791	2	HYDRO OIL TANK
6	629-834A	1	FOOT DECK w/DECALS	26	F-1783	2	1/2"x1-1/2" SHOULDER BOLT, SOCKET
7	707-043P	1	PIN, SEAT HINGE	27	F-1019-01	1	1/4" LOCK WASHER
8	620-051P	1	LIFT BAR	28	F-2120	8	FHCS, 5/16-18x3/4" GR5
9	H-3064	1	SEAT	29	P-11052	2	HYDRO FLUID DECAL
10	H-2760	1	TRACK KIT	30	707-066P	1	SHELF, REAR, FUEL TANK
11	P-13205	1	SERIAL TAG	31	H-1920	3	SPRING, ASSIST
12	F-1005-03	2	3/8-16 LOCK NUT	32	H-2460	1	CABLE
13	P-12473	1	SERIAL TAG LAMINATION DECAL	33	659-137P	1	BATTERY HOLD DOWN
14	F-1486	1	3/8-16 JAM NUT	34	F-1538	3	1/4-20x3/4" CAPSCREW
15	P-13316	1	DECAL, CHALLENGER	35	H-1926	1	HANDLE, GRIP
16	707-042W	1	BRAKE HANDLE	36	F-1005-01	1	1/4-20 STOVER NUT
17	H-2764	1	HANDLE, JOYSTICK	37	F-1858	1	1/4-20 "U" NUT
18	H-1280	2	CAP PLUG, PLASTIC	38	E-6580	1	PLUNGER,SEAT SWITCH E-6374
19	H-2461	3	RUBBER BUMPER				

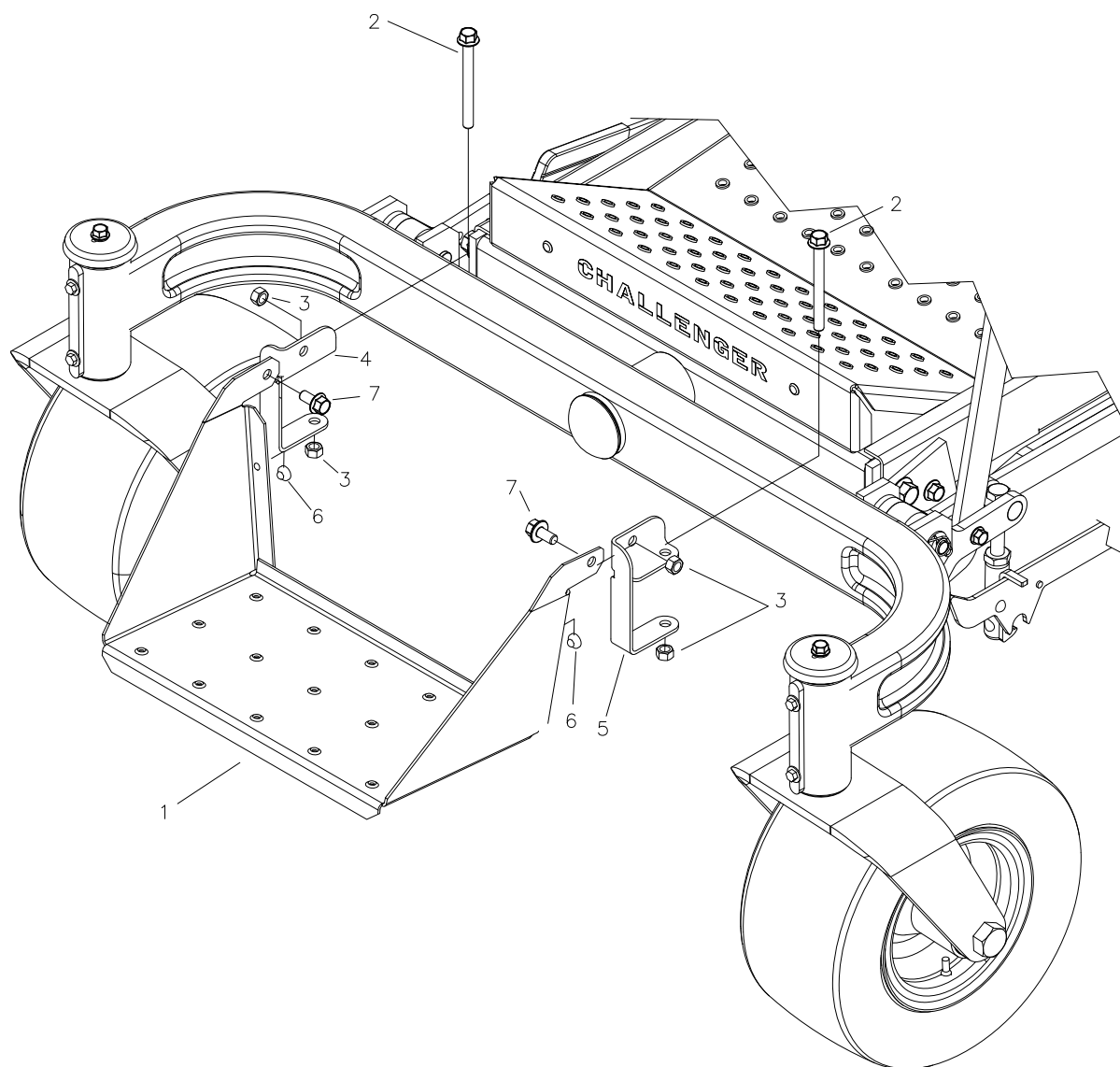
SEAT, FOOTDECK & RELATED PARTS (CON'T)



UNDERSIDE OF SEAT MOUNTING BASE "#1" – LATCH PARTS

REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	707-005P	1	PLATE, SEAT	8	F-1009-02	3	5/16 FLAT WASHER
2	707-045P	2	BAR, REINFORCEMENT, SEAT	9	F-1521	4	1/2" WASHER, SPECIAL
3	707-080P	1	LATCH SEAT	10	F-1125	16	5/16-18 NUT, STOVER
4	F-2120	5	FHCS, 5/16-18x3/4" GR5	11	F-1005-03	2	3/8" FLAT WASHER
5	F-1015-15	1	5/16-18 x 1" CAPSCREW	12	H-1635	2	3/4 x 4" EXTENSION SPRING
6	F-1015-27	4	5/16-18 x 1-1/2", CAPSCREW	13	H-2460	1	CABLE, SEAT
7	F-1394	2	3/8-16 x 1" CAPSCREW				

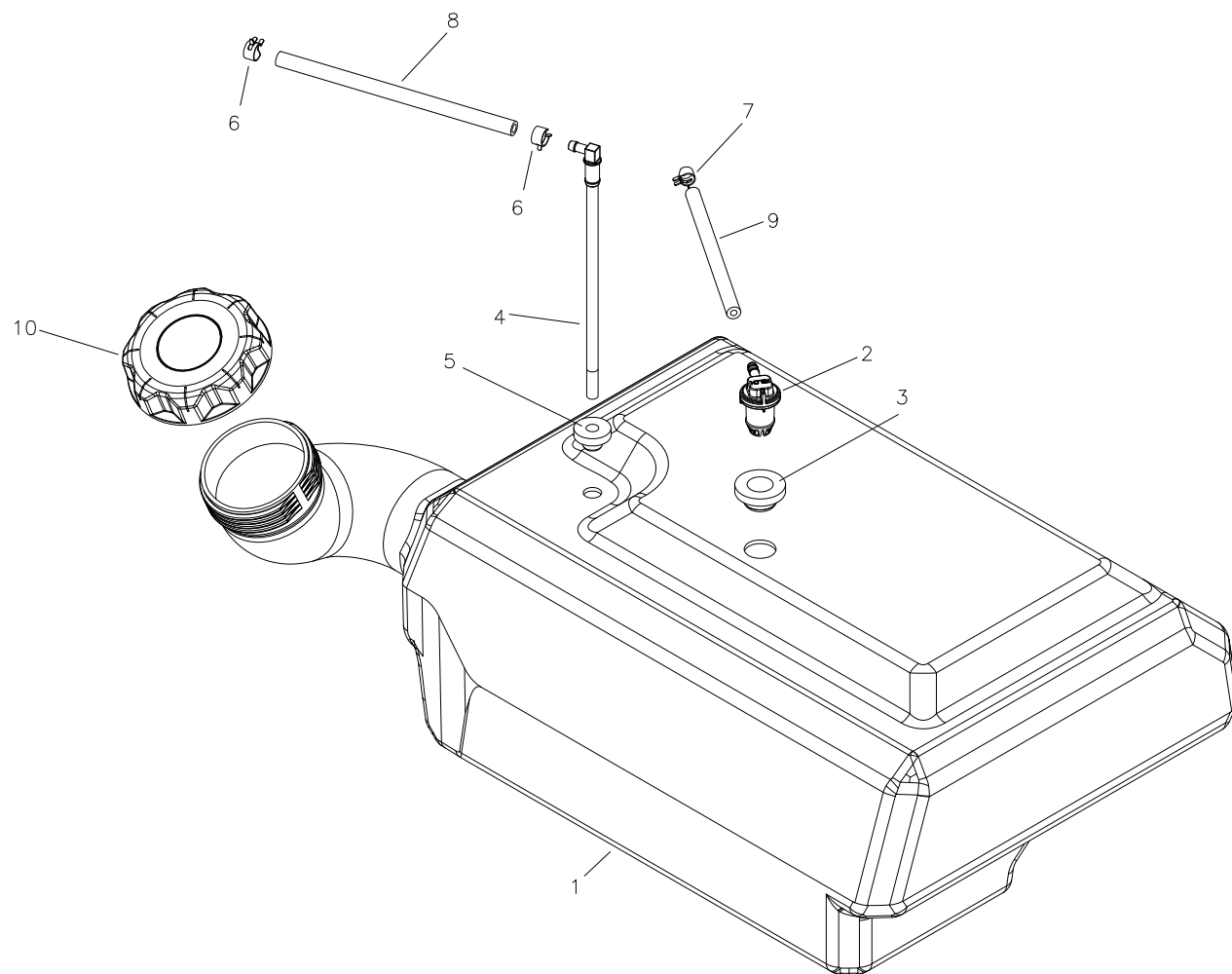
FRONT STEP ASSEMBLY



REF NO.	PART NO.	QTY.	DESCRIPTION
1	663-134P	1	FRONT STEP
2	F-2142	2	FHCS, 3/8-16 X 4" GR.5
3	F-2151	4	NUT, 3/8-16, NYLOC FLANGED
4	659-241P	1	BRACKET, STEP MOUNT, RH
5	659-242P	1	BRACKET, STEP MOUNT, LH
6	H-2461	2	RUBBER BUMPER BUTTON
7	F-2124	2	FHCS, 3/8-16 X 3/4" GR.5

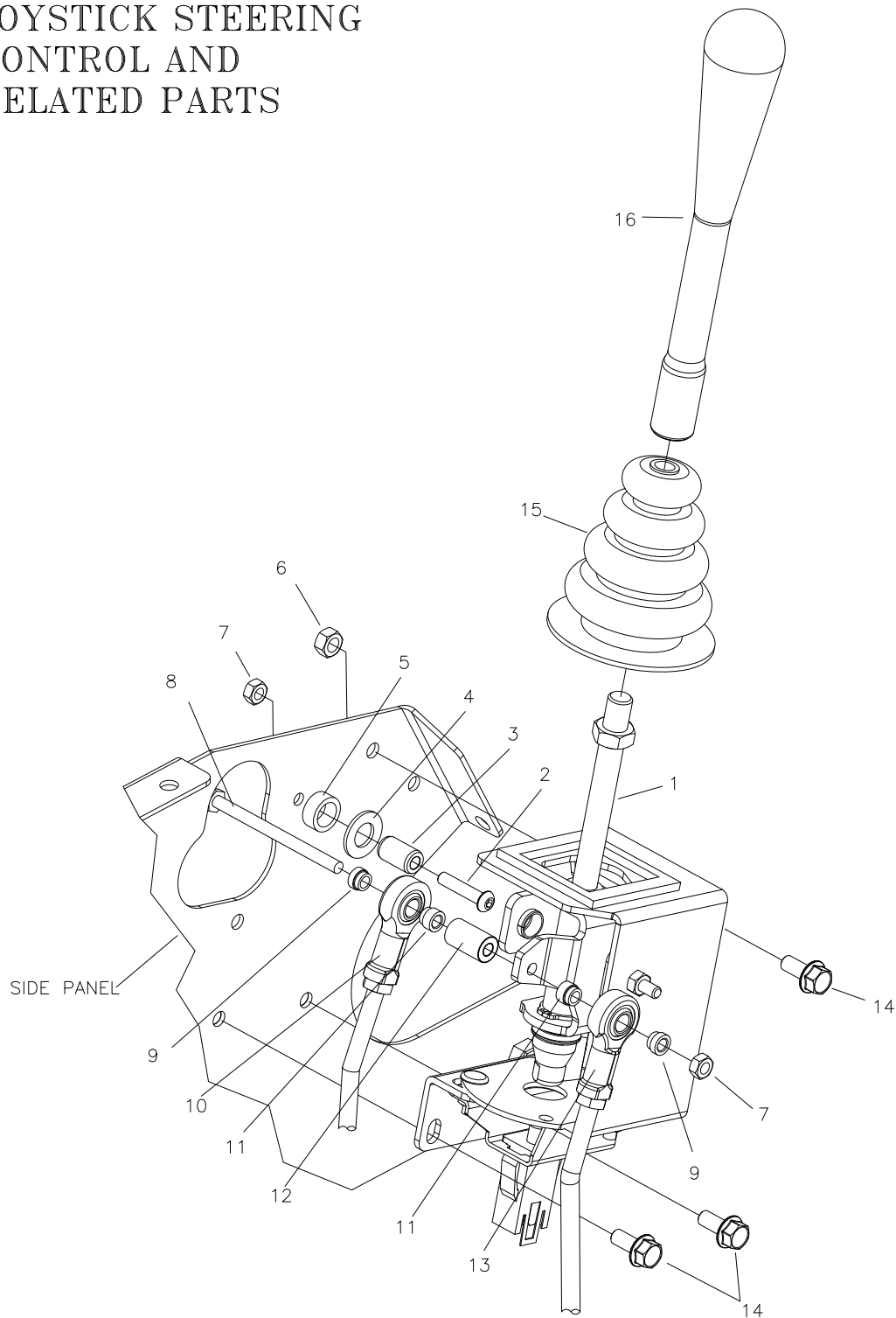
FUEL TANK ASSEMBLY H-2944

(INCLUDES ALL PARTS EXCEPT #6-10)



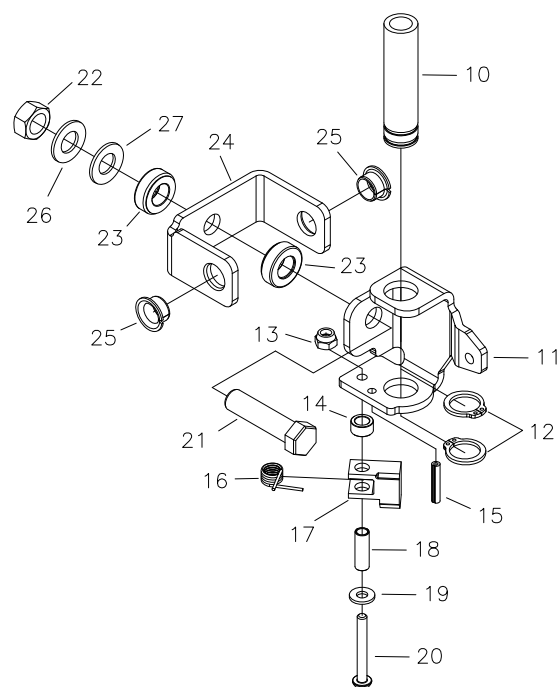
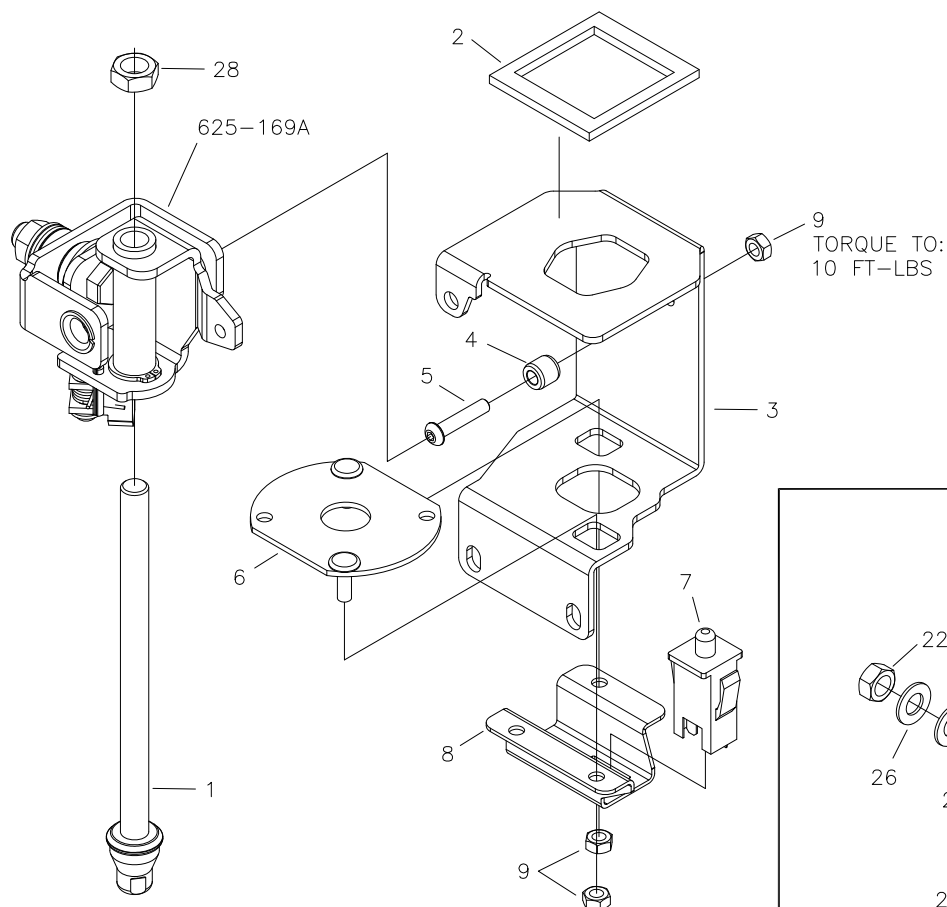
REF NO.	PART NO.	QTY.	DESCRIPTION
1	-----	—	7 GALLON TANK, VENTED
2	H-2678	1	REMOTE VENT
3	H-2679	1	REMOTE VENT GROMMET
4	H-2742	1	PICK UP TUBE
5	H-2741	1	GROMMET, PICK UP TUBE
6	H-1687	2	HOSE CLAMP, 1/2"
7	H-2698	2	VENT LINE CLAMP
8	H-1648	4.0ft	FUEL LINE
9	H-2697	4.0ft	VENT LINE
10	H-2743	1	GAS CAP, RATCHET

JOYSTICK STEERING CONTROL AND RELATED PARTS



REF NO.	PART NO.	QTY.	DESCRIPTION	REF NO.	PART NO.	QTY.	DESCRIPTION
1	625-172A	1	JOYSTICK ASSEMBLY	10	707-082P	1	LINKAGE, INNER, JOYSTICK
2	F-2103	1	BUTTON SHCS, 1/4-20x1"	11	625-107P	1	BUSHING, .375 ROD END
3	625-119P	1	PIN, PIVOT, JS, LONG	12	625-100P	1	TUBE, PIVOT, JOYSTICK
4	F-1521	1	1/2" WASHER	13	707-083P	1	OUTER, LINKAGE, JOYSTICK
5	625-126P	1	SPACER, JOYSTICK PANEL	14	F-2120	3	FHCS, 5/16-18 x 3/4" GR5
6	F-2063	3	NUT, 5/16-18, NYLOC FLANGED	15	H-1991	1	BOOT
7	F-2132	2	NUT, 1/4-20, NYLOC FLANGED	16	H-2964	1	HANDLE, JOYSTICK
8	F-1020-01	1	1/4-20 x 3-1/2" CAPSCREW				
9	625-116P	1	BUSHING, .375 ROD END, SHORT				

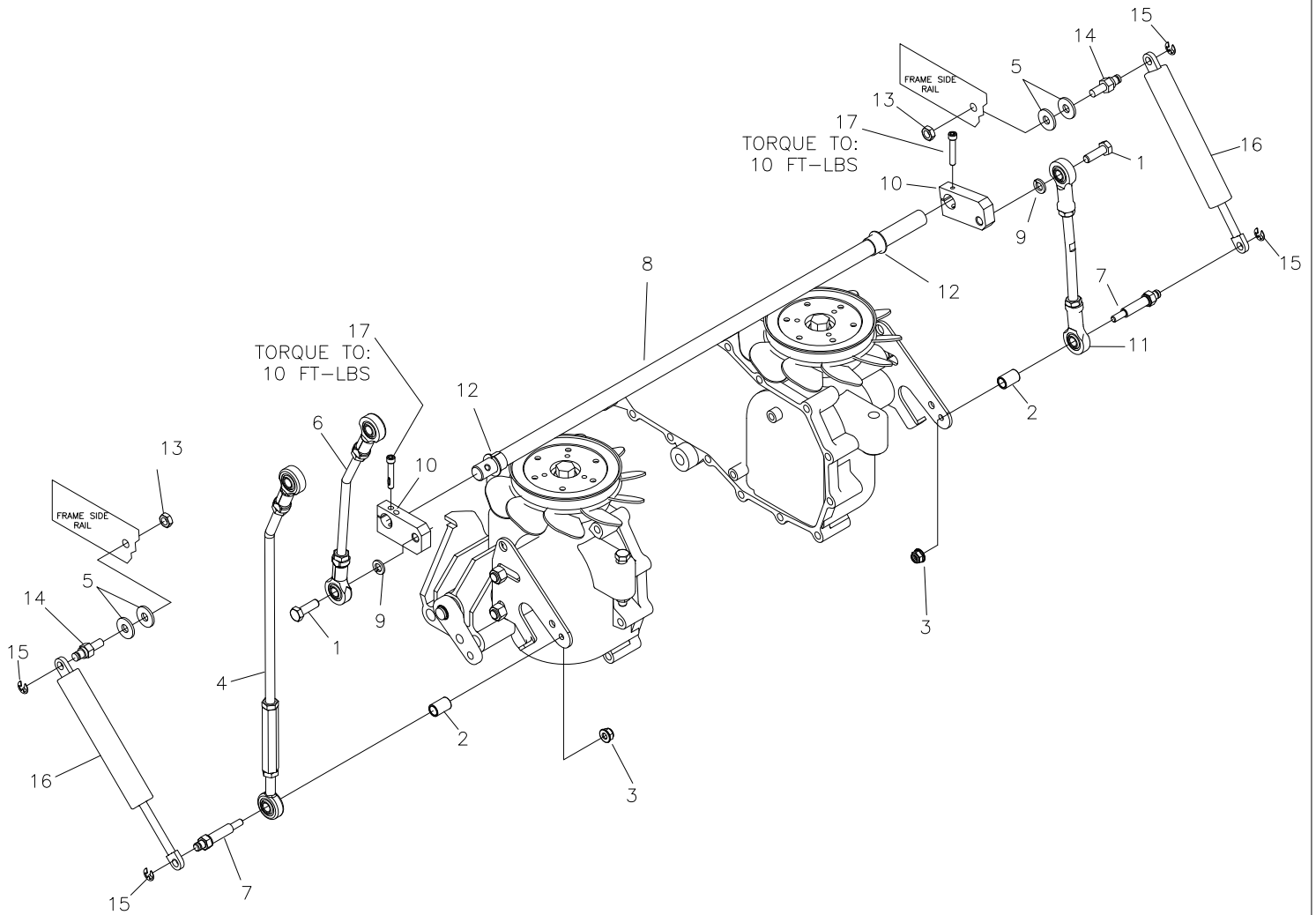
JOYSTICK ASSEMBLY 625-172A



**YOKE, SWIVEL ASSEMBLY
{625-169A}**

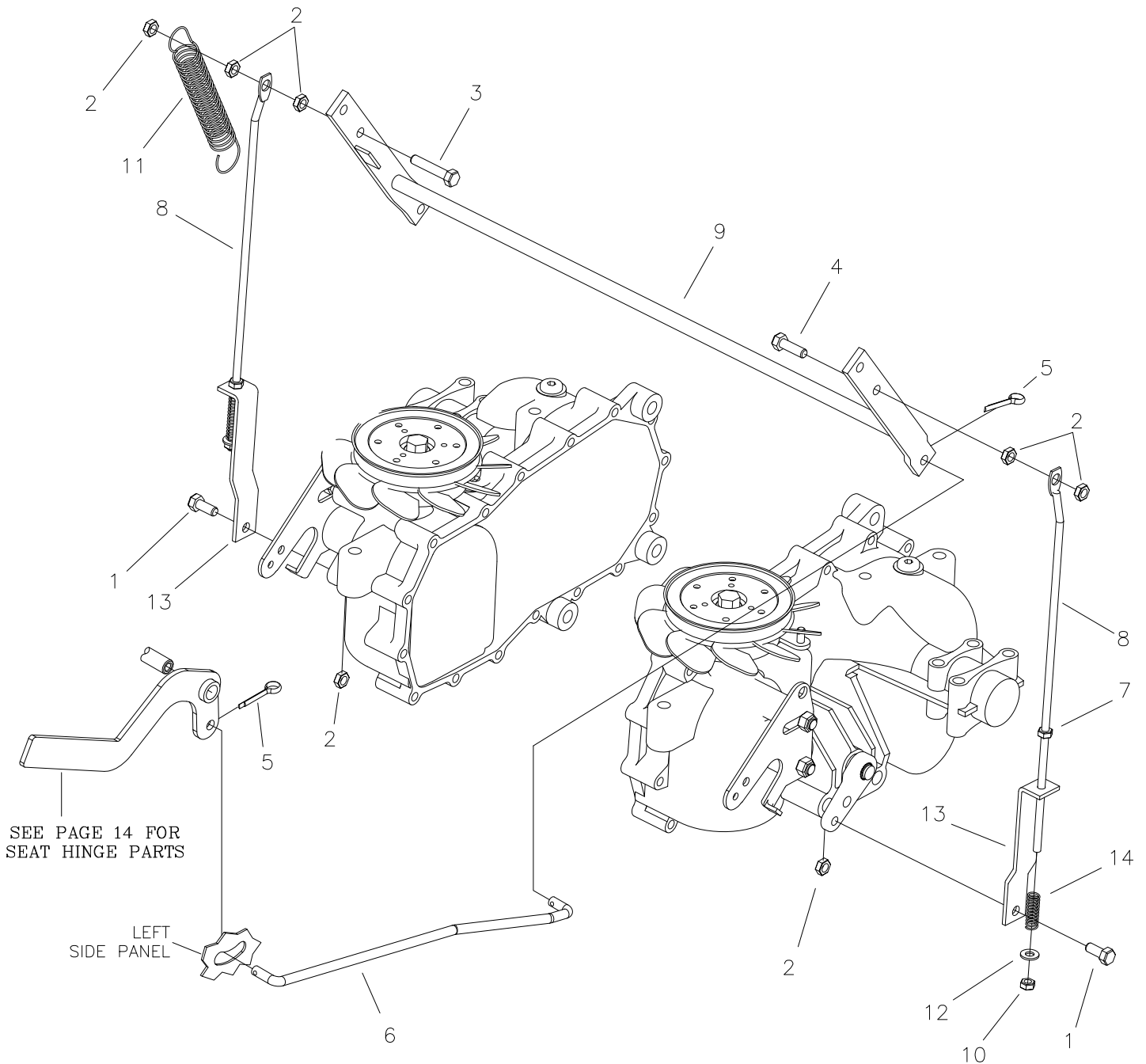
ITEM	PART #	QTY.	DESCRIPTION	ITEM	PART #	QTY.	DESCRIPTION
1	709-169A	1	ROD ASSEMBLY, SHORT	15	F-1503	1	3/16 x 1" SPIRAL PIN
2	H-1947	1	GASKET, FOAM, JOYSTICK	16	H-2710	1	SPRING, DETENT, JOYSTICK
3	625-095P	1	HOUSING, JOYSTICK	17	625-103P	1	TAB, CAM DETENT
4	625-106P	1	PIN, PIVOT, JOYSTICK	18	625-124P	1	TUBE-SPACER, DETENT CAM
5	F-2103	1	BUTTON SHCS, 1/4-20 x 1", CZ	19	F-2136	1	WASHER, FLAT, #12 PLAIN
6	625-127W	1	NEUTRAL PLATE, WLDT	20	F-2135	1	SCR, PANHD, PHLPS, #12-24x1-3/4"
7	E-6474	1	SWITCH, SNAP MOUNT	21	F-1293	1	1/2-13 x 2" CAPSCREW
8	659-285P	1	MOUNT, SWITCH	22	F-1005-05	1	1/2-13 STOVER NUT
9	F-1005-01	3	1/4-20 LOCK NUT	23	D-3931	2	THRUST BEARING
10	625-099P	1	TUBE, GUIDE, CONTROL ROD	24	625-097P	1	PIVOT, JOYSTICK (PART OF 625-128A)
11	625-096P	1	YOKE, SWIVEL, JOYSTICK	25	D-3784	2	BUSHING, FLANGED (PART OF 625-128A)
12	H-2705	2	RING, DETENT, .75 EXT.	26	F-1521	1	1/2" WASHER, CUSTOM
13	F-2137	1	NUT, #12-24, NYLOCK	27	H-2704	1	SPRING, BELLEVILLE, .50x1x.073
14	625-125P	1	SPACER, CAM DETENT	28	F-1462	1	NUT, JAM, 1/2-20, CZ

JOYSTICK STEERING CONTROL & RELATED PARTS



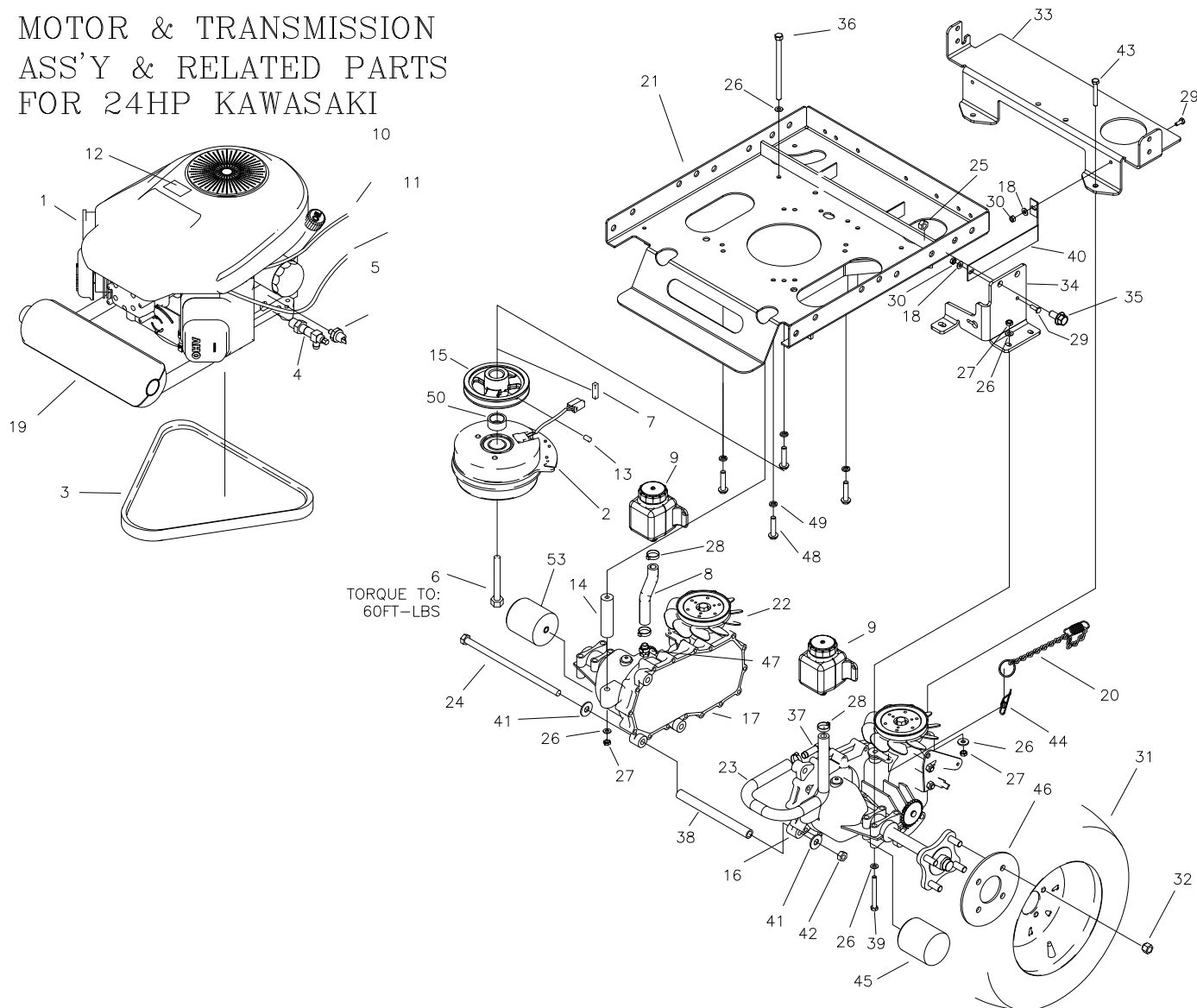
ITEM #	PART #	QTY	DESCRIPTION
1	F-2141	2	FHCS, 3/8-16 X 1", YZ, GR5
2	707-073P	2	STAND-OFF, LINKAGE MOUNT
3	F-2132	2	NUT, 1/4-20 NYLOC, FLANGED
4	707-083P	1	OUTER LINKAGE, JS
5	F-1009-02	4	5/16" FLAT WASHER
6	707-082P	1	INNER LINKAGE, JS
7	707-072P	2	STUD, LINKAGE MOUNT
8	700-150P	1	ROD, SHIFT CROSS
9	F-1019-03	2	3/8" LOCKWASHER
10	700-151P	2	SWIVEL ARM
11	H-2757	1	LINKAGE, JS
12	D-3730	2	BUSHING
13	F-2063	2	NUT, 5/16-16, NYLOC FLANGED
14	638-028P	2	DAMPER BOLT, 5/16-18 x 3/4
15	F-1610	4	E-RING FOR 1/4" SHAFT
16	H-2467	2	DUAL ACTION DAMPER
17	F-2231	2	SHCS, 12-24X1-1/4, YZ, LOCK PATCH

PARKING BRAKE ASSEMBLY & RELATED PARTS



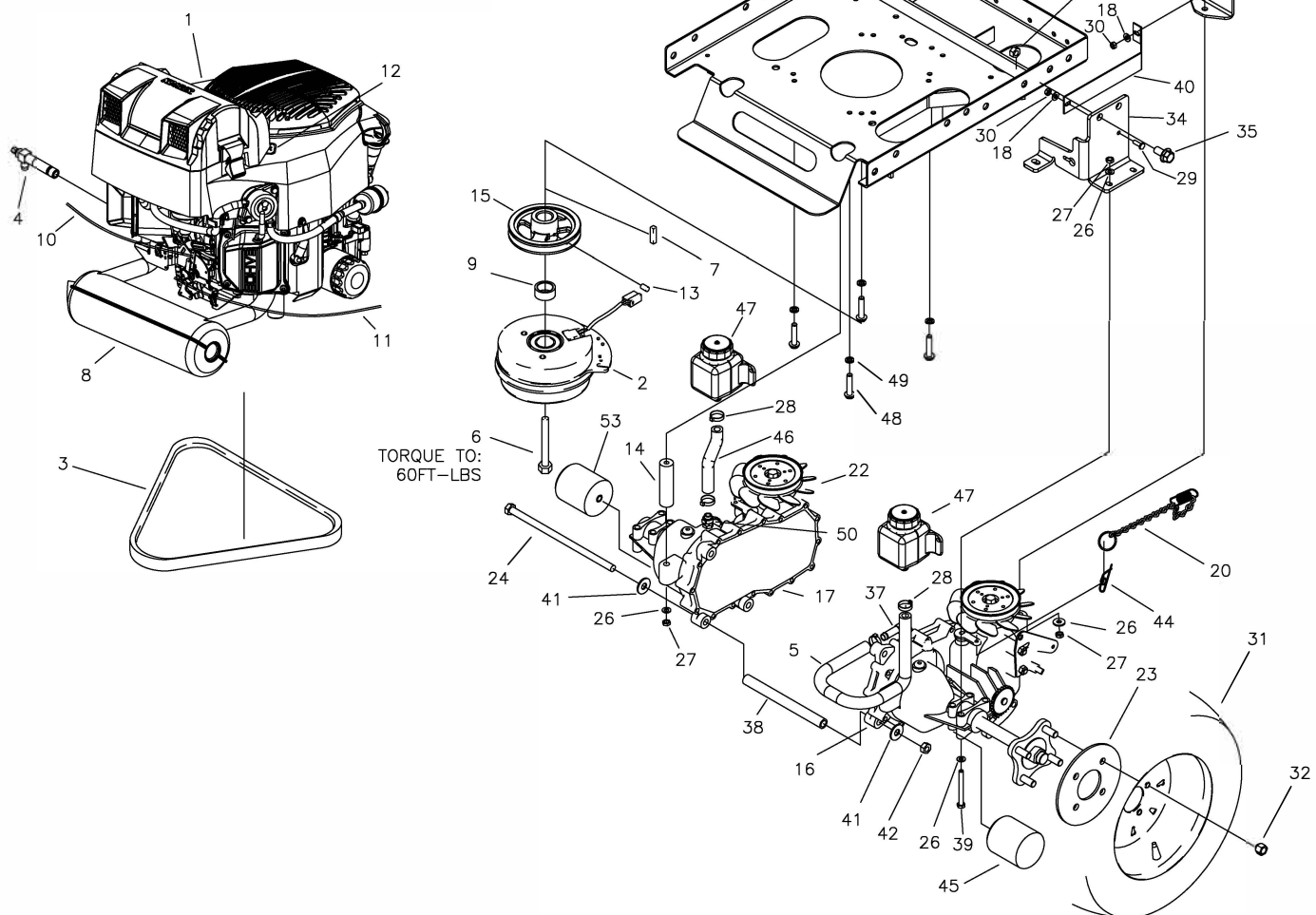
ITEM #	PART #	QTY	DESCRIPTION
1	F-2120	4	FHCS, 5/16-18 X 3/4", YZ, GR5
2	F-2063	6	NUT, 5/16-18, NYLOC FLANGED
3	F-1693	1	5/16-18 X 1-1/2" H.H.C.S.
4	F-1015-15	1	5/16-18 X 1" H.H.C.S
5	F-1491	2	1" COTTER PIN
6	707-044P	1	LINK, PARK BRAKE
7	F-2132	2	NUT, 1/4-20, NYLOC FLANGED
8	H-2452	2	BRAKE LINK BAR, BENT
9	659-206W	1	BRAKE ROD WELDMENT
10	F-1748	2	1/4" NYLOC LOCK NUT
11	H-1635	1	EXTENSION SPRING 3/4 X 4"
12	F-1009-01	2	1/4" FLAT WASHER
13	659-159P	2	LOWER BRAKE LINK
14	H-1637	2	COMPRESSION SPRING

MOTOR & TRANSMISSION ASS'Y & RELATED PARTS FOR 24HP KAWASAKI



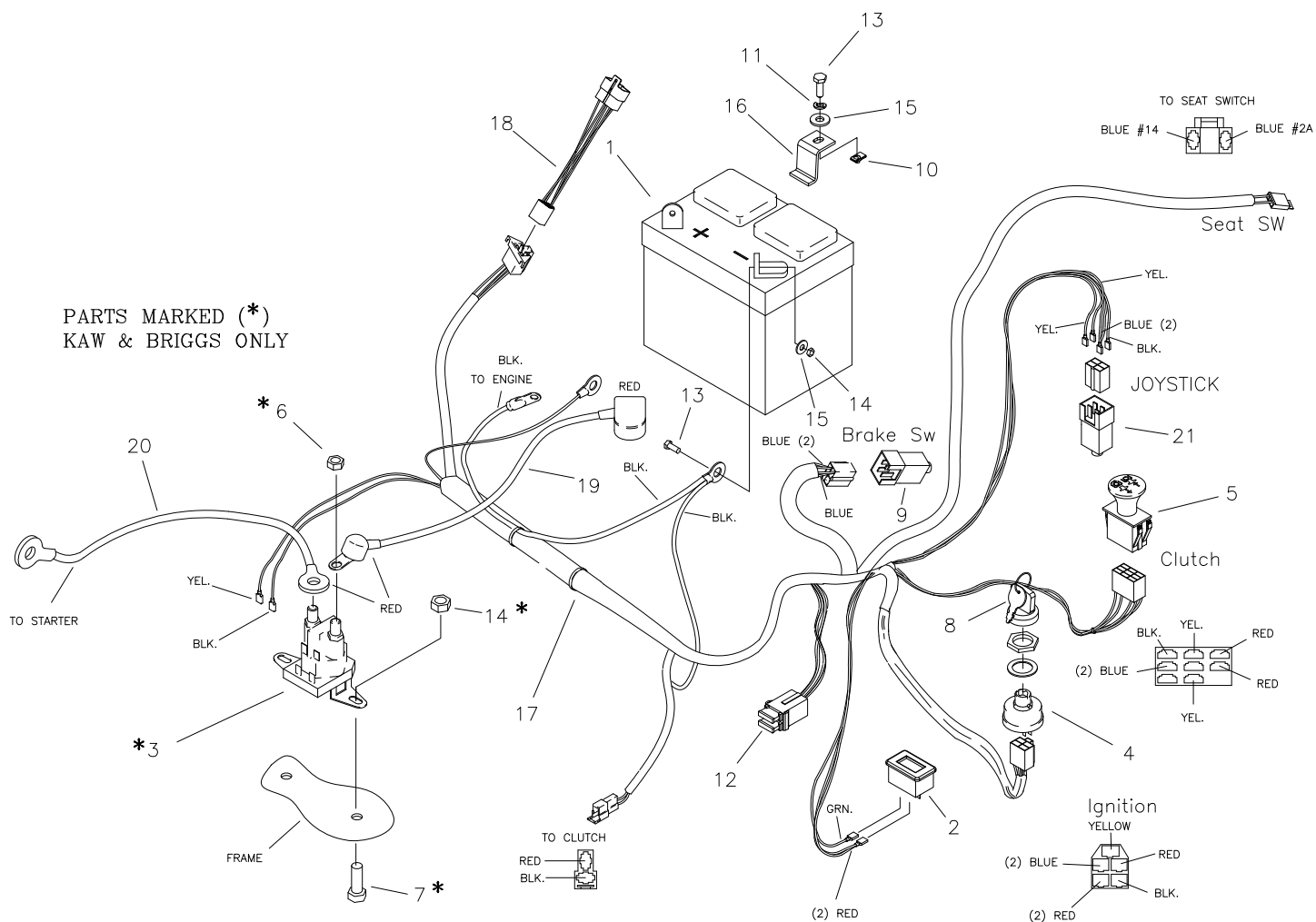
ITEM #	PART #	QTY	DESCRIPTION	ITEM #	PART #	QTY	DESCRIPTION
1	M-5395	1	ENGINE, KAW 24HP, FS730V TWIN	27	F-2063	8	NUT, 5/16-18, NYLOC FLANGED
2	E-6532	1	CLUTCH-BRAKE, CMS 200ft/lb	28	H-2535	4	HOSE CLAMP
3	D-3905	1	V-BELT, KEVLAR CORD, A-69	29	F-2162	4	FHCS, 1/4-20 X 3/4", YZ GR5
4	H-2590	1	OIL DRAIN VALVE	30	F-2132	4	NUT, 1/4-20, NYLOC FLANGED
5	E-6307	1	OIL PRESSURE SWITCH	31	D-3881	2	TIRE, 22x11-10, TURF
6	F-2113	1	7/16-20x2-1/2" CAPSCREW, GR8	32	F-1499	8	LUG NUT, 1/2 X 20
7	621-113P	1	KEY, 1/4 SQ. X 1-1/4"	33	707-036P	1	BRACE, TRANSMISSION
8	H-2549	1	HOSE 5" LONG	34	707-086P	1	BRACKET, HYDRO MOUNT, R
9	D-3791	2	SMALL HYDRO TANK	---	707-087P	1	BRACKET, HYDRO MOUNT, L
10	H-2287	1	CHOKE CABLE	35	F-2127	4	FHCS, 1/2-13 X 1-1/4" GR5
11	H-2610	1	THROTTLE CABLE	36	F-2145	2	5/16-18 X 6" BOLT GR8
12	P-10077-11	1	DECAL, "CLEAN"	37	H-2762	1	VENT TUBE ADAPTER
13	F-1228	1	SETSCREW, 1/4" X 1/4"	38	659-173P	1	HYDRO BRACE
14	659-121P	2	REAR HYDRO BRACE	39	F-2178	4	FHCS, 5/16-18 X 3", YZ GR5
15	707-085P	1	MOTOR PULLEY	40	707-061P	2	FAN SHROUD
16	D-3882-01	1	TRANSAXLE, RH, ZT-3400	41	F-1009-03	2	3/8" FLAT WASHER
17	D-3882-02	1	TRANSAXLE, LH, ZT-3400	42	F-2151	1	NUT, 3/8-16, NYLOC FLANGED
18	F-1009-01	4	1/4" FLAT WASHER	43	F-2177	2	FHCS, 5/16-18 x 2-1/2", YZ GR5
19	H-2759	1	MUFFLER, KAWASAKI	44	F-1492	2	5/16-3/8 RUE RING
20	707-074P	2	FREEWHEEL CHAIN W/SPRING	45	H-2567	2	TRANSAXLE OIL FILTER
21	707-009W	1	MOTOR MOUNT	46	659-092P	2	WHEEL BACKING PLATE
22	H-2539	2	FAN BLADE REPLACEMENT	47	H-2517	1	VENT TUBE ADAPTER
23	H-2761	1	HOSE, 1/2" x 19"	48	F-2125	4	FHCS, 3/8-16 X 1-1/2", YZ, GR5
24	F-2007	1	3/8-16 X 12-1/2" HEX BOLT	49	F-1019-03	4	3/8" LOCK WASHER
25	F-2152	4	NUT, 1/2-13, NYLOC FLANGED	50	F-2043	1	SPACER
26	F-1009-02	14	5/16" FLAT WASHER				

MOTOR & TRANSMISSION ASS'Y & RELATED PARTS FOR 25HP KOHLER



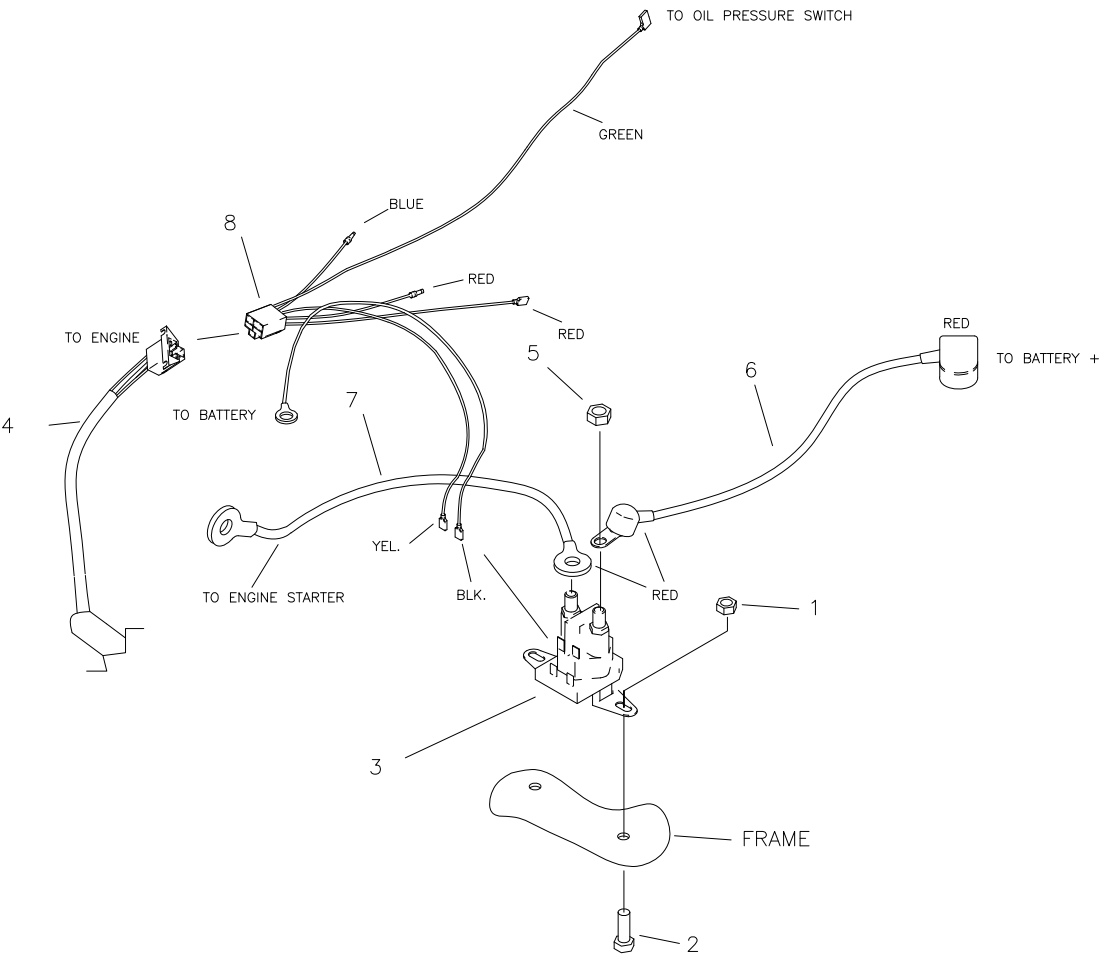
ITEM #	PART #	QTY	DESCRIPTION	ITEM #	PART #	QTY	DESCRIPTION
1	M-5404	1	ENGINE, KOHLER, 25HP ZT740	27	F-2063	10	NUT, 5/16-18, NYLOC FLANGED
2	E-6532	1	CLUTCH-BRAKE, CMS 200ft/lb	28	H-2535	4	HOSE CLAMP
3	D-3905	1	V-BELT, KEVLAR CORD, A-69	29	F-2162	4	FHCS, 1/4-20 X 3/4", YZ GR5
4	H-2589	1	OIL DRAIN VALVE	30	F-2132	4	NUT, 1/4-20, NYLOC FLANGED
5	H-2761	1	HOSE, 1/2" x 19"	31	D-3881	2	TIRE, 22x11-10, TURF
6	F-2113	1	7/16-20x2-1/2" CAPSCREW, GR8	32	F-1499	8	LUG NUT, 1/2 X 20
7	621-113P	1	KEY, 1/4 SQ. X 1-1/4"	33	707-036P	1	BRACE, TRANSMISSION
8	H-2751	1	MUFFLER, KOHLER, LOW MOUNT	34	707-086P	1	HYDRO MOUNT BRACE, R
9	F-2043	1	SPACER	—	707-087P	1	HYDRO MOUNT BRACE, L
10	H-2404	1	CHOKE CABLE	35	F-2127	4	FHCS, 1/2-13 X 1-1/4" GR5
11	H-2611	1	THROTTLE CABLE	36	F-2145	2	5/16-18 X 6" BOLT GR8
12	P-10077-11	1	DECAL, "CLEAN"	37	H-2762	1	VENT TUBE ADAPTER
13	F-1228	1	SETSCREW, 1/4" X 1/4"	38	659-173P	1	HYDRO BRACE
14	659-121P	2	REAR HYDRO BRACE	39	F-2178	4	FHCS, 5/16-18 X 3", YZ GR5
15	707-085P	1	MOTOR PULLEY	40	707-061P	2	FAN SHROUD
16	D-3882-01	1	TRANSAXLE, RH, ZT-3400	41	F-1009-03	2	3/8" FLAT WASHER
17	D-3882-02	1	TRANSAXLE, LH, ZT-3400	42	F-1005-03	1	3/8-16 LOCK NUT
18	F-1009-01	4	1/4" FLAT WASHER	43	F-2177	2	FHCS, 5/16-18 x 2-1/2", YZ GR5
19	H-2759	1	MUFFLER, KAWASAKI	44	F-1492	2	5/16-3/8 RUE RING
20	707-074P	2	FREEWHEEL CHAIN W/SPRING	45	H-2567	2	TRANSAXLE OIL FILTER
21	707-009W	1	MOTOR MOUNT	46	H-2549	1	HOSE 5" LONG
22	H-2539	2	FAN BLADE REPLACEMENT	47	D-3791	2	SMALL HYDRO TANK
23	659-092P	2	WHEEL BACKING PLATE	48	F-1307	4	3/8-16 x 1-1/4" CAPSCREW
24	F-2007	1	3/8-16 X 12-1/2" HEX BOLT	49	F-1019-03	4	3/8" LOCK WASHER
25	F-2152	4	NUT, 1/2-13, NYLOC FLANGED	50	H-2517	1	VENT TUBE ADAPTER
26	F-1009-02	14	5/16" FLAT WASHER	51	H-2762	1	VENT TUBE ADAPTER

E-6415 WIRE HARNESS & RELATED PARTS



ITEM #	PART #	QTY	DESCRIPTION
1	E-6271	1	BATTERY
2	E-5878	1	HOUR METER
3	E-6054	1	SOLENOID
4	E-5873	1	START SWITCH (INCLUDES #8)
5	E-6403	1	CLUTCH SWITCH
6	F-1011-01	2	1/4-20 NUT
7	F-1015-02	2	1/4-20 x 5/8" CAPSCREW
8	E-6445	1	KEY, SET
9	E-6297	1	BRAKE SWITCH
10	F-1858	1	1/4-20 U-NUT
11	F-1019-01	1	1/4" LOCK WASHER
12	E-6207	2	FUSE, #ATC-30
13	F-1538	3	1/4-20 x 3/4" CAPSCREW
14	F-1158	5	1/4-20 STOVER NUT
15	F-1009-01	5	1/4" FLAT WASHER
16	659-137P	1	BATTERY HOLD DOWN
17	E-6415	1	WIRE HARNESS
18	E-6417	1	WIRE HARNESS ADAPTER (KAWASAKI)
-	E-6436	1	WIRE HARNESS ADAPTER (BRIGGS)
19	E-6418	1	CABLE, BATTERY TO SOLENOID
20	E-6419	1	CABLE, SOLENOID TO ENGINE
21	E-6474	1	JOYSTICK SWITCH
-NOT SHOWN-			
	E-6374	1	SEAT SWITCH FOR KAW & KOHLER
	E-6580	1	SEAT SWITCH FOR BRIGGS

WIRE HARNESS ADAPTER
& RELATED PARTS FOR
KAWASAKI



ITEM #	PART #	QTY	DESCRIPTION
1	F-2132	2	NUT, 1/4-20, NYLOC FLANGED
2	F-2162	2	FHCS, 1/4-20 X 3/4", YZ GR5
3	E-6054	1	SOLENOID
4	E-6415	1	WIRE HARNESS
5	F-1011-01	2	1/4-20 NUT
6	E-6418	1	CABLE, BATTERY TO SOLENOID
7	E-6419	1	CABLE, SOLENOID TO ENGINE
8	E-6417	1	KAWASAKI HARNESS ADAPTER

NOTES / SERVICE RECORDS:

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Repair Parts Manual



CHALLENGERTM

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