



ILLUSTRATED PARTS MANUAL

430 MAX 4-WHEEL DRIVE TRACTOR

Models:

75-70005A	STEINER 430 MAX 27HP KOHLER GAS
75-70006A	STEINER 430 MAX 25HP KUBOTA GAS
75-70008A	STEINER 430 MAX 21HP KUBOTA DIESEL



WARNING: If incorrectly used this machine can cause severe injury. Those who use and maintain this machine should be trained in its proper use, warned of its dangers and should read the entire manual before attempting to set up, operate, adjust or service the machine.



CALIFORNIA
Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.



WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Californie Proposition 65
Avertissement

Les échappements des moteurs diesel et certains de leurs composés sont reconnus par l'Etat de Californie pour être cancérogènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.



AVERTISSEMENT

L'émission du moteur de ce matériel contient des produits chimiques que l'Etat de Californie considère être cancérogènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

California Advertencia
de la Proposicion 65

El estado de California hace saber que los gases de escape de los motores diesel y algunos de sus componentes producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.



ADVERTENCIA

El estado de California hace saber que los gases de escape de este producto contienen productos químicos que producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

CALIFORNIA
Proposition 65 Warning

Battery posts, terminals, wiring insulation, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
WASH HANDS AFTER HANDLING.

IMPORTANT MESSAGE

Thank you for purchasing this Steiner product. You have purchased a world class product, one of the best designed and built anywhere.

This machine comes with an Owner / Operator's Manual and an Illustrated Parts Manual. The useful life and good service you receive from this machine depends to a large extent on how well you read and understand these manuals. Treat your machine properly, lubricate and adjust it as instructed, and it will give you many years of reliable service.

Your safe use of this Steiner product is one of our prime design objectives. Many safety features are built in, but we also rely on your good sense and care to achieve accident-free operation. For best protection, study the manuals thoroughly. Learn the proper operation of all controls. Observe all safety precautions. Follow all instructions and warnings completely. Do not remove or defeat any safety features. Make sure those who operate this machine are as well informed and careful in its use as you are.

See a Steiner dealer for any service or parts needed. Steiner service ensures that you continue to receive the best results possible from Steiner's products. You can trust Steiner replacement parts because they are manufactured with the same high precision and quality as the original parts.

Steiner designs and builds its equipment to serve many years in a safe and productive manner. For longest life, use this machine only as directed in the manuals, keep it in good repair and follow safety warnings and instructions. You'll always be glad you did.

Jacobsen, a Textron Company
One Bob Cat Lane
Johnson Creek, WI 53038-0469

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NOTICE !!!

Unauthorized modifications may present **extreme** safety hazards to operators and bystanders and could also result in product damage.

Jacobsen, a Textron Company strongly warns against, rejects and disclaims any modifications, add-on accessories or product alterations that are not designed, developed, tested and approved by Jacobsen's Engineering Department. Any Jacobsen product that is altered, modified or changed in any manner not specifically authorized after original manufacture—including the addition of “after-market” accessories or component parts not specifically approved by Jacobsen—will result in the Jacobsen Warranty being voided.

Any and all liability for personal injury and/or property damage caused by any unauthorized modifications, add-on accessories or products not approved by Jacobsen will be considered the responsibility of the individual(s) or company designing and/or making such changes. Jacobsen will vigorously pursue full indemnification and costs from any party responsible for such unauthorized post-manufacture modifications and/or accessories should personal injury and/or property damage result.



This symbol means:
ATTENTION!
BECOME ALERT!

Your safety and the safety of others is involved.

Signal word definitions:

The signal words below are used to identify levels of hazard seriousness. These words appear in this manual and on the safety labels attached to Jacobsen machines. For your safety and the safety of others, read and follow the information given with these signal words and/or the symbol shown above.

⚠ DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

⚠ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices or property damage.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage.



MODEL NUMBER: This number appears on sales literature, technical manuals and price lists.

SERIAL NUMBER: This number appears only on your mower. It contains the model number followed consecutively by the serial number. Use this number when ordering parts or seeking warranty information.

**430
MAX**

PARTS SECTION

PARTS SECTION

MAX

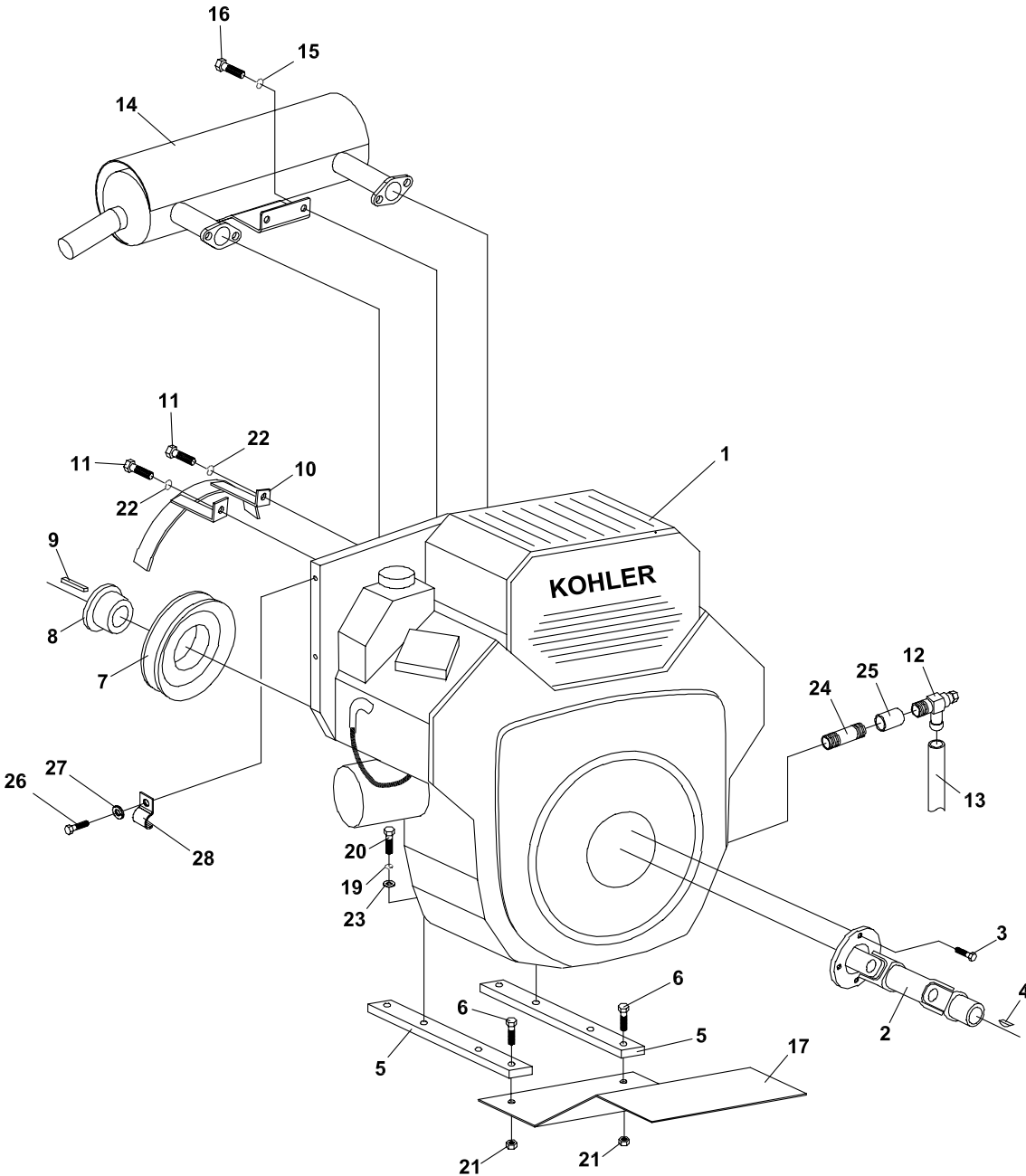


FIGURE 1

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1-1	13-145	ENGINE-KOHLER CH25	1				
	* 13-24-083-03	ELEMENT-AIR CLEANER	1				
	* 13-24-083-05	ELEMENT-PRECLEANER	1				
	* 13-12-050-01	OIL FILTER	1				
1-2	87-172	SHAFT-DRIVE	1				
1-3	A1103051	BOLT-M8-1.25X25	4				
1-4	85-W0305	KEY-WOODRUFF 3/16x5/8	1				
1-5	64-821.7	PLATE-ADAPTER	2				
1-6	64123-47	BOLT, 5/16x1-1/4	4				
1-7	83-BK60H	PULLEY-6"	1				
1-8	83-H18	BUSHING-H1 1/8	1				
1-9	64164-10	KEY-SQUARE 1/4x1/4x1-1/4	1				
1-10	60-627	BELT GUARD	1				
1-11	64123-38	BOLT, 7/16x1	2				
1-12	13-075	VALVE, OIL DRAIN	1				
1-13	27-018	HOSE, 1/2" PUSH LOCK, 8"	1				
1-14	4132729	MUFFLER, KOHLER	1				
1-15	64006-2	LOCKWASHER, 8MM	2				
1-16	64205-001	BOLT-MET M8-1.25x20	2				
1-17	60-632.7	SHIELD-FRONT ENGINE	1				
1-18	* 56-027	TRIM-LOC, 4"	1				
1-19	64006-02	LOCKWASHER, 5/16"	4				
1-20	99-K72	BOLT, 5/16x1-1/2 GR5	4				
1-21	64141-6	NUT-FLANGE, 5/16"	4				
1-22	64006-06	LOCKWASHER, 7/16"	2				
1-23	64251-003	WASHER-M8	4				
1-24	29-062	NIPPLE, 3/8 NPT x 2	1				
1-25	29-044	COUPLING, 3/8 NPT	1				
1-25	64205-013	BLT-MET M6-1X12	1				
1-26	64006-01	LOCKWASHER-1/4	1				
1-27	11-037	CLAMP	1				

* NOT ILLUSTRATED

This diagram illustrates the assembly of a fuel system. The components are numbered as follows:

- 1**: Fuel tank
- 2**: Fuel line
- 3**: Fuel filter
- 4**: Fuel line
- 5**: Fuel pump
- 6**: Fuel line
- 7**: Fuel line
- 8**: Fuel line
- 9**: Fuel line
- 10**: Fuel line
- 11**: Fuel line
- 12**: Fuel line
- 13**: Fuel line
- 14**: Fuel line
- 15**: Fuel line
- 16**: Fuel line
- 17**: Fuel line
- 18**: Fuel line

The diagram shows the fuel tank (1) connected to a fuel line (2) which passes through a fuel filter (3). The fuel line (4) then connects to a fuel pump (5). The fuel pump (5) is connected to a fuel line (8) which leads to a fuel line (18). The fuel line (18) is connected to a fuel line (12) which leads to a fuel line (12) labeled "TO ENGINE". The fuel line (12) is also connected to a fuel line (12) labeled "TO ENGINE".

**430
MAX**

KOHLER FUEL SYSTEM & ENGINE CONTROLS

FIGURE 2

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
2-1	42-490.7	LINKAGE-THROTTE	1				
2-2	40-142.7	LEVER-THROTTLE	1				
2-3	64141-2	NUT-FLANGE, 1/4	1				
2-4	27-015	FUEL LINE, 1/4"x54"	1				
2-5	13-021	FUEL FILTER	1				
2-6	4138319	CABLE, 430 THROTTLE	1				
2-7	43-004X	ROD END, 1/4x10-32	1				
2-8	27-015	FUEL LINE, 1/4"x3"	1				
2-9	90-0414	BOLT, 1/4x1-3/4	1				
2-10	85-SC04	SET COLLAR, 1/4	2				
2-11	64025-01	NUT, 1/4"	1				
2-12	88042N	CLAMP, HOSE	2				
2-13	05-032	GROMMET 11/16x1-5/16	1				
2-14	56-068	TRIM SEAL, 35" LENGTH	1				
2-15	60-639.7	SHIELD-HEAT	1				
2-16	Q7475	WEATHERSTRIP 1/2x2x13	1				
2-17	64139-04	BOLT-FLANGE, 1/4x3/4	2				
2-18	29-127	VALVE-FUEL W/O SCREEN	1				

FIGURE 3

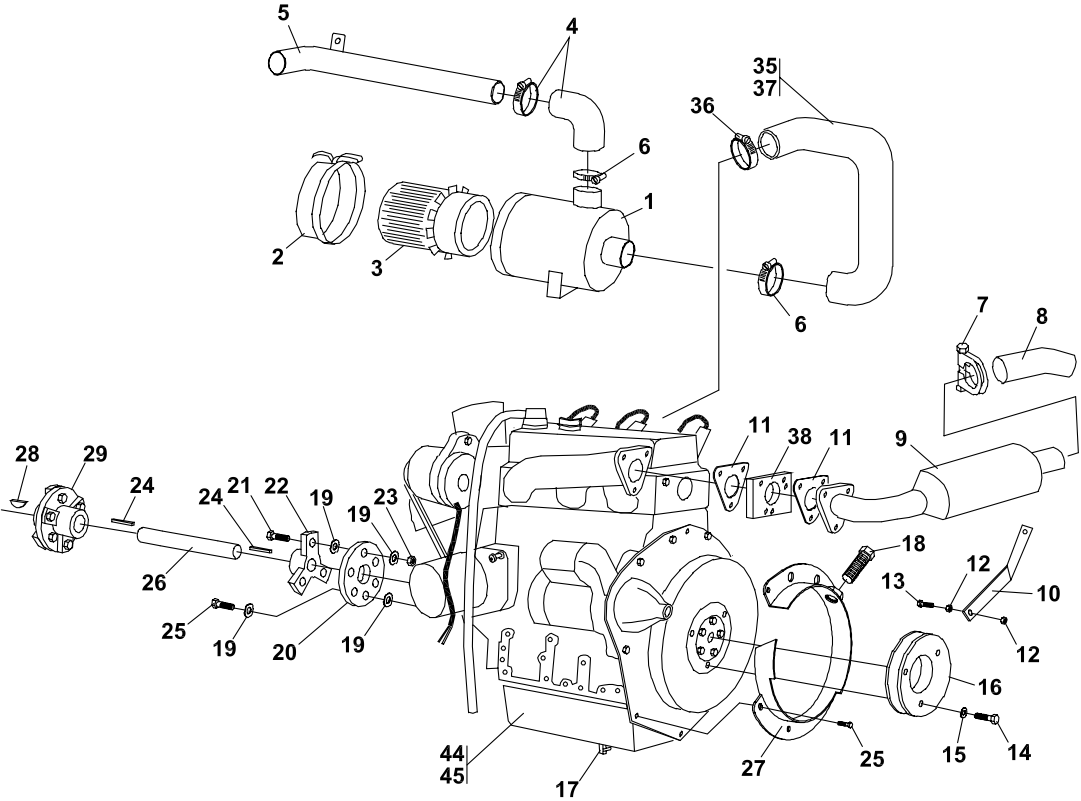


FIGURE 3

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
3-1	13-15372-11016	AIR CLEANER ASSY (INCLUDES ITEMS 2 & 3)	1	3-38	14-028.7	PLATE, ADAPTER 3-BOLT (INCLUDES ITEMS 40-44)	1
3-2	13-15241-11160	END CAP, AIR CLNR	1	3-39	* 64123-56	BOLT-HEX 5/16-18x2	1
3-3	13-70000-11221	ELEMENT, AIR FLTR	1	3-40	* 64123-68	BOLT-HEX 5/16-18x1	2
3-4	13-19461-11620	HOSE-AIR INTAKE	1	3-41	* 64123-54	BOLT-HEX 5/16-18x3/4	1
3-5	13-042.7	TUBE-AIR INTAKE	1	3-42	* 99-19	BOLT-SHCS 5/16-18x3/4	1
3-6	11-029	CLAMP-HOSE 2-1/2"	2	3-43	* 64006-02	LOCKWASHER-HEL 5/16	6
3-7	13-66711-54421	CLAMP-MUFFLER EXT	1	3-44	13-076	ENG-KUBOTA DIESEL D722	1
3-8	13-66711-54411	PIPE-MUFFLER EXT	1	3-45	13-121	ENG-KUBOTA GAS WG752	1
3-9	4132080	MUFFLER-KUBOTA 3 BOLT	1		* 13-15853-99179	OIL FILTER	1
3-10	64-345.7	BRACKET-MUFFLER	1		* 11-048	CLAMP-INSULATED HALF	1
3-11	13-15852-12230	GASKET-MUFFLER	2		* 13-16264-74110	FAN	1
3-12	64025-02	NUT-HEX 5/16-18	3		* 13-15881-97010	FAN BELT	1
3-13	64123-47	BOLT-HEX 5/16-18x1-1/4	1		* 13-15531-64015	ALTERNATOR	1
3-14	64123-67	BOLT-HEX 3/8-16x2	3		* 13-RP201-53710	REGULATOR	1
3-15	800488	LOCKWASHER, SPRING	3		* 35-079	SNDR-WTR TMP (GAS)	1
3-16	82-061	SHEAVE-PTO	1		* 35-106	SNDR-WTR TMP (DIESEL)	1
3-17	13-029	VALVE-OIL DRAIN	1		* 13-70000-73595	KIT-BLOCK HEATER	1
3-18	35-085	SENDER-TACHOMETER	1		* 13-70000-93595	REPLACEMENT CORD	1
3-19	99-B27	WASHER-BEADED, 5/16"	12				
3-20	87-142	DISC-WEASLER	1				
3-21	91-0510	BOLT, 5/16-24x1-1/4	3		* 13-16851-65512	GLOW PLUG (USED ON DIESEL ENGINES ONLY)	3
3-22	87-112	COUPLER FLANGE	1				
3-23	64229-08	LOCKNUT-NYLON 5/16-24	3		* 13-16001-53000	FUEL INJECTOR (USED ON DIESEL ENGINES ONLY)	3
3-24	64164-11	KEY-3/16X3/16X1-1/4 SQ	2				
3-25	64205-001	BLT-METRIC, M8-1.25x20	5		* 13-12599-67710	SPARK PLUG (USED ON GAS ENGINES ONLY)	3
3-26	80-178	SHAFT, PUMP DRIVE	1				
3-27	4132662.7	GUARD-FLYWHEEL	1		* 13-EG281-44010	CARBURETOR (USED ON GAS ENGINES ONLY)	1
3-28	85-W0305	KEY-WOODRUFF 3/16x5/8	1				
3-29	87-046	COUPLER ASSEMBLY (INCLUDES ITEMS 31-35)	1				
3-30	* 87-113	COUPLER DISC	1				
3-31	* 87-112	COUPLER FLANGE	2				
3-32	* 91-0510	BOLT-5/16-24x1-1/4	6				
3-33	* 64229-08	LOCKNUT-NYLON 5/16-24	6				
3-34	* 99-B27	WASHER-BEADED, 5/16"	12				
3-35	13-048	HOSE, AIR INTAKE	1				
3-36	11-022	CLAMP, SHEILDED HOSE (ITEMS 36 & 37 USED ON GAS ENGINES ONLY)	1				
3-37	13-049	HOSE, AIR INTAKE (ITEM 38 USED ON DIESEL ENGINES ONLY)	1				

*** NOT ILLUSTRATED**

FIGURE 4

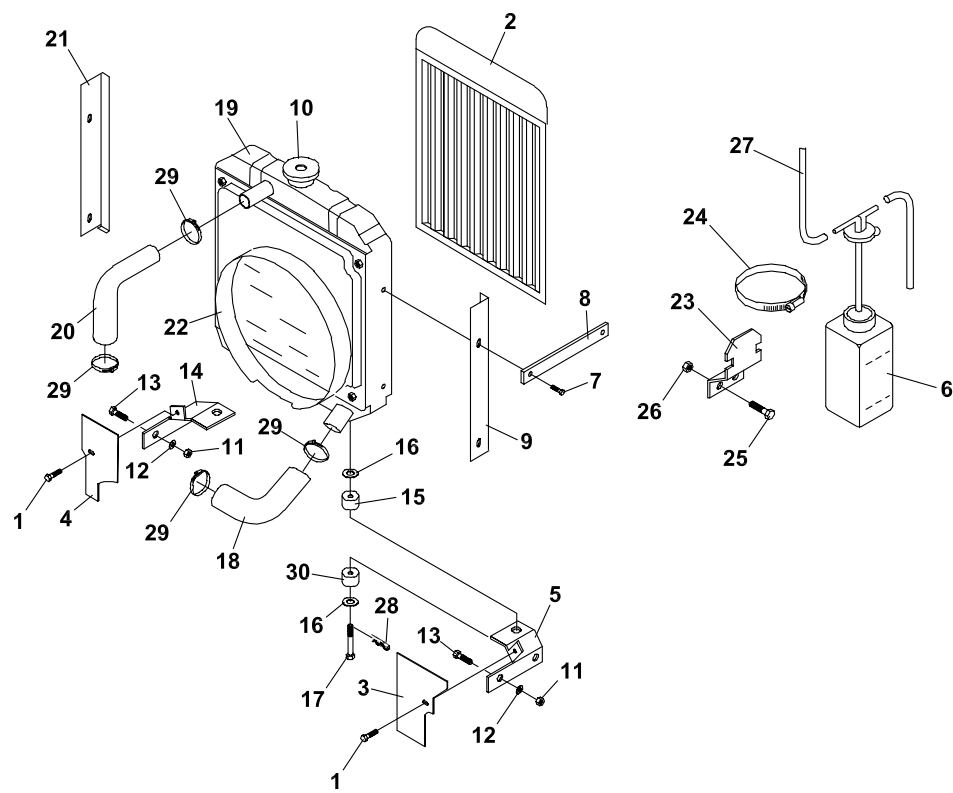


FIGURE 4

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
4-1	64139-04	BOLT-WLF 1/4-20X3/4	2				
4-2	60-646.7	RADIATOR SCREEN ASSY	1				
4-3	60-641.7	BAFFLE, LEFT RADIATOR	1				
4-4	60-640.7	BAFFLE, RIGHT RADIATOR	1				
4-5	64-873.7	MOUNT, LEFT RADIATOR	1				
4-6	13-036	COOLANT REC. BOTTLE	1				
4-7	64205-038	BOLT-METRIC M6-1.00X20	4				
4-8	64-870.7	BRKT, UPPER RADIATOR	2				
4-9	64-871.7	BRKT, LH RAD SCR N MTG	1				
4-10	13-15272-72021	RADIATOR CAP	1				
4-11	64025-05	NUT-HEX, 3/8-16	4				
4-12	64163-61	WASHER, .81X.406X16GA	4				
4-13	64123-16	BOLT-HEX 3/8-16X1-1/4	4				
4-14	64-874.7	MOUNT, RIGHT RADIATOR	1				
4-15	13-15111-72181	BUSHING-UPPER	2				
4-16	13-15111-72200	WASHER-CUPPED	4				
4-17	13-66711-51340	BOLT-RADIATOR MNT	2				
4-18	13-12594-72850	HOSE-LOWER	1				
4-19	13-12594-72061	RADIATOR	1				
4-20	13-12594-72940	HOSE-UPPER	1				
4-21	64-872.7	BRKT, RH RAD SCR N MTG	1				
4-22		SHROUD-RADIATOR	1				
		(AVAILABLE FROM KUBOTA DEALER)					
4-23	64-738.7	BRACKET, COOLANT TANK	1				
4-24	11-049	CLAMP, HOSE 4-1/4" DIA.	1				
4-25	64139-08	BOLT-5/16-18X3/4 WLF	2				
4-26	64141-6	NUT, 5/16-18	2				
4-27	4132143	TUBING, 1/4" VACUUM, 12"	1				
4-28	13-05515-51000	SNAP PIN	2				
4-29	13-66204-36231	PIPE BAND	4				
4-30	13-15111-72191	BUSHING-LOWER	2				

FIGURE 5

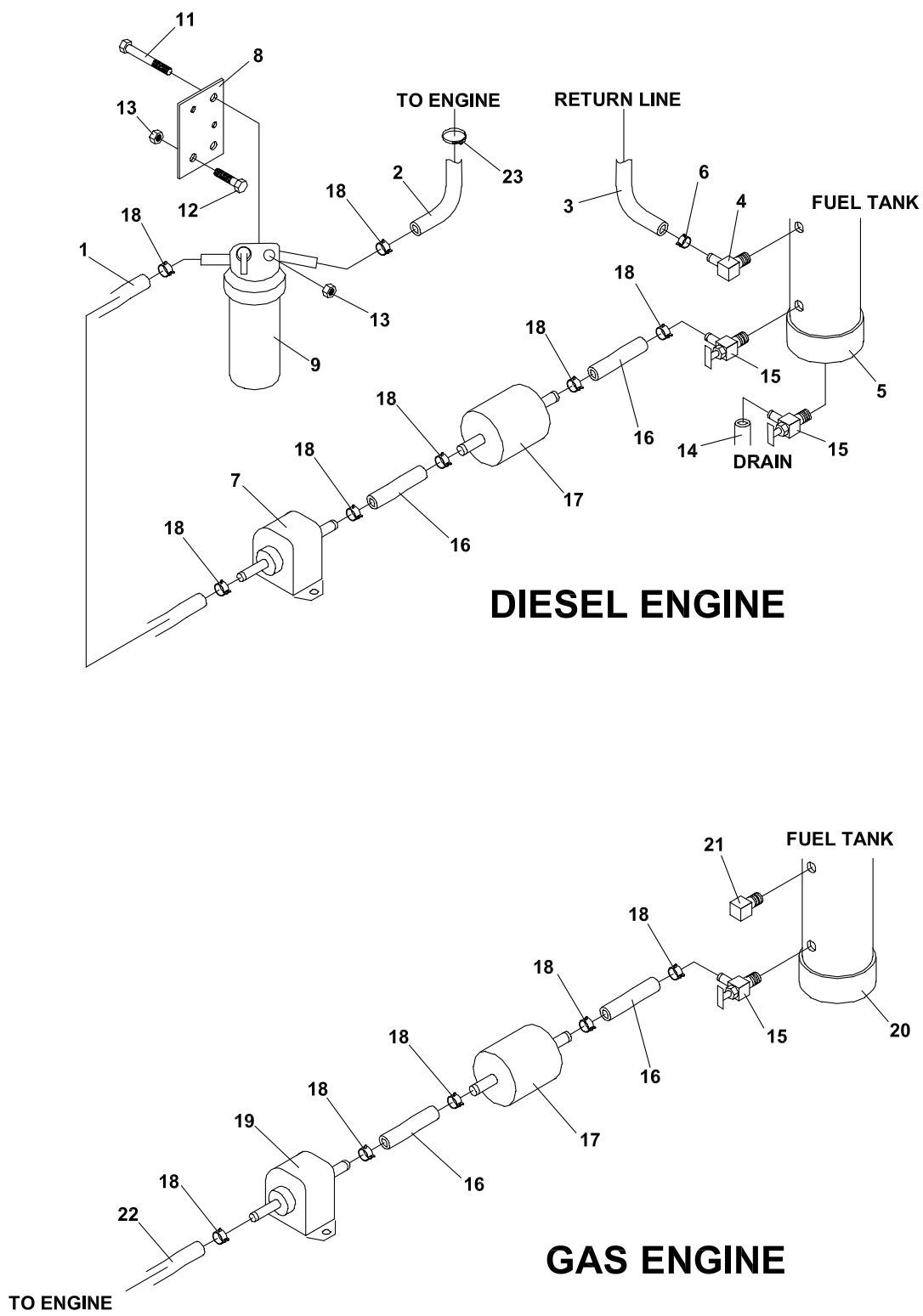


FIGURE 5

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
5-1	27-012-49	FUEL LINE, 5/16"x49"	1				
5-2	27-012-37	FUEL LINE, 5/16"x37"	1				
5-3	27-001-72	RETURN LINE, 1/4"x72"	1				
5-4	29-047	FITTING-90 ELBOW	1				
5-5	24-010	CAP-2" PIPE, W/DRAIN	1				
5-6	88042N	CLAMP, HOSE	1				
5-7	13-68371-51211	PUMP-ELECTRIC DSL	1				
5-8	64-755	BRKT, DIESEL FUEL FILTER	1				
5-9	13-19204-43010	FUEL FILTER ASSY	1				
5-10	* 13-15231-43560	ELEMENT-FUEL FLTR	1				
5-11	64123-12	BOLT-HEX 5/16-18x2-1/2	1				
5-12	64139-08	BOLT-5/16-18x3/4 WLF	2				
5-13	64141-6	NUT, 5/16-18	3				
5-14	56-007-10	TUBE-DRAIN, VINYL 1/4x10	1				
(ITEMS 1-14 USED ON DIESEL ENGINE ONLY)							
5-15	29-016	VALVE-FUEL, W/O SCREEN (QTY 2 USED ON DIESEL ENGINE) (QTY 1 USED ON GAS ENGINE)					
5-16	27-001-02	FUEL LINE, 5/16"x2"	2				
5-17	13-021	FILTER-FUEL	1				
5-18	88042-02	CLAMP-HOSE 5/16 (QTY 7 USED ON DIESEL ENGINE) (QTY 5 USED ON GAS ENGINE)					
5-19	13-12691-52030	PUMP-ELECTRIC GAS	1				
5-20	29-015	CAP-2" PIPE	1				
5-21	29-061	PLUG-PIPE, 1/8"	1				
5-22	27-012-57	FUEL LINE, 5/16"x57"	1				
(ITEMS 15-22 USED ON GAS ENGINE ONLY)							
5-23	11-017	SMALL HOSE CLAMP	1				

*** NOT ILLUSTRATED**

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FIGURE 6

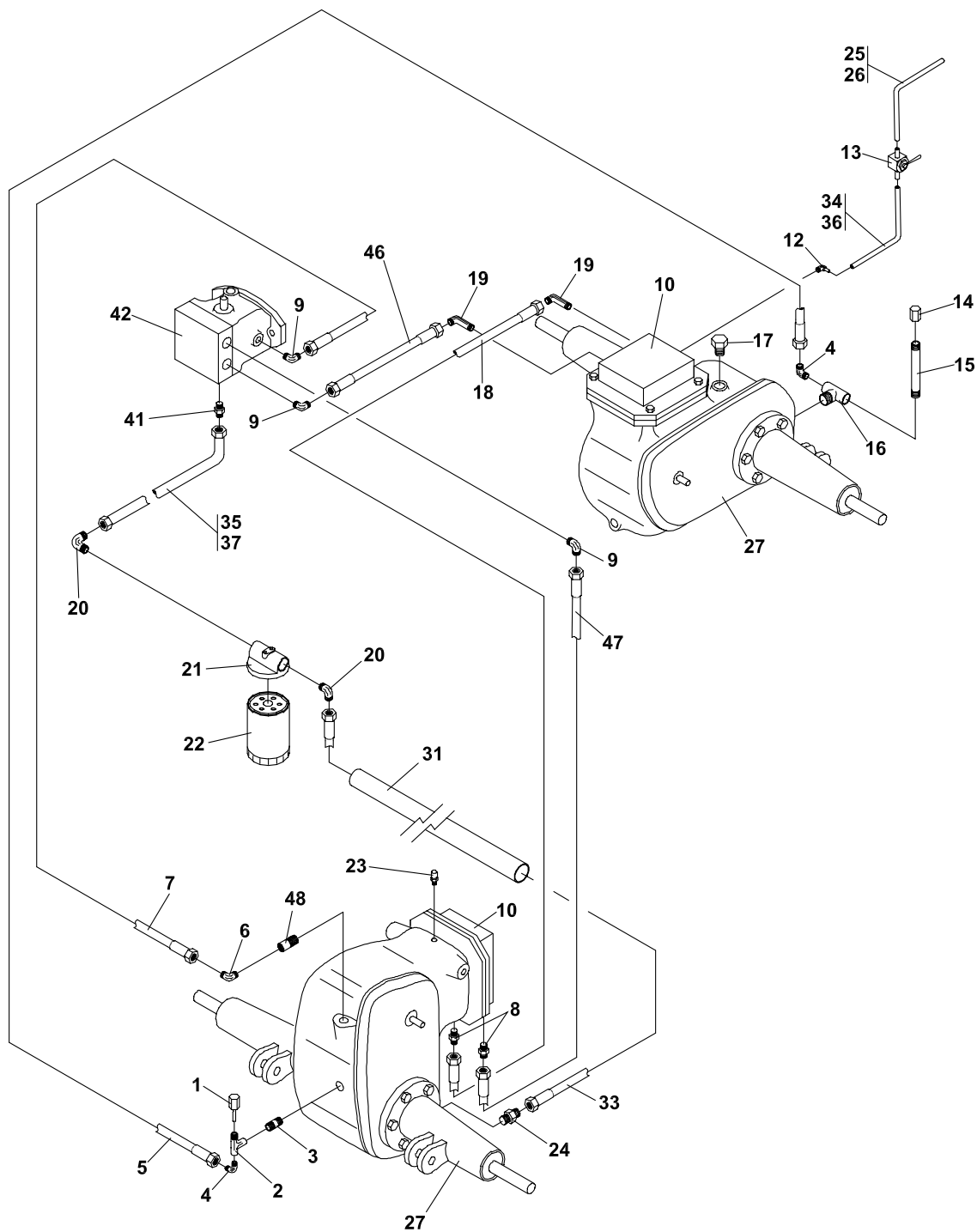


FIGURE 6

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
6-1	24-041.7	DIPSTICK, REAR AXLE 2"	1	6-41	24-037	FITTING	1
6-2	25-012T-6-6	FITTING, TEE	1	6-42	21-078	PUMP-SUNDSTRAND	1
6-3	29-039	NIPPLE, 3/8 CLOSE	1			(INCLUDES ITEMS 43-45)	
6-4	25-2103-6-8	FITING, 90	2	6-43	* 99-15	BOLT, 1/2-20 X 1-3/4 SHCS	2
6-5	22-066	HOSE, PUSH LOCK 1/2"x59"	1	6-44	* 93-08	NUT, 1/2-20 NF	2
6-6	25-3903-8-8	FITTING, 90	1	6-45	* 64006-05	LOCKWSHR-HELICAL 1/2	2
6-7	22-045	HOSE, PUSH LOCK 1/2"x52"	1	6-46	20-024	HOSE, 1/2"x27" 100R2	1
6-8	25-3503-8-8	FITTING, 45	2	6-47	20-003	HOSE, 1/2"x64" 100R2	1
6-9	25-2503-8-8	FITTING, 90	3	6-48	25-0103-6-8	FITTING-STR	1
6-10	21-004	HYDRAULIC MOTOR	2				
6-11	* 21-005	GASKET-HYD MOTOR	2				
6-12	29-047	TUBE-1/8" NPT 90	1				
6-13	13-082	VALVE, INLINE SHUT OFF	1				
6-14	29-032	PIPE CAP, 3/8 NPT STEEL	1				
6-15	29-011	NIPPLE (3/8 X 6)	1				
6-16	25-212T-6-6	FITTING, TEE	1				
6-17	25-05CP-10	FITTING, PLUG	1				
6-18	20-044	HOSE, 1/2"x44"	1				
6-19	25-6801-LL1/4-8	FITTING, 90	2				
6-20	25-2503-12-12	FITTING, 90	2				
6-21	21-095	FILTER HEAD, O-RING	1				
6-22	21-093	FILTER, HYDRAULIC	1				
6-23	29-106	PIPE PLUG, VENTED	1				
6-24	24-037	FITTING, AXLE PORT	1				
6-25	27-015	HOSE, VACUUM, 12"	1				
		(ITEM 25 USED ON UNITS WITH KUBOTA ENGINES ONLY)					
6-26	4132143	TUBING, 1/4" VACUUM, 19"	1				
		(ITEM 26 USED ON UNITS WITH KOHLER ENGINES ONLY)					
6-27	51-031	TRANSAXLE, 1-1/4" AXLES	2				
6-28	* 15-012	OIL-HYDRAULIC, 1 QUART					
6-29	* 15-009	OIL-HYDRAULIC, 4.5 GAL.					
6-30	* 15-015	OIL-HYDRAULIC, 55 GAL					
6-31	56-076	SLEEVING-ID 1.53 / 2.33'	1				
6-32	* 64163-67	WASHER-.516X1X12GA	2				
6-33	22-041	HOSE, PSHLCK 3/4x43-1/2"	1				
6-34	27-001-16	HOSE-VENT TRANS	1				
6-35	23-060	TUBE, STEEL HYD	1				
		(ITEMS 34 & 35 USED ON KOHLER ENGINES ONLY)					
6-36	27-001-19	HOSE-VENT TRANS	1				
6-37	23-061	TUBE, STEEL HYD	1				
		(ITEMS 36 & 37 USED ON KUBOTA ENGINES ONLY)					

* NOT ILLUSTRATED

FIGURE 7

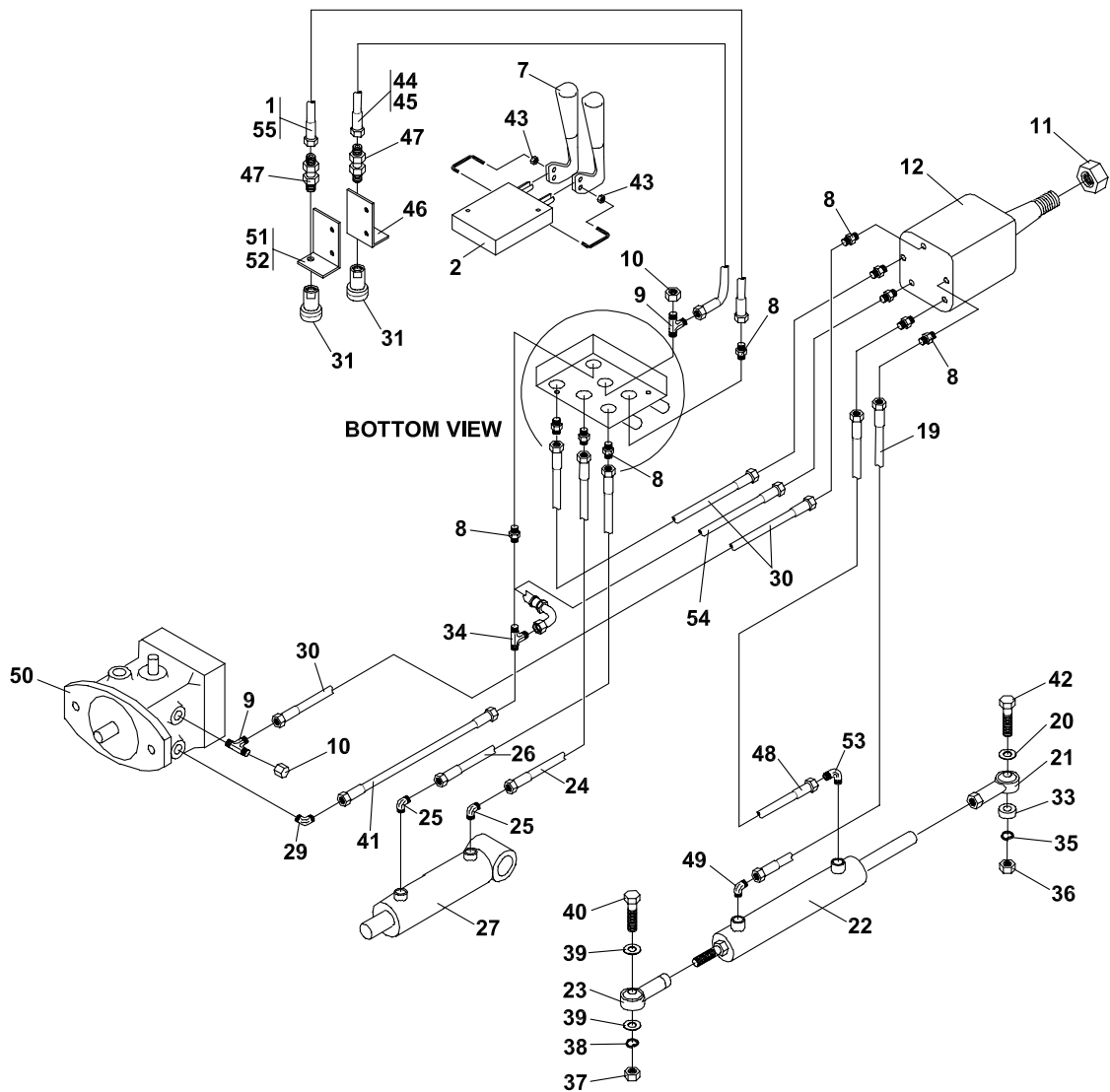


FIGURE 7

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
7-1	20-217	HOSE, 1/4 X 20 (USED ON KOHLER ENGINES ONLY)	1	7-45	4132021	HOSE, 1/4 X 14.5 100R1 (USED ON KUBOTA ENGINES ONLY)	1
7-2	23-035	VALVE-2 SPOOL	1	7-46	64-949.7	BRACKET-COUPLER	1
7-3	* 23-041	DETENT KIT FOR 23-035	1	7-47	25-2706-4-6	FITTING-STRAIGHT	2
7-4	* 23-1607-11	DETENT-SPOOL, 23-035	1	7-48	4133707	HOSE, 1/4 X 23	1
7-5	* 23-30029249	SEAL KIT FOR 23-035	1	7-49	25-3103-4-6	FITTING-45	1
7-6	* 23-038A	CLIP & PIN FOR HANDLES	1	7-50	21-078	PUMP-SUNSTRAND	1
7-7	64-890.7	HANDLE	2	7-51	64-950.7	BRACKET-AUX VALVE (ITEM 51 USED ON UNITS WITH KOHLER ENGINES ONLY)	1
7-8	25-0503-6-6	FITTING	10				
7-9	25-053T-6-6	FITTING	2				
7-10	25-06CP-6	FITTING-CAP	2				
7-11	99-E11	NUT-STEERING VALVE	1	7-52	64-948.7	BRACKET-AUX VALVE (ITEM 52 USED ON UNITS WITH KUBOTA ENGINES ONLY)	1
7-12	23-054	VALVE-STEERING, 5 PORT	1				
7-13	* 25-0503-6-6	FITTING	1				
7-14	* 21-SK000011	SEAL KIT-STEERING VLV	1	7-53	25-3103-4-6	FITTING-45	1
7-15	* 21-402405	OUTER SEAL-STEERING	1	7-54	4135592	HOSE	1
7-16	* 21-478046	FACE SEAL-STEERING VLV	1	7-55	4132508	HOSE, 1/4 X 17 (USED ON KUBOTA ENGINES ONLY)	1
7-17	* 21-061015	BUSHING-STEERING VLV	1				
7-18	* 21-401443x1	SPRING KIT-STEERING	1				
7-19	20-081	HOSE	1				
7-20	4138811	SPACER, STEERING CYL	1				
7-21	43-010A	ROD END-5/8 STEEL	1				
7-22	4132310	CYLINDER-STEERING, 430	1				
7-23	4132294	ROD END, 1/2	1				
7-24	20-026	HOSE-1/4 X 17	1				
7-25	25-2103-6-6	FITTING-90	2				
7-26	20-006	HOSE-1/4 X 24	1				
7-27	23-083	CYLINDER- 2-1/4 X 5 HYDR	1				
7-28	* 21-13175X	SEAL KIT FOR 23-083	1				
7-29	25-2503-6-6	FITTING-90	1				
7-30	20-075	HOSE-3/8 X 14	2				
7-31	23-003	QUICK COUPLER-FEMALE	2				
7-32	* 23-033	DUST COVER FOR 23-003	2				
7-33	4138810	SPACER-STEERING CYL	1				
7-34	25-063T-6-6	FITTING-TEE	1				
7-35	64006-04	LOCKWASHER-5/8	1				
7-36	64268-06	LOCKNUT-5/8-11	1				
7-37	99-A08NF	LOCKNUT-1/2 NF	1				
7-38	64006-05	LOCKWASHER-1/2	1				
7-39	64163-36	WASHER-1 X 33/64 X .187	2				
7-40	91-0820	BOLT-1/2 X 2-1/2 NF	1				
7-41	20-082	HOSE-3/8 X 28	1				
7-42	64123-249	BLT-HEX 5/8-11 X 3-3/4	1				
7-43	99-E52	JAM NUT-5/16	2				
7-44	20-046	HOSE-1/4 X 13 (USED ON KOHLER ENGINES ONLY)	1				

* NOT ILLUSTRATED

FIGURE 8

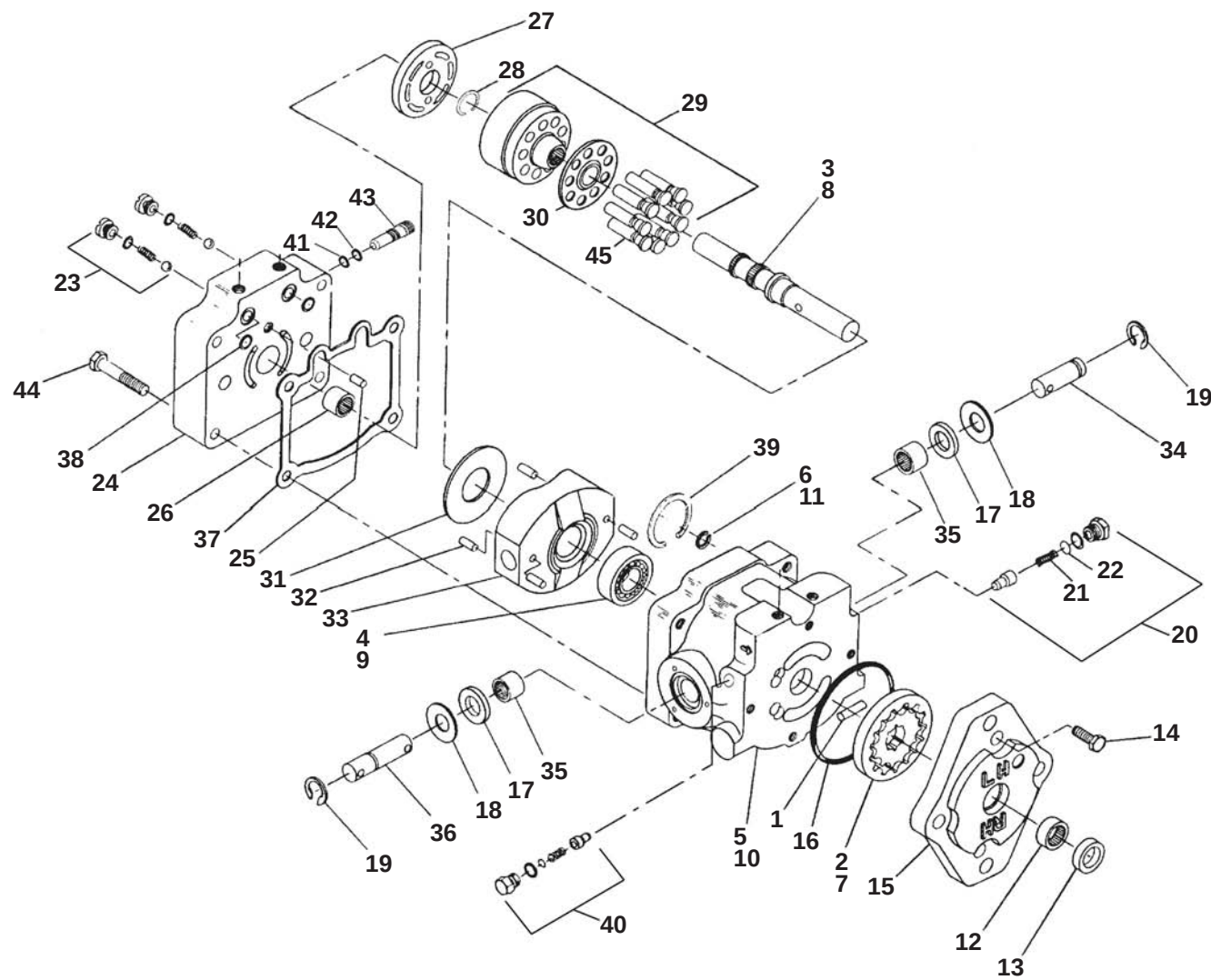


FIGURE 8

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
8-1	21-041	DRIVE PIN	1	8-33	21-021	SWASHPLATE-VARIABLE	1
8-2	21-027	GEROTOR, CHARGE PUMP	1	8-34	21-017	SHAFT-TRUNNION	1
8-3	21-028	SHAFT-PUMP	1	8-35	21-066	BEARING-BRONZE	2
8-4	21-032	BEARING	1	8-36	21-018	SHAFT-CONTROL	1
8-5	21-052	HOUSING-PUMP	1	8-37	21-020	GASKET	1
8-6	21-044	RING-RETAINING	1	8-38	21-037	O-RING	2
	(ITEMS 1-6 USED ON SERIES 15-2177)			8-39	21-042	RING-RETAINING	1
8-7	21-3104034	GEROTOR ASSEMBLY	1	8-40	21-065	KIT-RELIEF VALVE PRIOR	1
8-8	21-3103848	SHAFT-PUMP	1	8-41	21-9004100-0120	O-RING	1
8-9	21-5000153	BEARING	1	8-42	21-9006110-0120	BACKUP RING	1
8-10	21-3104080	HOUSING ASSEMBLY	1	8-43	21-3103786	BYPASS VALVE	1
8-11	21-9006300-0087	RING-RETAINING	1	8-44	64123-82	BOLT-HEX 3/8-16X2-1/2	4
	(ITEMS 7-11 USED ON SERIES 15-2264)			8-45	21-9510621	PISTON ASSEMBLY	9
8-12	21-036	BEARING-CHARGE PUMP	1	8-46	* 71-009	TOOL-SPRING COMPRESS	1
8-13	21-048	SEAL-INPUT SHAFT	1		(USED TO SERVICE ITEM 29)		
8-14	21-046	SCREW-HEX 5/16x7/8	4		* NOT ILLUSTRATED		
8-15	21-031	HOUSING-CHARGE PUMP	1				
8-16	21-038	O-RING	1				
8-17	21-047	SEAL-CONTROL SHAFT	2				
8-18	21-049	WASHER	2				
8-19	21-045	RING-RETAINER	2				
8-20	21-051	KIT-VALVE IMPLEMENT RLF1	1				
	(INCLUDES ITEMS 21 & 22)						
8-21	21-3102027	SPRING-IMPLEMENT RLF	1				
8-22	21-059	SHIM PACK	1				
8-23	21-050	KIT-CHECK VALVE	1				
8-24	21-023	END CAP-PUMP	1				
8-25	21-040	PIN-LOCATING	1				
8-26	21-034	BEARING-NEEDLE	1				
8-27	21-026	PLATE-VALVE PUMP	1				
8-28	21-092	RING-RETAINING	1				
8-29	21-029	KIT-CYLINDER BLOCK	1				
	(INCLUDES ITEMS 30 & 45)						
8-30	21-069	WASHER-PISTON RETAIN	1				
8-31	21-019	PLATE-THRUST	1				
8-32	21-039	SPRING PIN	4				

FIGURE 9

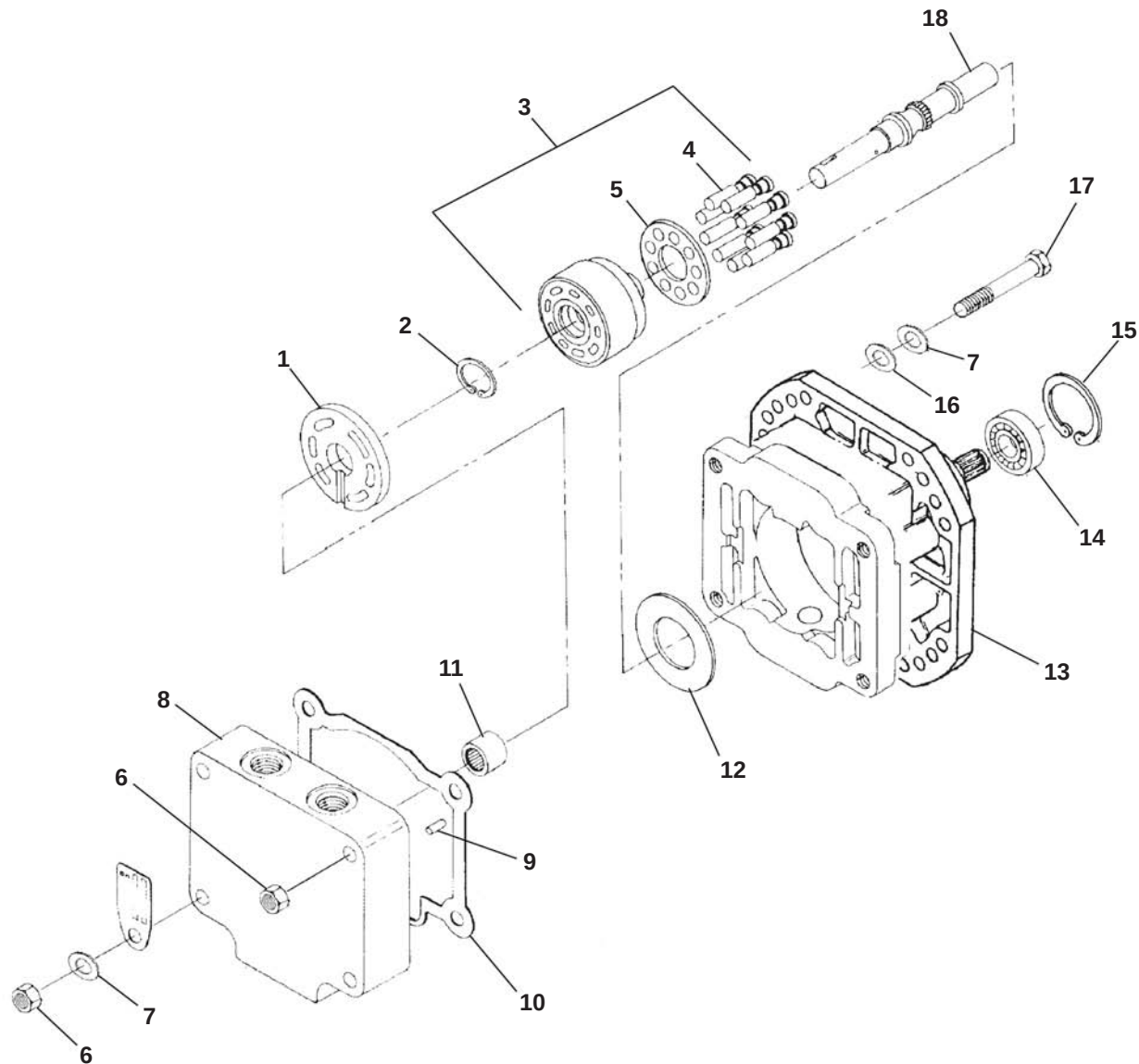


FIGURE 9

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
9-1	21-025	PLATE-VALVE MOTOR	1				
9-2	21-092	RING-RETAINING	1				
9-3	21-029	KIT-CYLINDER BLOCK (INCLUDES ITEMS 4 & 5)	1				
9-4	21-9510621	PISTON ASSEMBLY	9				
9-5	21-069	WASHER-PISTON RETAIN	1				
9-6	64025-05	NUT-3/8-16 HEX	4				
9-7	F3053	WASHER-FLAT 3/8x3/4x.13	5				
9-8	21-024	END CAP-MOTOR	1				
9-9	21-040	PIN-LOCATING	1				
9-10	21-020	GASKET	1				
9-11	21-034	BEARING-NEEDLE	1				
9-12	21-019	PLATE-THRUST	1				
9-13	21-030	HOUSING-MOTOR (ITEM 13 IS NOT AVAILABLE AS A SERVICE PART)	1				
9-14	21-033	BEARING	1				
9-15	21-043	RING-RETAINING	1				
9-16	21-9009640-3700	WASHER-PRESSURE	4				
9-17		BOLT-3/8x3-1/4, GRADE 8	4				
9-18	21-022	SHAFT-MOTOR	1				
9-19	* 51-011	PINION GEAR	1				
9-20	* 64144-01	SNAP RING 5/8	1				
9-21	* 71-009	TOOL-SPRING COMPRESS (USED TO SERVICE ITEM 3)	1				

* NOT ILLUSTRATED

FIGURE 10

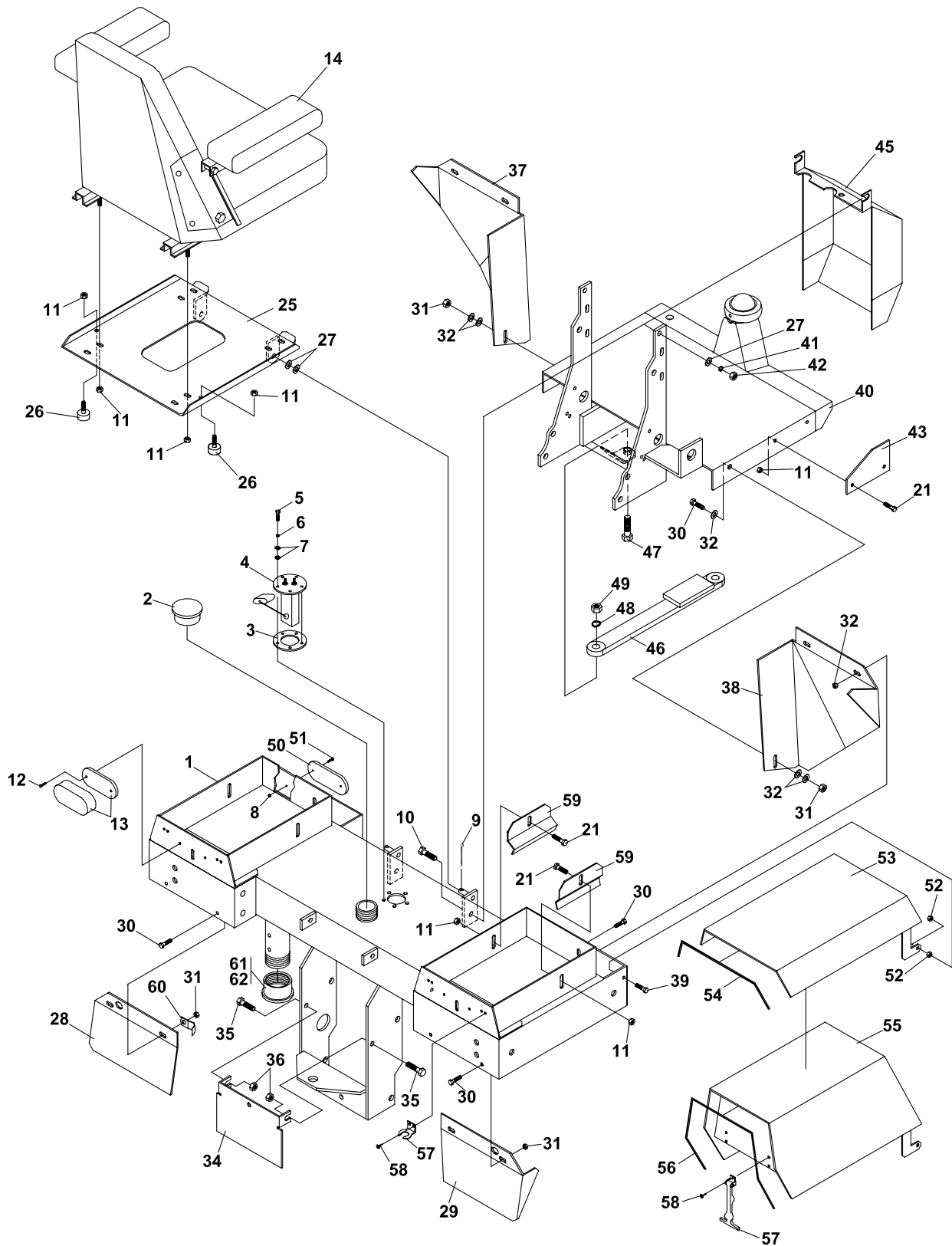


FIGURE 10

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
10-1	62-831.7	FUEL TANK	1	10-47	64123-108	BLT-HEX 5/8-18X2-1/2	1
10-2	47-007	CAP, GAS TANK	1	10-48	64006-04	LOCKWSHR-HELICAL 5/8	1
10-3	35-086	GASKET, LEVEL SENDER	1	10-49	64151-28	NUT-HEX 5/8-18 CNTRLCK	1
10-4	35-084	SENDER, FUEL LEVEL	1	10-50	33-012	REFLECTOR, AMBER OVAL	2
10-5	01-040	SCREW, MACHINE 10-32x1	5	10-51	64152-38	SCREW #8-32X3/4	4
10-6	120052	LOCKWASHER	5	10-52	64229-01	LOCKNUT-NYLON 1/4-20	8
10-7	64163-60	WASHER-.50x.203x18GA	10	10-53	60-261.17	FENDER LID	2
10-8	64025-29	NUT-HEX #8-32 KEPS	4	10-54	56-027-16	TRIM-LOC, 16"	2
10-9	02-CP0508	COTTER PIN, 5/32 X 1 ZP	2			(ITEMS 53 & 54 USED ON UNITS WITH KOHLER ENGINES ONLY)	
10-10	64123-16	BLT-HEX 3/8-16X1-1/4	2				
10-11	64141-6	NUT, 5/16-18	14	10-55	60-302.17	BATTERY LID	2
10-12	01-007	SCREW, 12-24x1/2 HEX	4	10-56	56-027-26	TRIM-LOC, 26"	2
10-13	33-034	TWO BULB TAIL LIGHT (INCLUDES ITEM 44)	2	10-57	47-030	RUBBER LATCH ASSEMBLY	2
				10-58	04-004	POP RIVET, 3/16 X 1/4 SS.	8
10-14	47-151	SEAT, XR-210 STEINER	1	10-59	64-575.7	BRACKET, HOLD-DOWN (ITEMS 55-59 USED ON UNITS WITH KUBOTA ENGINES ONLY)	2
10-15	*75-70422	KIT-SUSPENSION SEAT-4301					
10-16	*158135-01	SWITCH, SEAT N.O.	1				
10-17	*99-K31	BOLT, FLANGE 1/4-20x1/2	2	10-60	11-037	CLAMP, 1/2" INS. HALF	2
10-18	*30-242	WIRE ASSY, SEAT SWITCH	1	10-61	24-010	PIPE CAP, 2" W/DRAIN (ITEM 61 USED ON UNITS WITH DIESEL ENGINES ONLY)	1
10-19	*47-096	ARMREST, RH	1				
10-20	*47-097	ARMREST, LH	1				
10-21	64139-13	BLT-WLF 5/16-18X1/2	8				
10-22	*47-094	ADJUSTER, LATCHING	1				
10-23	*47-095	ADJUSTER, SLAVE	1	10-62	29-015	PIPE CAP, 2" (ITEM 62 USED ON UNITS WITH GAS ENGINES ONLY)	1
10-24	*99-23	BOLT, 5/16-18x1/2 NC SHCS	4				
10-25	4133625.7	WLDMT-SEAT PLATE	1				
10-26	05-042	ISOLATOR,RUBBER	2				
10-27	64163-61	WASHER-.81X.406X16GA	6				
10-28	60-265.17	REAR FENDER, RIGHT	1				
10-29	60-264.17	REAR FENDER, LEFT	1				
10-30	64139-04	BOLT-WLF 1/4-20X3/4	8				
10-31	64141-2	NUT-WLF 1/4-20	10				
10-32	453023	FLATWASHER-1/4	10				
10-33	64006-01	LOCKWASHER-1/4 HEL	2				
10-34	60-583.7	GUARD, REAR TRANSAXLE	1				
10-35	64139-21	BOLT-WLF 3/8-16x3/4	2				
10-36	64141-4	NUT-WLF 3/8-16	2				
10-37	60-267.17	FRONT FENDER, LEFT	1				
10-38	60-266.17	FRONT FENDER, RIGHT	1				
10-39	64123-89	BOLT-HEX 1/4-20X3/4	2				
10-40	62-435.17	REAR FRAME-TREADPLT	1				
10-41	64006-03	WASHER, 3/8 HELICAL LCK	2				
10-42	64025-05	NUT-3/8-16 HEX	2				
10-43	64-460.7	TOE GUARD	2				
10-44	*33-014	BULB-TAIL LIGHT	2				
10-45	60-277.17	REAR MOTOR SHIELD	1				
10-46	62-116.7	CENTER LINK	1				

* NOT ILLUSTRATED

FIGURE 11

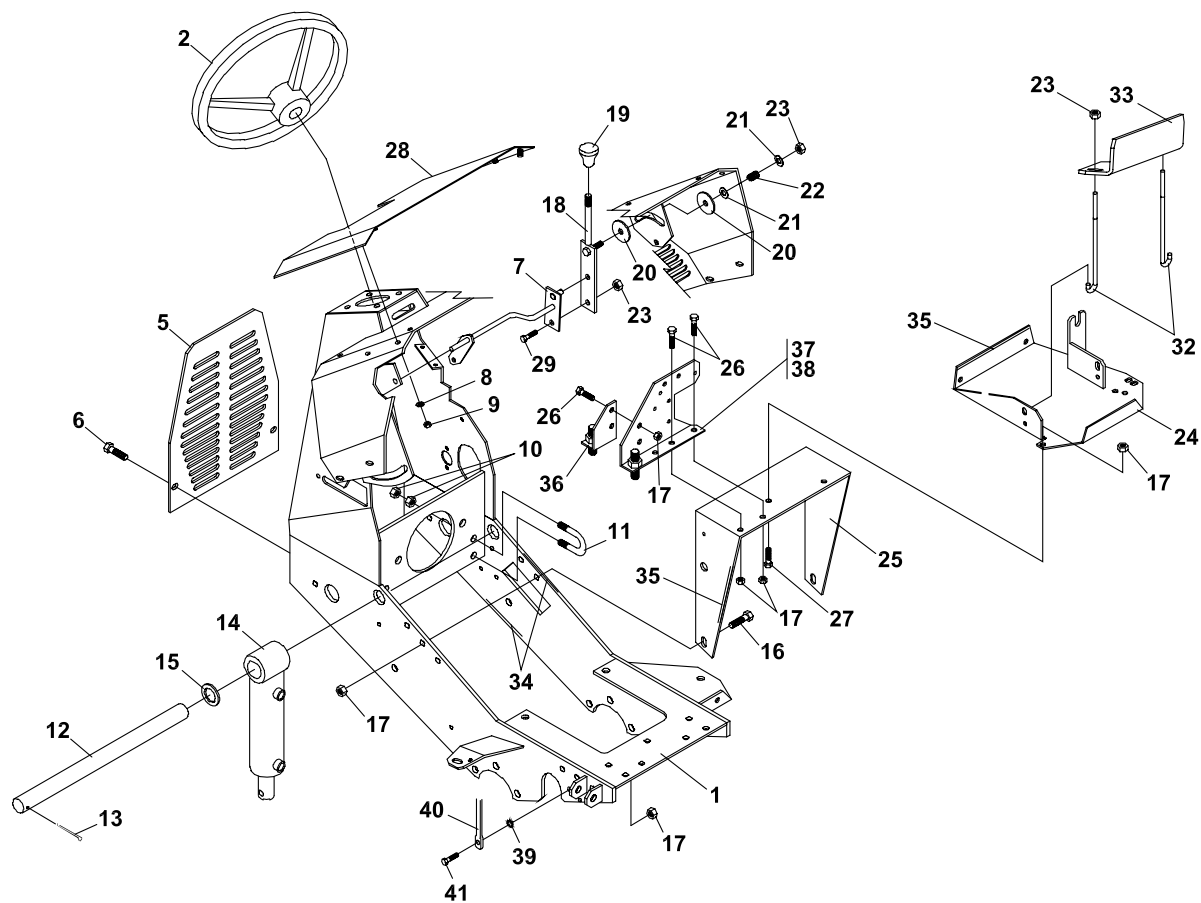


FIGURE 11

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
11-1	62-832.17	FRAME, 430 FRONT	1	11-38	64-948.7	BRKT-AUX VALVE (ITEM 42 USED ON UNITS WITH KUBOTA ENGINES ONLY)	1
11-2	47-103	STEERING WHEEL	1				
11-3	*47-104	CAP, STEERING WHEEL	1	11-39	99-G06	WASHER-1/4"	1
11-4	*4128434	LABEL-STEERING STEINER	1	11-40	30-291	STRAP, BRAIDED GROUND	1
11-5	60-303.17	PUMP ACCESS PANEL	1	11-41	99-K02	BOLT, FLANGE 5/16-18 X 1	1
11-6	64139-04	BOLT-WLF 1/4-20X3/4	2				
11-7	42-490.7	THROTTLE LINKAGE	1				
11-8	64163-60	WSHR.50X.203X18GA	9				
11-9	64229-09	LOCKNUT-NYLON #8-32	9				
11-10	64141-4	NUT-WLF 3/8-16	4				
11-11	99-F39	U-BOLT, 3/8-16 X 2" CUT	2				
11-12	80-255	SHAFT, CYLINDER MOUNT	1				
11-13	02-CP0510	COTTER PIN, 5/32 X 1-1/4	1				
11-14	23-083	CYLINDER, 2-1/4" X 5" HYD.	1				
11-15	64163-64	WSHR 1.015X1.500X14GA	1				
11-16	64139-08	BOLT-5/16-18X3/4 WLF	2				
11-17	64141-6	NUT, 5/16-18	8				
11-18	40-142.7	LEVER, THROTTLE	1				
11-19	47-114	KNOB, TAPERED 3/8-16	1				
11-20	05-028	WASHER, FRICTION	2				
11-21	64163-04	25/64X5/8X16GA WASHER	2				
11-22	41-055	SPRING,COMP 0.563 X 0.50	1				
11-23	64229-02	LOCKNUT-NYLON 5/16-18	4				
11-24	64-574.7	BATTERY TRAY	1				
11-25	64-174.7	BATTERY SUPPORT	1				
11-26	64139-13	BLT-WLF 5/16-18X1/2	4				
11-27	64139-08	BOLT-5/16-18X3/4	1				
11-28	06-045	DASH PANEL	1				
11-29	64123-54	BOLT, 5/16-18X3/4 HEX	1				
11-30	*47-101	CABLE, CHOKE 31-1/2" (ITEM 30 USED ON UNITS WITH KOHLER ENGINES ONLY)	1				
11-31	*47-032	CABLE, CHOKE 33-1/2" (ITEM 31 USED ON UNITS WITH KUBOTA ENGINES ONLY)	1				
11-32	4133247	ROD-BATTERY CLAMP	2				
11-33	4136718.7	BRKT-BATT HLD-DWN	1				
11-34	56-053	TRIM, TRIM-LOC 8" (ITEMS 34 & 35 USED ON UNITS WITH KOHLER ENGINES ONLY)	1				
11-35	56-027	TRIM, TRIM-LOC 5"	2				
11-36	64-949.7	BRKT-COUPLER	1				
11-37	64-950.7	BRKT-AUX VALVE (ITEM 41 USED ON UNITS WITH KOHLER ENGINES ONLY)	1				

* NOT ILLUSTRATED

FIGURE 12

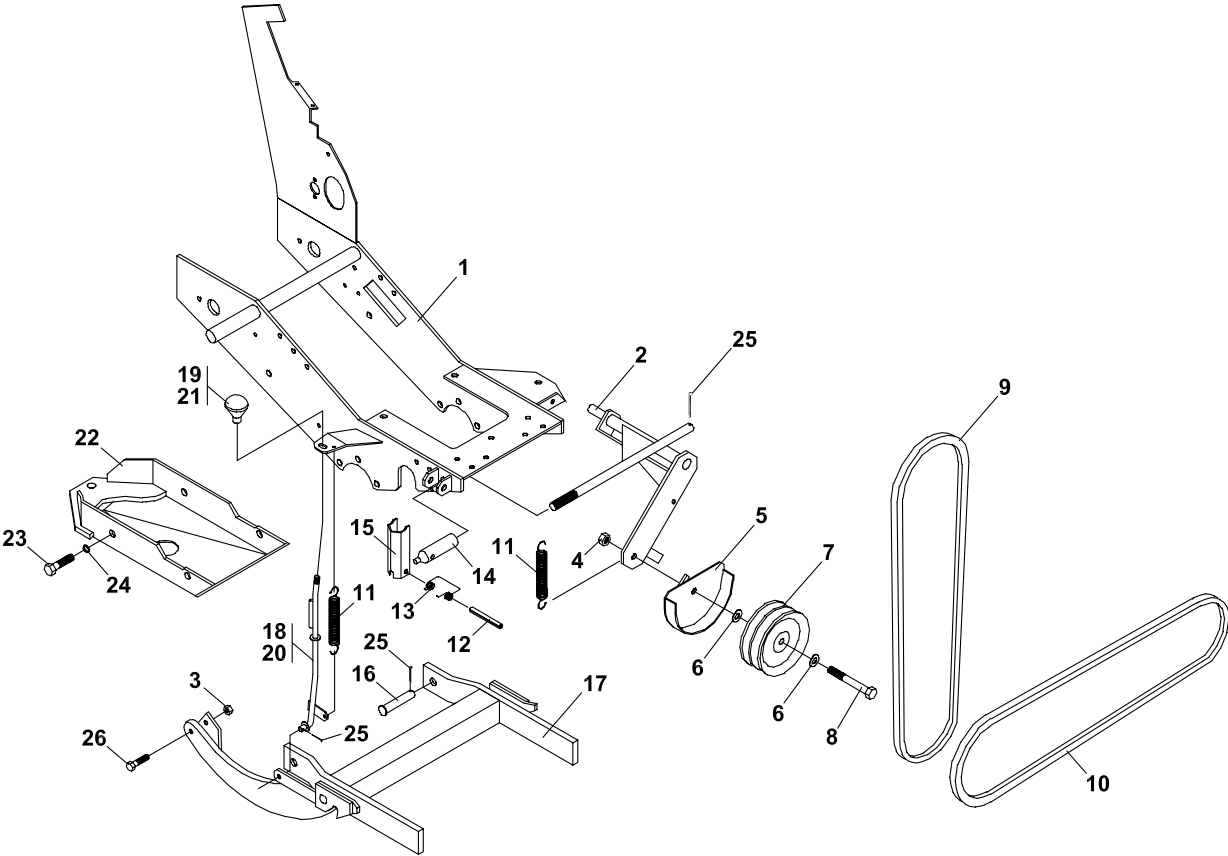
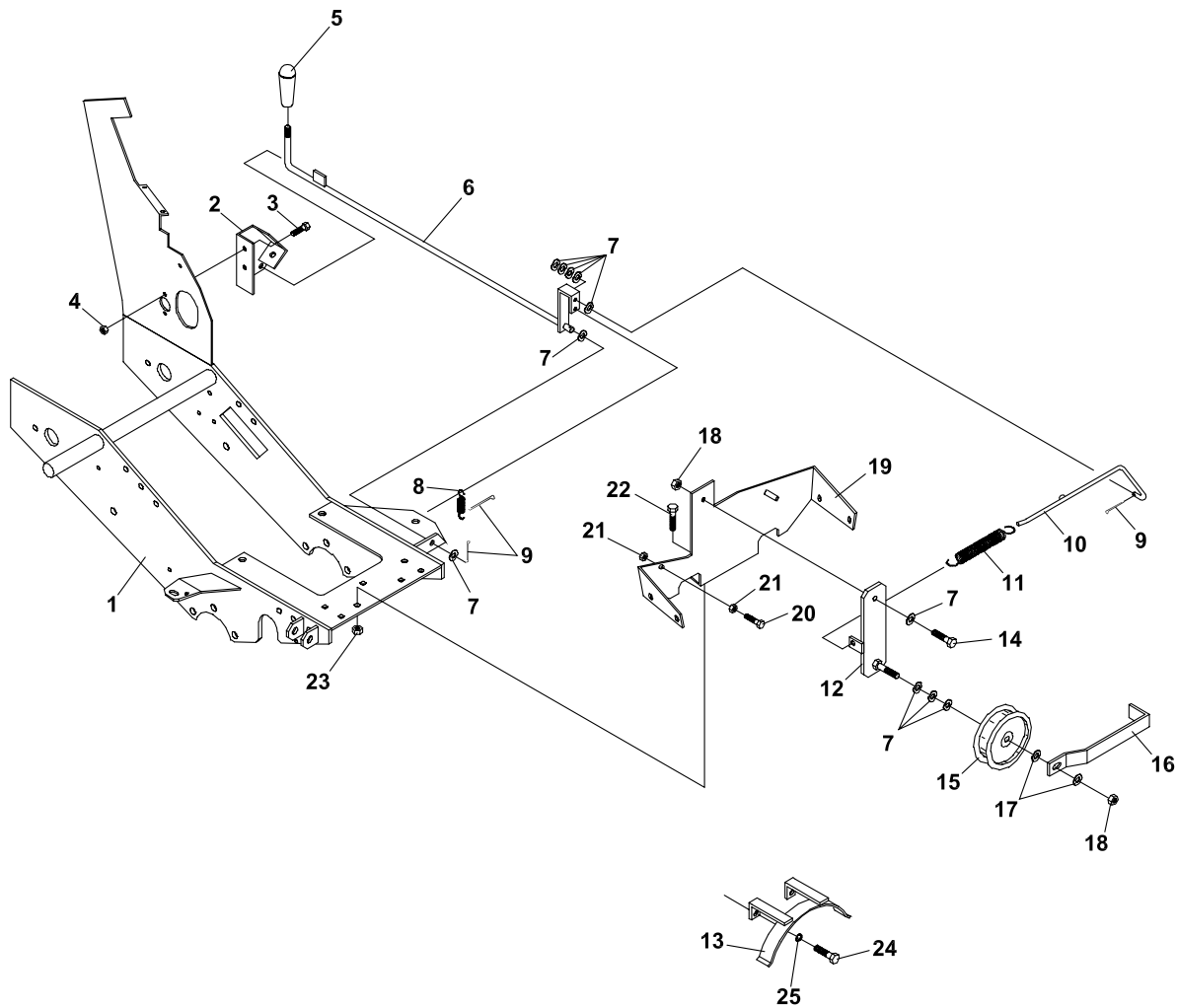


FIGURE 12

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
12-1	62-832.17	FRAME, 430 FRONT	1				
12-2	62-760.7	ARM, IDLER SLIDER BRKT	1				
12-3	64229-03	LOCKNUT-NYLON 3/8-16	1				
12-4	64229-05	LOCKNUT, 1/2-13 NYLON	1				
12-5	64-745.7	SHIELD, DOUBLE IDLER	1				
12-6	64163-67	WASHER-.516X1X12GA	2				
12-7	83-026	PULLEY, 2GR IDLER	1				
	* 83-MK173	BUSHING, FOR 83-026	1				
	* 55-6204	BEARING, FOR 83-026	2				
12-8	90-0826	BOLT, 1/2-13 X 3-1/4 NC	1				
12-9	81-B039	BELT, B39	1				
12-10	81-A040	BELT, 84420	1				
12-11	41-010	SPRING	2				
12-12	02-RP1224	ROLL PIN, 3/8 X 3	1				
12-13	41-062	SPRING,TORSION	1				
12-14	62-818	PTO IDLER BRACKET ADJ.	1				
12-15	64-859.7	IDLER LOCK	1				
12-16	64188-18	PIN, CLEVIS	2				
12-17	62-833.7	FRONT LIFT, 430	1				
12-18	40-139.7	LEVER, FRONT LIFT REL	1				
12-19	47-003	KNOB, LARGE	1				
	(ITEMS 18 & 19 USED ON UNITS WITH KOHLER ENGINES ONLY)						
12-20	40-165	LEVER, FRONT RELEASE	1				
12-21	47-001	KNOB, SMALL	1				
	(ITEMS 20 & 21 USED ON UNITS WITH KUBOTA ENGINES ONLY)						
12-22	62-693.7	FRAME, LOWER FRONT	1				
12-23	64123-39	BOLT-HEX 1/2-13X1-1/4	4				
12-24	64006-05	LOCKWSHR-HELICAL 1/2	4				
12-25	64140-1	COTTER PIN-1/8X1	4				
12-26	64123-88	BOLT, 3/8-16X2-3/4 HEX	1				

* NOT ILLUSTRATED

FIGURE 13



**430
MAX**

PTO LINKAGE & FRAME-KOHLER

FIGURE 13

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
13-1	62-832.17	FRAME, 430 FRONT	1				
13-2	64-876.7	PTO SWITCH MTG BRKT	1				
13-3	64139-04	BOLT-WLF 1/4-20X3/4	2				
13-4	64141-2	NUT-WLF 1/4-20	2				
13-5	47-114	KNOB, TAPERED 3/8-16	1				
13-6	40-138.7	LEVER, PTO	1				
13-7	64163-61	WSHR .81X.406X16GA	11				
13-8	41-013	SPRING	1				
13-9	64140-1	COTTER PIN-1/8X1	3				
13-10	42-251.7	LINKAGE, PTO	1				
13-11	41-010	SPRING	1				
13-12	40-318.7	ARM, IDLER	1				
13-13	60-627.7	BELT GUARD	1				
13-14	64123-50	BOLT-HEX 3/8-16X1	1				
13-15	83-029	IDLER	1				
13-16	64-746.7	BRACKET, BELT GUARD	1				
13-17	64163-31	WASHER	2				
13-18	64229-03	LOCKNUT-NYLON 3/8-16	2				
13-19	62-817.7	SUPPORT, FRONT	1				
13-20	64123-89	BOLT-HEX 1/4-20X3/4	1				
13-21	64025-01	NUT-1/4-20 HEX	2				
13-22	64139-21	BLT-WLF 3/8-16X3/4	2				
13-23	64141-4	NUT-WLF 3/8-16	2				
13-24	64123-38	BLT-HEX 7/16-14X1	2				
13-25	64006-06	LCKWSHER-HELICAL 7/16	2				

***NOT ILLUSTRATED**

FIGURE 14

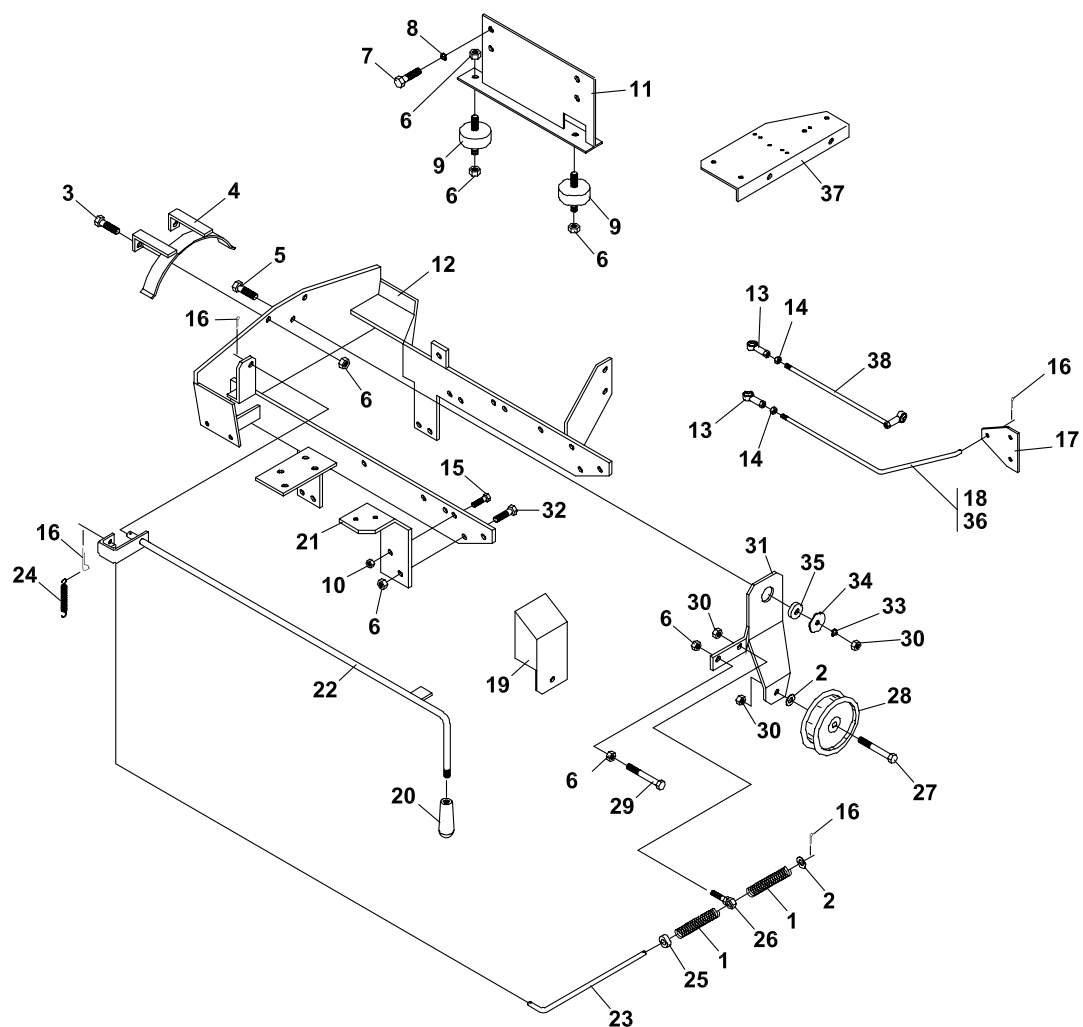


FIGURE 14

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
14-1	41-021	COMPRESSION SPRING	2				
14-2	64163-61	WSHR .81X.406X16GA	2				
14-3	64123-70	BOLT-HEX 3/8-16X1-1/2	2				
14-4	64-741.7	BRACKET, BELT GUIDE	1				
14-5	64123-16	BLT-HEX 3/8-16X1-1/4	1				
14-6	64141-4	NUT-WLF 3/8-16	13				
14-7	64206-11	HEX BOLT M10X20	8				
14-8	800488	LOCKWASHER,10MM	8				
14-9	05-006	MOTOR ISOLATOR	4				
14-10	64141-6	NUT, 5/16-18	1				
14-11	62-471.7	ENGINE MOUNT	2				
14-12	62-759.7	FRAME, ENGINE MOUNT	1				
14-13	43-004S	ROD END	2				
14-14	64025-23	NUT-HEX 1/4-28	2				
14-15	64139-08	BOLT-5/16-18X3/4 WLF	1				
14-16	64140-1	COTTER PIN-1/8X1	4				
14-17	64-220.7	THROTTLE ADAPTER	1				
14-18	42-310.7	LINK, THROTTLE	1				
		(ITEM 18 USED ON UNITS WITH GAS ENGINES ONLY)					
14-19	64-877.7	PTO SWITCH MTG BRKT	1				
14-20	47-114	KNOB, TAPERED	1				
14-21	64-734.7	BRACKET, FILTER MOUNT	1				
14-22	40-186	LEVER, KUBOTA PTO	1				
14-23	42-309.7	LINK, KUBOTA PTO	1				
14-24	41-013	SPRING	1				
14-25	85-SC06	S/B SET COLLAR, 3/8" ZP	1				
14-26	4136493	SWIVEL	1				
14-27	64123-67	BLT-HEX 3/8-16X2	1				
14-28	83-029	IDLER	1				
14-29	64123-82	BOLT-HEX 3/8-16X2-1/2	1				
14-30	64229-03	LOCKNUT-NYLON 3/8-16	3				
14-31	40-291.7	IDLER ARM, PTO	1				
14-32	64139-24	BOLT-WLF 3/8-16X1	1				
14-33	64006-03	WASHER, 3/8 HELICAL LCK	1				
14-34	99-B10	WASHER,1/8x13/32x1-1/2	1				
14-35	99-B40	WASHER, 3/8"X1"X.255	1				
14-36	42-276.7	LINKAGE, THROTTLE	1				
14-37	64-417	KUBOTA MODULE MOUNT	1				
14-38	42-277	LINKAGE, SHUT-OFF	1				
		(ITEMS 36-38 USED ON UNITS WITH DIESEL ENGINES ONLY)					

FIGURE 15

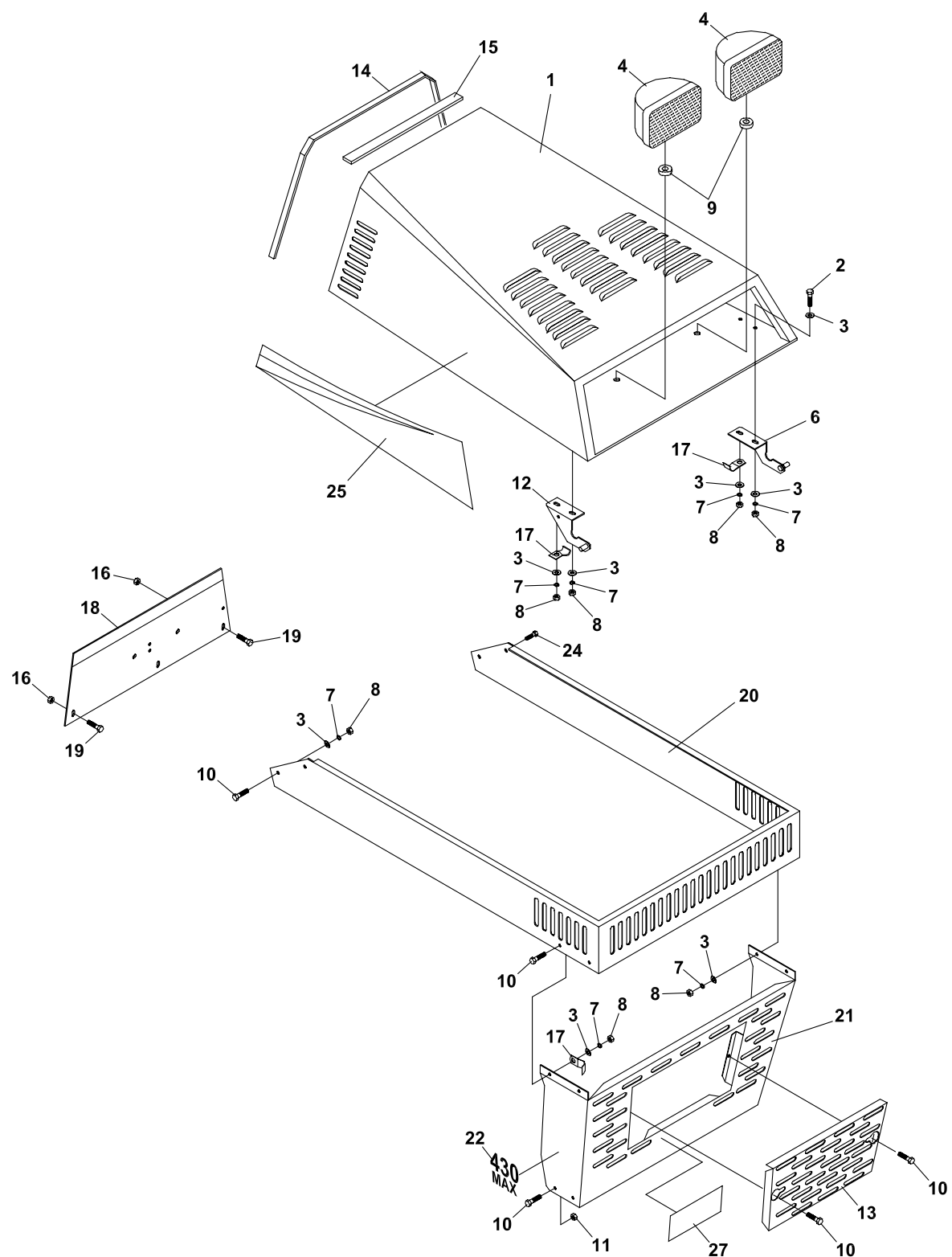


FIGURE 15

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
15-1	60-643.17	HOOD	1				
15-2	64123-114	BOLT-HEX 1/4-20X1	4				
15-3	453023	FLATWASHER, 1/4	16				
15-4	4128713	HEADLIGHT	2				
15-5	*4128713-01	12V 55W BULB	1				
15-6	64-181.7	HOOD HINGE, LEFT	1				
15-7	64006-01	LOCKWASHER-1/4 HELICAL	12				
15-8	64025-01	NUT-1/4-20 HEX	12				
15-9	99-B12	SPACER	2				
15-10	64139-04	BOLT-WLF 1/4-20X3/4	14				
15-11	64141-2	NUT-WLF 1/4-20	4				
15-12	64-182.7	HOOD HINGE, RIGHT	1				
15-13	60-581.17	GRILLE, HATCH	1				
15-14	56-027	TRIM, TRIM-LOC 36"	1				
15-15	56-003	WEATHERSTRIP 12"	1				
15-16	64141-2	NUT-WLF 1/4-20	2				
15-17	11-037	CLAMP-INSULATED HALF	3				
15-18	60-642.7	HOOD FILLER PLATE	1				
15-19	64139-02	BLT-WLF 1/4-20X1/2	2				
		(ITEMS 16-19 USED ON UNITS WITH KOHLER ENGINES ONLY)					
15-20	60-366.7	SIDE PANEL	1				
15-21	60-579.17	GRILLE, HOUSING	1				
15-22	4128660	LABEL-430 MAX	2				
15-23	*64-241.7	GRILLE SPACER	1				
15-24	99-K27	BOLT, FLANGE 1/4-20x1	1				
		(ITEMS 22-24 USED ON UNITS WITH KUBOTA ENGINES ONLY)					
15-25	4128430	LABEL-430 HOOD, RH	1				
15-26	*4128431	LABEL-430 HOOD, LH	1				
15-27	00-025	DECAL-HANDS/BELT	1				

*** NOT ILLUSTRATED**



FIGURE 16

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
16-1	62-832.17	FRAME, 430 FRONT	1				
16-2	05-024	WASHER, FRICTION	2				
16-3	64-799	WASHER, 13/32IDx1-9/32OD	1				
16-4	64123-87	BOLT-HEX 3/8-16X1-3/4	2				
16-5	64006-01	LOCKWASHER-1/4 HELICAL	4				
16-6	64025-23	NUT-HEX 1/4-28	3				
16-7	64163-86	WSHR-FLAT .265x.625x.125	11				
16-8	40-135.7	HUB, PUMP LEVER	1				
16-9	64141-6	NUT, 5/16-18	2				
16-10	41-039	SPRING, COMPRESSION	1				
16-11	05-025	GROMMET, 1/4 ID X 5/8 OD	3				
16-12	64123-67	BLT-HEX 3/8-16X2	2				
16-13	43-004MA	ROD END, 1/4" MALE	1				
16-14	43-004S	ROD END	1				
16-15	64025-05	NUT-3/8-16 HEX	3				
16-16	99-K71	BOLT, FULL THREAD 3/8x3"	1				
16-17	41-074	SPRING, HANDLE	1				
16-18	47-003	KNOB, LARGE	1				
16-19	40-323	HANDLE-FORWARD/REV	1				
16-20	64025-25	NUT-HEX #4-40	2				
16-21	01-039	WASHER, LOCK #4	2				
16-22	31-038	SWITCH, 3 POST	1				
16-23	64141-4	NUT-WLF 3/8-16	2				
16-24	40-324.7	PUMP LEVER	1				
16-25	64006-03	WSHR, 3/8 HELICAL LOCK	1				
16-26	64025-01	NUT-1/4-20 HEX	2				
16-27	64123-114	BOLT-HEX 1/4-20X1	1				
16-28	64123-07	BOLT, 1/4-20X1-1/2 HEX	3				
16-29	01-037	SCREW-MACHINE#4-40x3/4	2				
16-30	64001-6	NUT-HEX JAM,3/8-16	1				
16-31	64-1005.7	MOUNT, STABILIZER	1				
16-32	47-128	STABILIZER, SHOCK	1				
16-33	99-K62	BOLT-FLNG 5/16-18x1-1/4	1				
16-34	90-0414	BOLT,1/4-20 X 1-3/4 NC	1				
16-35	64123-12	BLT-HEX 5/16-18X2-1/2	1				
16-36	99-K77	BOLT, SOCKET 1/4x5/8	2				
16-37	64-945.7	MOUNT, HANDLE	1				
16-38	64141-2	NUT-WLF 1/4-20	2				
16-39	64-1004.7	MOUNT, F-R HANDLE	1				
16-40	64229-03	LOCKNUT-NYLON 3/8-16	1				
16-41	64163-04	25/64X5/8X16GA WASHER	3				
16-42	64163-61	WSHR .81X.406X16GA	2				
16-43	64151-18	NUT, HEX	2				

FIGURE 17

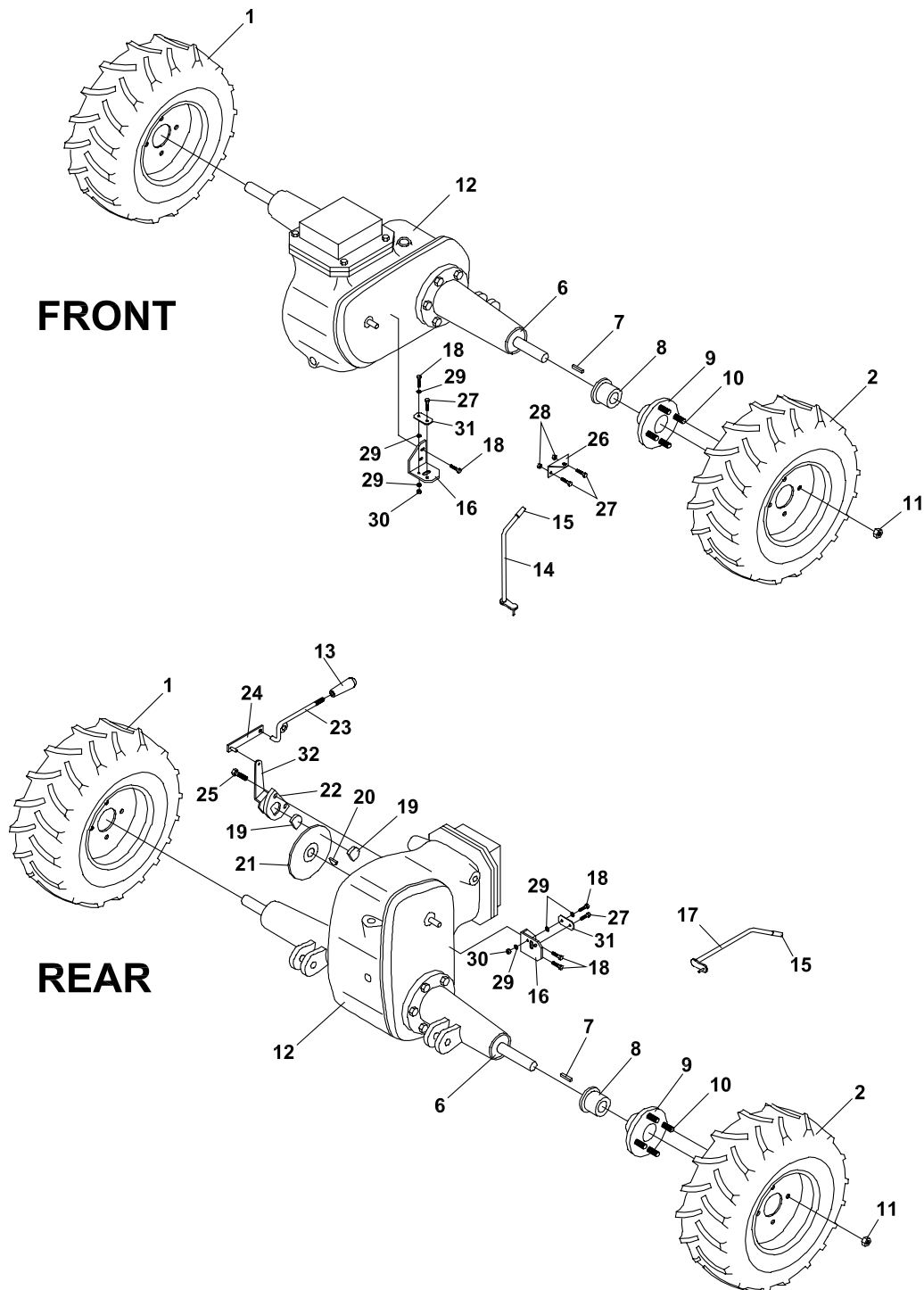


FIGURE 17

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
17-1	4139002	WHEEL ASSY, 21X1100X8 TRACTION BAR TIRE (INCLUDES ITEMS 3 & 4)	2				
17-2	4139001	WHEEL ASSY, 21X1100X8 TRACTION BAR TIRE (INCLUDES ITEMS 3 & 4)	2				
17-3	* 53-043	TIRE-TRACTION BAR TYPE	1				
17-4	* 53-051	RIM-8x8.5	1				
17-5	* 53-091	TIRE-TURFMATE (ITEM 5 IS AN OPTIONAL TIRE)					
17-6	51-788073	SEAL-AXLE SHAFT 1-1/4"	4				
17-7	64164-10	1/4X1/4X1-1/4 MACH KEY	4				
17-8	83-P120	BUSHING, 1-1/4	4				
17-9	53-058	HUB	4				
17-10	64123-90	BOLT, 1/2-20X2 HEX	16				
17-11	64187-03	WHEEL NUT 1/2-20	16				
17-12	51-031	TRANSAXLE, 1-1/4 AXLES	2				
17-13	47-114	KNOB, TAPERED 3/8-16	1				
17-14	64-833.7	TRANSAXLE SHIFTER FRT	1				
17-15	47-046	HANDLE GRIP, 3/8 IDx3/4	2				
17-16	64-831.7	SHIFT LEVER BRACKET	2				
17-17	64-832.7	TRANSAXLE SHIFTER RR	1				
17-18	64123-89	BOLT-HEX 1/4-20X3/4	6				
17-19	53-021	BRAKE PADS, (2)	1				
17-20	64164-19	KEY WOODRUFF.19X.75 #9	1				
17-21	53-020	DISC, PARKING BRAKE	1				
17-22	53-022	BRAKE, CALIPER CMPLT	1				
17-23	40-034.7	LEVER ASSY, BRAKE	1				
17-24	40-033.7	BRAKE LINK	1				
17-25	64123-70	BOLT-HEX 3/8-16X1-1/2	2				
17-26	64-766	TWO LEVER SHFTR BRKT	1				
17-27	64139-04	BOLT-WLF 1/4-20X3/4	4				
17-28	64141-2	NUT-WLF 1/4-20	2				
17-29	64163-86	WSHR-FLAT .265x625x.125	6				
17-30	64229-01	LOCKNUT-NYLON 1/4-20	2				
17-31	64-860	SHIFTER LOCK STRAP	2				
17-32	53-113	BRAKE LEVER	1				

***NOT ILLUSTRATED**

FIGURE 18

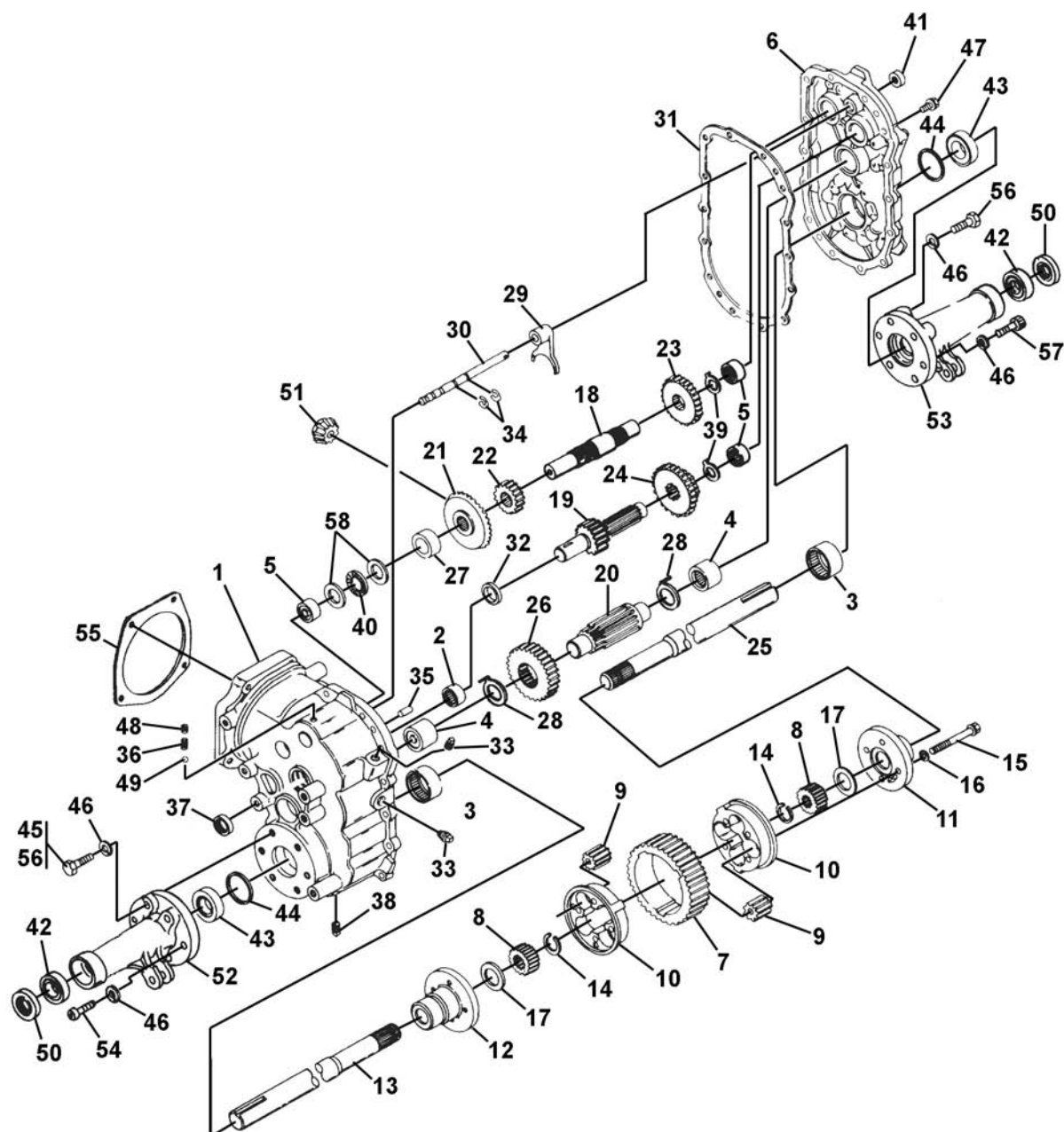


FIGURE 18

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
18-1	51-770060B	TRANSAXLE CASE (INCLUDES ITEMS 2-5)	1	18-42	51-780158	BEARING, AXLE	4
18-2	51-780097	NEEDLE BEARING	1	18-43	51-780104	THRUST BEARING	2
18-3	51-780098	NEEDLE BEARING	2	18-44	51-021	O-RING (788048)	2
18-4	51-780099	NEEDLE BEARING	2	18-45	64123-125	BOLT-HEX 1/2-13X2-3/4	2
18-5	51-780100	NEEDLE BEARING	3	18-46	51-792066	LOCKWASHER, 1/2"	8
18-6	51-772065	TRANSAXLE COVER (INCLUDES ITEMS 3-5)	1	18-47	51-792067	SCREW, 5/16x1"	14
18-7	51-778084	RING GEAR	1	18-48	51-792068	DETENT SET SCREW	1
18-8	51-778085	SIDE GEAR	2	18-49	51-792004	DETENT BALL	1
18-9	51-778086	PINION GEAR	8	18-50	51-788073	SEAL, AXLE	2
18-10	51-786054	CORE BODY	2	18-51	51-011	PINION GEAR (778093A)	1
18-11	51-774199	DIFFERENTIAL CARRIER	1	18-52	51-782071	AXLE HOUSING, LEFT	1
18-12	51-774200	DIFFERENTIAL CARRIER	1	18-53	51-782072	AXLE HOUSING, RIGHT	1
18-13	51-774890	AXLE, 18-7/32" LONG	1	18-54	99-16	BOLT, 1/2x2-3/4" SHCS (ITEM 54 USED ON LEFT SIDE)	4
18-14	51-792062	SNAP RING	2	18-55	21-005	GASKET, MOTOR (788050)	1
18-15	51-792063	DIFFERENTIAL BOLT	4	18-56	90-0814	BOLT, 1/2 UNCx1-3/4	6
18-16	51-792011	LOCKWASHER, 3/8"	4	18-57	99-21	BOLT, 1/2x1-1/2" SHCS (ITEM 57 USED ON RIGHT SIDE)	4
18-17	51-780101	THRUST WASHER	2	18-58	51-780045	THRUST WASHER	2
18-18	51-776209	COUNTER SHAFT	1				
18-19	51-776122	BRAKE SHAFT	1				
18-20	51-776120A	OUTPUT PINION	1				
18-21	51-778087	BEVEL GEAR, 30 TEETH	1				
18-22	51-778088	SPUR GEAR, 16 TEETH	1				
18-23	51-778096	SPUR GEAR, 23 TEETH	1				
18-24	51-778097	CLUSTER GEAR, 20/27 TTH	1				
18-25	51-774889	AXLE, 16-17/32" LONG	1				
18-26	51-778098	OUTPUT GEAR, 37 TEETH	1				
18-27	51-786094	SPACER	1				
18-28	51-780156	THRUST WASHER, TAB	2				
18-29	51-784195	SHIFTER FORK	1				
18-30	51-784196A	SHIFTER ROD	1				
18-31	51-788047	GASKET-CASE & COVER	1				
18-32	51-780005	SPACER	1				
18-33	51-792010	PLUG-PIPE	2				
18-34	51-792064	SNAP RING	2				
18-35	51-786026	PIN-DOWEL	2				
18-36	51-792003	DETENT SPRING	1				
18-37	89-008	SEAL-OIL (788008)	1				
18-38	51-792019	DRAIN PLUG, MAGNETIC	1				
18-39	51-780157	THRUST WASHER, TAB	2				
18-40	51-780012	THRUST BEARING	1				
18-41	89-007	SEAL-OIL (788034)	1				

The diagram illustrates the electrical wiring for a vehicle, centered around a main power distribution line. Key components and their connections include:

- Front Lights (15):** Connected via wires 303, 302, 101, and 100.
- Rear Lights (1):** Connected via wires 300 and 301.
- Fuel Sender (18):** Connected via wires 105 and 801.
- PTO Safety Switch (17):** Connected via wires 604, 402, 900, 902, and 104.
- Internal Splice #1:** A junction point for wires 104, 105, 106, 101, 102, 103, and 108.
- Neutral Start Switch:** Connected via wires 1, 402, 3, and 406.
- Solenoid Battery Terminal (5):** Connected via wires 96, 95, and 202.
- Engine Connection:** Includes connections for Ignition (IGN 506), Oil Start (OIL 800), and Engine Harness.
- Circuit Breaker (9):** Connected via wires BAT 206, BAT 202, AUX 204, and 500.
- Ignition Switch:** Connected via wires L 600, L 602, G 103, G 107, M 506, B 204, S 406, and 500.
- Starter Circuit Relay:** Connected via wires 87 401, 85 604, 86 102, 30 206, and 87 602.
- Safety Circuit Relay:** Connected via wires 301, 304, 302, 85 600, 86 902, 30 700, and 87 602.
- Tachometer Sender:** Connected via wires AC 605, AC 606, and 100.
- Regulator:** Connected via wires AC B+ and AC.
- Alternator Harness:** Connected via wire AC 606.

The diagram also shows various connectors and plugs, including a 500 plug, a 800 plug, and a 100 plug, as well as a fuel sender (18) and a PTO safety switch (17). The wiring is organized into a clear, logical layout, with components labeled and wire numbers provided for identification.

FIGURE 19

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
19-1	33-034	TAILLIGHT, RED	2	19-10	31-033	IGNITION SWITCH, KOHLER	1
19-2	30-019	BATTERY CABLE, 4 GA 30"	1	19-11 *	31-046	KEY, MOLDED	1
19-3	* 30-105	COVER-TERMINAL, NEG.	1	19-12 *	31-047	HARDWARE SET	1
19-4	33-015	BATTERY, 26/26R 550 CCA	1	19-13 *	30-362	CONNECTOR-SOCKET	1
19-5	30-166	BATTERY CABLE, 4 GA 41"	1	19-14	35-067	RELAY	2
19-6	* 30-098	COVER-TERMINAL, POS.	1	19-15	4128713	HEADLIGHT	2
19-7	* 56-081	SLEEVEING, ID 0.77 NYLON	1	19-16	30-290	WIRE HARNESS, KOHLER	1
19-8	31-038	SWITCH-NEUTRAL START	1	19-17	31-043	SWITCH, PTO	1
19-9	30-059	CIRCUIT BREAKER	1	19-18	35-084	SENDER, FUEL LEVEL	1
				19-19	158135-01	SWITCH-SEAT N.O.	1
				19-20	30-291	STRAP, BRAIDED GROUND	1

* NOT ILLUSTRATED

KOHLER GAS ENGINE ELECTRICAL CIRCUIT LEGEND			
#	GAUGE	COLOR	DESTINATION
95	4	RED	+ BATTERY TO SOLENOID BATTERY TERMINAL
96	4	BLACK	- BATTERY TO ENGINE MOUNT BOLT
97	BRAIDED	SILVER	ENGINE MOUNT BOLT TO FRAME
100	16	BLACK	HEADLIGHT TO HEADLIGHT
101	16	BLACK	HEADLIGHT TO INTERNAL SPLICE #1
102	16	BLACK	STARTER CIRCUIT RELAY (86) TO INTERNAL SPLICE #1
103	16	BLACK	IGNITION SWITCH (G) TO INTERNAL SPLICE #1
104	16	BLACK	PTO SWITCH TO INTERNAL SPLICE #1
105	16	BLACK	FUEL SENDER (-) TO INTERNAL SPLICE #1
106	16	BLACK	SEAT SWITCH TO INTERNAL SPLICE #1
107	16	BLACK	DASH BULK CONNECTOR (C) TO IGNITION SWITCH (G)
108	14	BLACK	GROUND BOLT TO INTERNAL SPLICE #1
202	10	RED	SOLENOID BATTERY TERMINAL TO CIRCUIT BREAKER (BAT)
204	16	RED	IGNITION SWITCH (B) TO CIRCUIT BREAKER (AUX)
206	14	RED	CIRCUIT BREAKER (BAT) TO STARTER CIRCUIT RELAY (30)
300	16	YELLOW	TAIL LIGHT TO TAIL LIGHT
301	16	YELLOW	TAIL LIGHT TO INTERNAL SPLICE #2
302	16	YELLOW	HEADLIGHT TO INTERNAL SPLICE #2
303	16	YELLOW	HEADLIGHT TO HEADLIGHT
304	16	YELLOW	DASH BULK CONNECTOR (B) TO INTERNAL SPLICE #2
401	14	LT. GREEN	STARTER CIRCUIT RELAY (87) TO ENGINE CONNECTOR
402	16	LT. GREEN	PTO SWITCH TO NEUTRAL START SWITCH
406	16	LT. GREEN	NEUTRAL START SWITCH TO IGNITION SWITCH (S)
500	16	WHITE	DASH BULK CONNECTOR (A) TO IGNITION SWITCH (A)
506	16	WHITE	ENGINE CONNECTOR TO IGNITION SWITCH (M)
600	16	GREY/BLUE	SAFETY CIRCUIT RELAY (85) TO IGNITION SWITCH (L)
602	16	GREY/BLUE	SAFETY CIRCUIT RELAY (87) TO IGNITION SWITCH (L)
604	16	GREY/BLUE	STARTER CIRCUIT RELAY (85) TO PTO SWITCH
605	16	GREY	TACHOMETER SENDER TO DASH BULK CONNECTOR (E)
606	16	GREY	TACHOMETER SENDER TO STATOR
700	16	LT. BLUE	ENGINE CONNECTOR TO SAFETY CIRCUIT RELAY (30)
800	16	PURPLE	ENGINE CONNECTOR TO TWO PRONG DASH CONNECTOR (B)
801	16	PINK	FUEL SENDER (S) TO DASH BULK CONNECTOR (F)
900	16	BROWN	PTO SAFETY SWITCH TO SEAT SWITCH
902	16	BROWN	PTO SAFETY SWITCH TO SAFETY CIRCUIT RELAY (86)

The diagram illustrates the electrical wiring for a vehicle, organized into several functional sections:

- Ignition and Starting System:** Includes the Ignition Switch (10), Neutral Start Switch (8), Starter Circuit Relay, and Safety Circuit Relay. Key components like the Fuel Solenoid Valve and Ignition Coil (510) are also shown.
- Lighting System:** Features Front Lights (13), Rear Lights (1), and a PTO Safety Switch (17). The diagram also shows the connection for the Fuel Sender (15) and the Electric Fuel Pump (503).
- Power and Distribution:** Shows the Starter (400), Solenoid Battery Terminal (5), and the Alternator (701). The diagram includes a Regulator and a Bulk Connectors to Dash Harness (B 800 A PLUG).
- Instrumentation and Safety:** Includes a Tachometer Sender Unit (7), Water Temp Sender (905), and an Oil Pressure Switch (800). The diagram also shows the connection for the Fuel Solenoid Valve and Ignition Coil (510).
- Wiring Details:** The diagram uses numerous wire numbers (e.g., 30, 86, 85, 87, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000) and labels for various components like the Ignition Switch, Fuel Sender, Rear Lights, Starter, Solenoid Battery Terminal, Front Lights, Water Temp Sender, Alternator, and Oil Pressure Switch.

FIGURE 20

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
20-1	33-034	TAILLIGHT, RED	2	20-10	4136497	SWITCH, IGNITION	1
20-2	30-064	BATTERY CABLE, 89"	1	20-11 *	4136502	KEY, IGNITION	1
20-3	* 30-105	COVER-TERMINAL, NEG.	1	20-12	30-291	STRAP, BRAIDED GROUND	1
20-4	33-015	BATTERY, 26/26R 550 CCA	1	20-13	4128713	HEADLIGHT	2
20-5	30-165	BATTERY CABLE, 89"	1	20-14	35-067	RELAY	2
20-6	* 30-098	COVER-TERMINAL, POS.	1	20-15	35-084	SENDER, FUEL LEVEL	1
20-7	35-085	SENDER-MAGNETIC, TACH	1	20-16	30-288	WIRE HARNESS, KUB GAS	1
20-8	31-038	SWITCH-NEUTRAL START	1	20-17	31-043	SWITCH, PTO	1
20-9	30-059	CIRCUIT BREAKER	1	20-18	158135-01	SWITCH-SEAT N.O.	1

* NOT ILLUSTRATED

KUBOTA GAS ENGINE ELECTRICAL CIRCUIT LEGEND			
#	GAUGE	COLOR	DESTINATION
95	4	RED	+ BATTERY TO SOLENOID BATTERY TERMINAL
96	4	BLACK	- BATTERY TO ENGINE MOUNT BOLT
97	BRAIDED	SILVER	ENGINE MOUNT BOLT TO FRAME
100	16	BLACK	HEADLIGHT TO HEADLIGHT
101	16	BLACK	HEADLIGHT TO INTERNAL SPLICE #2
102	16	BLACK	DASH BULK CONNECTOR (C) TO INTERNAL SPLICE #2
103	16	BLACK	STARTER CIRCUIT RELAY (86) TO INTERNAL SPLICE #2
104	16	BLACK	SEAT SWITCH TO FUEL SENDER (-)
105	16	BLACK	PTO SWITCH TO INTERNAL SPLICE #2
106	14	BLACK	GROUND BOLT TO INTERNAL SPLICE #2
107	16	BLACK	TACHOMETER SENDER TO INTERNAL SPLICE #2
108	16	BLACK	REGULATOR TO INTERNAL SPLICE #2
109	16	BLACK	FUEL SENDER (-) TO INTERNAL SPLICE #2
200	14	RED	STARTER CIRCUIT RELAY (30) TO SOLENOID BATTERY TERMINAL
202	10	RED	CIRCUIT BREAKER (BAT) TO SOLENOID BATTERY TERMINAL
204	10	RED	IGNITION SWITCH (30) TO CIRCUIT BREAKER (AUX)
206	16	RED	CIRCUIT BREAKER (BAT) TO REGULATOR
300	16	YELLOW	TAIL LIGHT TO TAIL LIGHT
301	16	YELLOW	TAIL LIGHT TO INTERNAL SPLICE #1
302	16	YELLOW	HEADLIGHT TO INTERNAL SPLICE #1
303	16	YELLOW	HEADLIGHT TO HEADLIGHT
304	16	YELLOW	INTERNAL SPLICE #1 TO DASH BULK CONNECTOR (B)
400	14	LT. GREEN	STARTER SOLENOID TO STARTER CIRCUIT RELAY (87)
402	14	LT. GREEN	PTO SWITCH TO NEUTRAL START SWITCH (1)
404	14	LT. GREEN	NEUTRAL START SWITCH (3) TO IGNITION SWITCH (50)
500	16	WHITE	SAFETY CIRCUIT RELAY (85) TO SAFETY CIRCUIT RELAY (87)
501	16	WHITE	SAFETY CIRCUIT RELAY (85) TO IGNITION SWITCH (AC)
502	16	WHITE	REGULATOR PLUG TO IGNITION SWITCH (AC)
503	16	WHITE	REGULATOR PLUG TO ELECTRIC FUEL PUMP
504	16	WHITE	DASH BULK CONNECTOR (A) TO SAFETY CIRCUIT RELAY (87)
510	16	WHITE/BLACK	SAFETY CIRCUIT RELAY (30) TO FUEL SOLENOID AND IGNITION COIL
601	16	GREY/BLUE	STARTER CIRCUIT RELAY (85) TO PTO SWITCH
602	16	GREY	DASH BULK CONNECTOR (E) TO TACHOMETER SENDER UNIT
700	16	LT. BLUE	ALTERNATOR TO REGULATOR
701	16	LT. BLUE	ALTERNATOR TO REGULATOR
800	16	PURPLE	OIL PRESSURE SWITCH TO TWO PRONG DASH CONNECTOR (B)
801	16	PINK	FUEL SENDER (S) TO DASH BULK CONNECTOR (F)
900	16	BROWN	SEAT SWITCH TO PTO SWITCH
902	16	BROWN	SAFETY CIRCUIT RELAY (86) TO PTO SWITCH
905	16	TAN/BLACK	WATER TEMP SENDER TO DASH BULK CONNECTOR (D)

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This is a comprehensive wiring diagram for a vehicle's electrical system. It illustrates the connections between various components, including:

- Ignition System:** Ignition switch (10), Ignition coil (AC 501, 502, 409, 410), and Ignition distributor (50, 404, 30, 204).
- Starting System:** Starter solenoid (30, 200, 86, 103, 87, 500, 504, 601, 400), Starter circuit relay (85, 601, 87, 400), and Starter (400).
- Charging System:** Alternator (701, 700) and Voltage regulator (206, 503, 502).
- Fuel System:** Fuel pump (503), Fuel shut-off module (19), and Stop solenoid (20).
- Lighting:** Front lights (13), Rear lights (1), and Side lights (97, 12, 97).
- Other Components:** Glow plug timer module (111, 510), Tachometer sender unit (7), PTO safety switch (17), Water temp sender (905), Oil pressure switch (800), and Solenoid battery terminal (5).

The diagram uses a color-coded system for wire identification, with colors like red, black, white, and blue. Wire numbers are provided for each connection point. The diagram is organized into sections, with components labeled and their respective wire numbers listed.

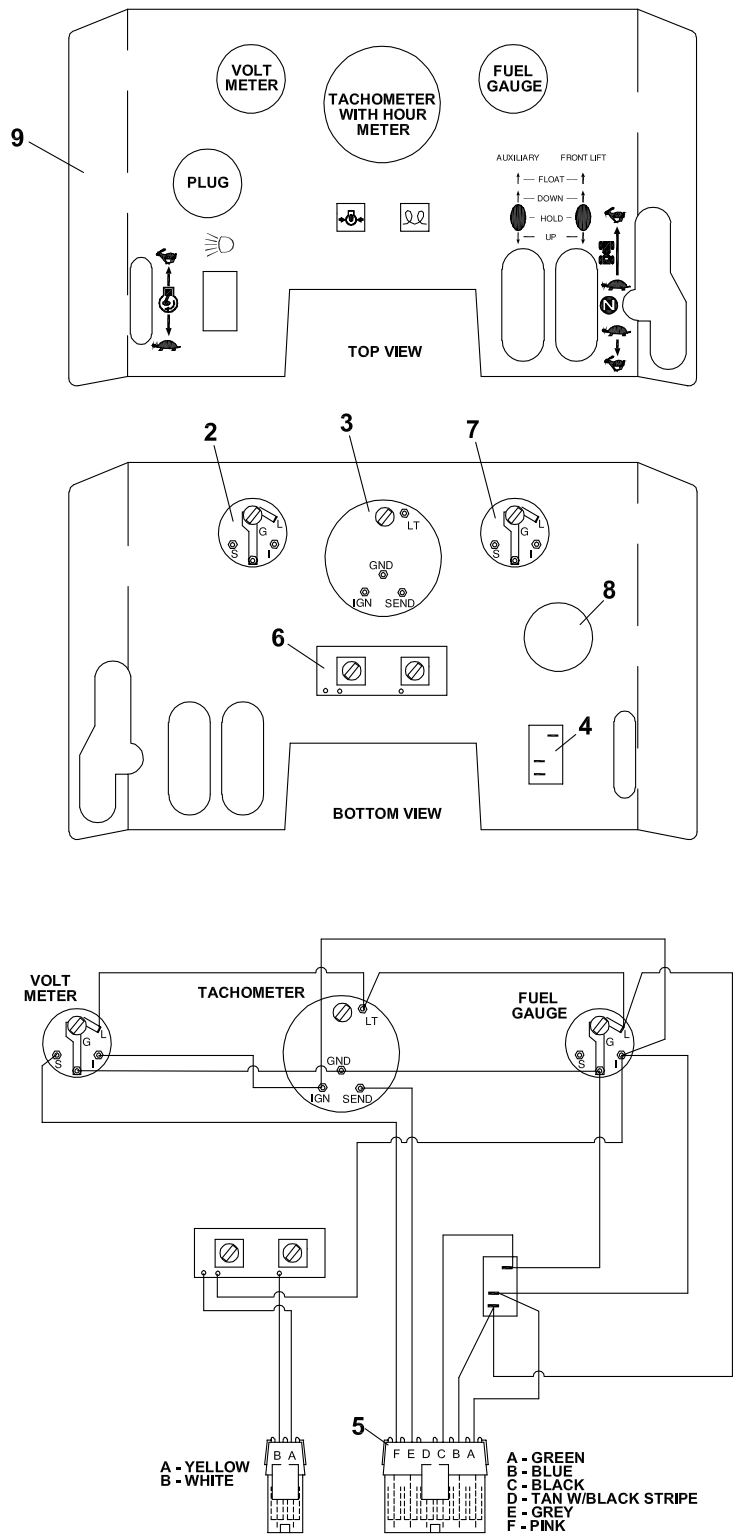
FIGURE 21

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
21-1	33-034	TAILLIGHT, RED	2	21-12	30-291	STRAP, BRAIDED GROUND	2
21-2	30-090	BATTERY CABLE, 89"	1	21-13	4128713	HEADLIGHT	2
21-3	* 30-105	COVER-TERMINAL, NEG.	1	21-14	35-067	RELAY	2
21-4	33-015	BATTERY, 26/26R 550 CCA	1	21-15	35-084	SENDER, FUEL LEVEL	1
21-5	30-149	BATTERY CABLE, 89"	1	21-16	30-287	WIRE HARNESS, KUB DSL	1
21-6	* 30-098	COVER-TERMINAL, POS.	1	21-17	31-043	SWITCH, PTO	1
21-7	35-085	SENDER-MAGNETIC, TACH	1	21-18	158135-01	SWITCH-SEAT N.O.	1
21-8	31-038	SWITCH-NEUTRAL START	1	21-19	35-051	MODULE-FUEL SHUT OFF	1
21-9	30-059	CIRCUIT BREAKER	1	21-20	35-049	SOLENOID-STOP	1
21-10	4136497	SWITCH, IGNITION	1				
21-11	* 4136502	KEY, IGNITION	1				

* NOT ILLUSTRATED

KUBOTA GAS ENGINE ELECTRICAL CIRCUIT LEGEND			
#	GAUGE	COLOR	DESTINATION
95	4	RED	+ BATTERY TO SOLENOID BATTERY TERMINAL
96	4	BLACK	- BATTERY TO ENGINE MOUNT BOLT
97	BRAIDED	SILVER	ENGINE MOUNT BOLT TO FRAME
100	16	BLACK	HEADLIGHT TO HEADLIGHT
101	16	BLACK	HEADLIGHT TO INTERNAL SPLICE #2
102	16	BLACK	DASH BULK CONNECTOR (C) TO INTERNAL SPLICE #2
103	16	BLACK	STARTER CIRCUIT RELAY (86) TO INTERNAL SPLICE #2
104	16	BLACK	SEAT SWITCH TO FUEL SENDER (-)
105	16	BLACK	PTO SWITCH TO INTERNAL SPLICE #2
106	14	BLACK	GROUND BOLT TO INTERNAL SPLICE #2
107	16	BLACK	TACHOMETER SENDER TO INTERNAL SPLICE #2
108	16	BLACK	REGULATOR TO INTERNAL SPLICE #2
109	16	BLACK	FUEL SHUT OFF MODULE TO INTERNAL SPLICE #2
110	16	BLACK	FUEL SENDER (-) TO INTERNAL SPLICE #2
111	16	BLACK	GLOW PLUG TIMER MODULE TO INTERNAL SPLICE #2
200	14	RED	STARTER CIRCUIT RELAY (30) TO SOLENOID BATTERY TERMINAL
202	10	RED	CIRCUIT BREAKER (BAT) TO SOLENOID BATTERY TERMINAL
204	10	RED	IGNITION SWITCH (30) TO CIRCUIT BREAKER (AUX)
206	16	RED	CIRCUIT BREAKER (BAT) TO REGULATOR
300	16	YELLOW	TAIL LIGHT TO TAIL LIGHT
301	16	YELLOW	TAIL LIGHT TO INTERNAL SPLICE #1
302	16	YELLOW	HEADLIGHT TO INTERNAL SPLICE #1
303	16	YELLOW	HEADLIGHT TO HEADLIGHT
304	16	YELLOW	INTERNAL SPLICE #1 TO DASH BULK CONNECTOR (B)
400	14	LT. GREEN	STARTER TO STARTER CIRCUIT RELAY (87)
402	14	LT. GREEN	PTO SWITCH TO NEUTRAL START SWITCH (1)
404	14	LT. GREEN	NEUTRAL START SWITCH (3) TO IGNITION SWITCH (50)
409	10	LT. GREEN	IGNITION SWITCH (19) TO GLOW PLUG
410	16	DR. GREEN/WHITE	IGNITION SWITCH (19) TO GLOW PLUG TIMER MODULE
500	16	WHITE	SAFETY CIRCUIT RELAY (85) TO SAFETY CIRCUIT RELAY (87)
501	16	WHITE	SAFETY CIRCUIT RELAY (85) TO IGNITION SWITCH (AC)
502	16	WHITE	REGULATOR PLUG TO IGNITION SWITCH (AC)
503	16	WHITE	REGULATOR PLUG TO ELECTRIC FUEL PUMP
504	16	WHITE	DASH BULK CONNECTOR (A) TO SAFETY CIRCUIT RELAY (87)
510	16	WHITE/BLACK	GLOW PLUG TIMER MODULE TO TWO PRONG DASH CONNECTOR (A)
600	16	GREY/BLUE	FUEL SHUT OFF MODULE TO SAFETY CIRCUIT RELAY (30)
601	16	GREY/BLUE	STARTER CIRCUIT RELAY (85) TO PTO SWITCH
602	16	GREY	DASH BULK CONNECTOR (E) TO TACHOMETER SENDER UNIT
700	16	LT. BLUE	ALTERNATOR TO REGULATOR
701	16	LT. BLUE	ALTERNATOR TO REGULATOR
800	16	PURPLE	OIL PRESSURE SWITCH TO TWO PRONG DASH CONNECTOR (B)
801	16	PINK	FUEL SENDER (S) TO DASH BULK CONNECTOR (F)
900	16	BROWN	SEAT SWITCH TO PTO SWITCH
902	16	BROWN	SAFETY CIRCUIT RELAY (86) TO PTO SWITCH
905	16	TAN/BLACK	WATER TEMP SENDER TO DASH BULK CONNECTOR (D)

FIGURE 22



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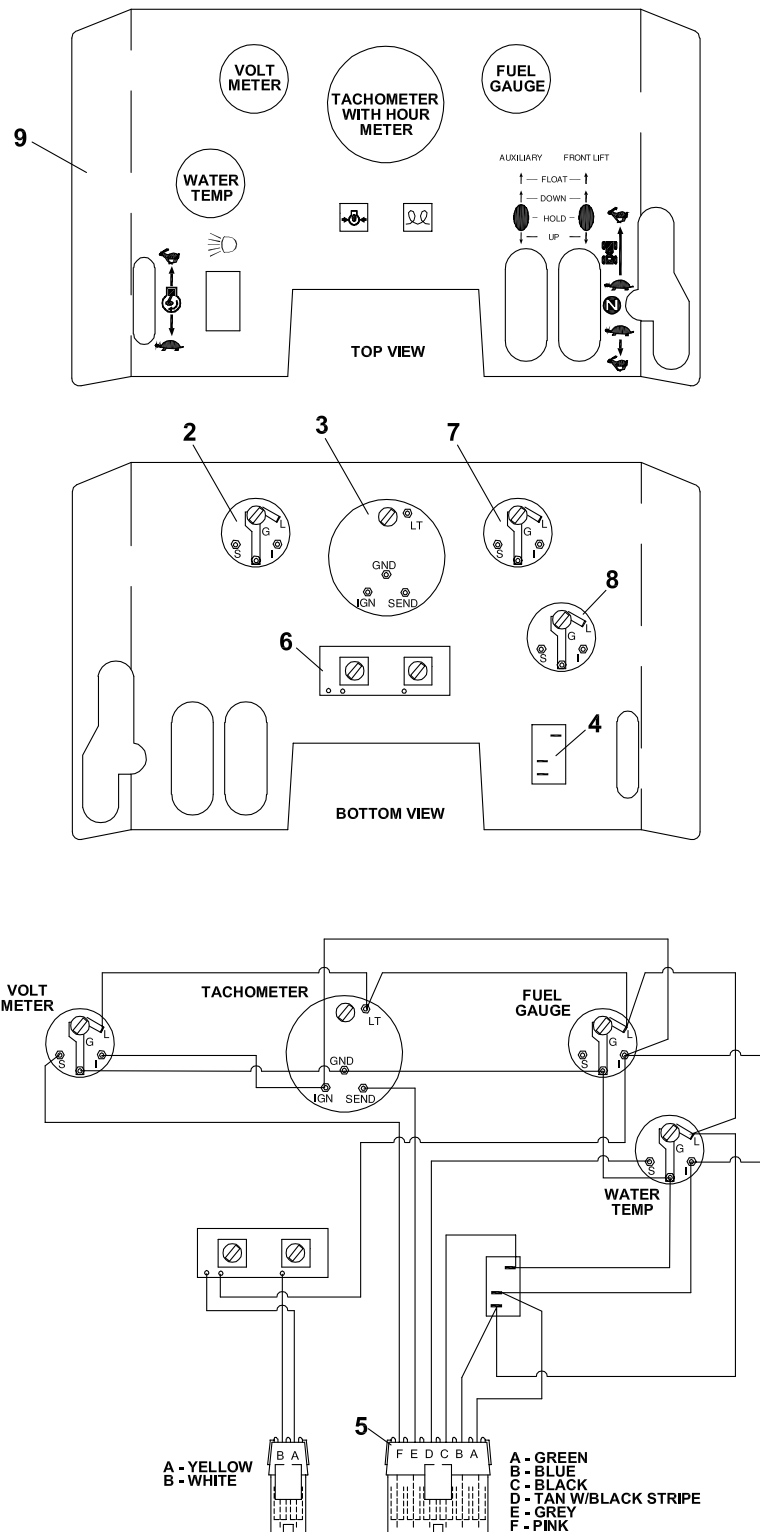
ELECTRICAL-DASH PANEL-AIR COOLED

FIGURE 22

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
22-1 *	35-120	INSTRMNT PNL, AIR COOL (ITEM 1 INCLUDES ITEMS 2-9)	1				
22-2	35-122	GAUGE-FUEL, 430	1				
22-3	35-127	GAUGE-TACHOMETER, 430	1				
22-4	31-051	SWITCH, ROCKER ON/OFF	1				
22-5	30-297	WIRE HARNESS-PNL 430	1				
22-6	33-037	LIGHT-ASSY MODULE	5				
22-7	35-124	GAUGE-VOLT METER, 430	1				
22-8	35-128	HOLE PLUG-GAUGE 430	1				
22-9	35-129	COVER-INSTRMNT PNL 430	1				

*** NOT ILLUSTRATED**

FIGURE 23



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ELECTRICAL-DASH PANEL-WATER COOLED

FIGURE 23

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
23-1 *	35-121	INSTRMNT PNL, WTR COOL1 (ITEM 1 INCLUDES ITEMS 2-9)	1				
23-02	35-122	GAUGE-FUEL, 430	1				
23-03	35-123	GAUGE-TACHOMETER, 430	1				
23-04	31-051	SWITCH, ROCKER ON/OFF	1				
23-05	30-297	WIRE HARNESS-PNL 430	1				
23-06	33-037	LIGHT-ASSY MODULE	6				
23-07	35-124	GAUGE-VOLT METER, 430	1				
23-08	35-125	GAUGE-WATER TEMP 430	1				
23-09	06-056	COVER-INSTRMNT PNL 430	1				

*** NOT ILLUSTRATED**

FIGURE 24



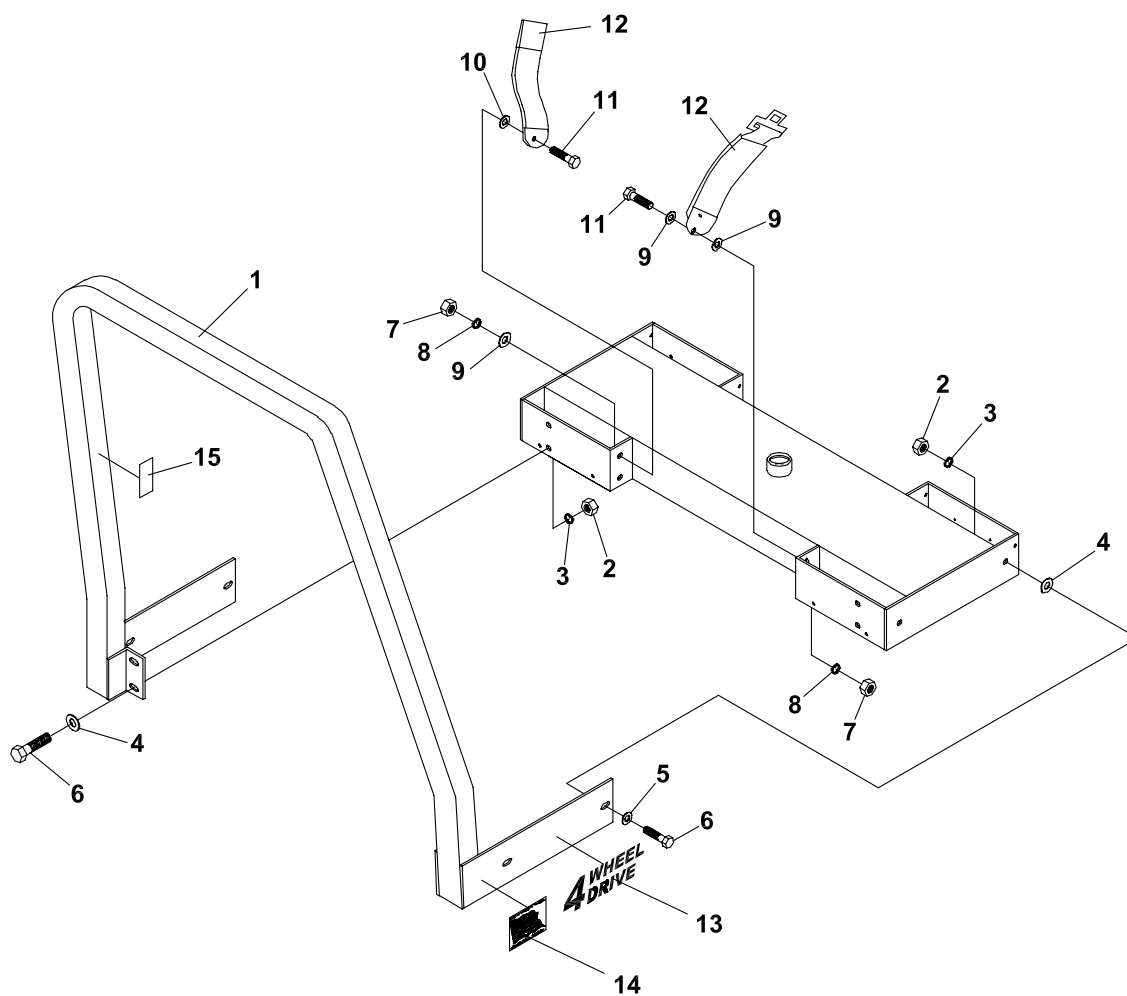
FIGURE 24

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
24-1	4128265	LABEL-4 WHEEL DRIVE (LOCATION: REAR FENDER)	2	24-14	00-072	DECAL, PARKING BRAKE (LOCATION: PARKING BRAKE LEVER)	1
24-2	4128660	LABEL-430 MAX (LOCATION: GRILLE SIDE PANEL)	2	24-15	00-089	DECAL, IGNITION (LOCATION: KEY SWITCH)	1
24-3	00-062	DECAL, TIRE SPECS (LOCATION: REAR MOTOR SHIELD)	1	24-16	00-071	DECAL, PTO CLUTCH (LOCATION: PTO LEVER)	1
24-4	00-220	DECAL, CAUTION SHIFT (LOCATION: TRANSAXLE SHIFT LEVER)	2	24-17	00-103	DECAL, TRANSAXLE 2-N-1 (LOCATION: FRONT TRANSAXLE SHIFT LEVER)	1
24-5	00-200	DECAL, CAUTION TOW (LOCATION: STEERING COLUMN)	1	24-18	00-060	DECAL, FLUID FILL (LOCATION: REAR OF FUEL TANK)	1
24-6	00-025	DECAL, HANDS/BELT (LOCATION: FRONT GRILLE)	1	24-19	00-250	DECAL, TRANSAXLE VENT (LOCATION: TRANSAXLE VENT VALVE)	1
24-7	00-093	DECAL, READ MANUAL (LOCATION: REAR MOTOR SHIELD)	1	24-20	4128434	LABEL-EMBLEM, STEERING (LOCATION: CENTER OF STEERING WHEEL)	1
24-8	4128431	LABEL-430 HOOD, LH (LOCATION: LEFT SIDE OF HOOD)	1	24-21	00-219	DECAL, 2-N-1 VERTICAL (LOCATION: REAR TRANSAXLE SHIFT LEVER)	1
24-9	4128430	LABEL-430 HOOD, RH (LOCATION: RIGHT SIDE OF HOOD)	1				
24-10	4116761	LABEL-MADE IN USA (LOCATION: PTO CLUTCH LEVER)	1				
24-11	00-211	DECAL, CHOKE SYMBOL (LOCATION: CHOKE)	1				
24-12	00-076	DECAL, DIESEL FUEL (LOCATION: FUEL TANK FILLER DIESEL UNITS ONLY)	1				
24-13	00-106	DECAL, GASOLINE (LOCATION: FUEL TANK FILLER GASOLINE UNITS ONLY)	1				

FIGURE 25

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
25-1	62-664	ROLL BAR (NOT AVAILABLE AS A SERVICE PART)	1	25-8	64006-06	LOCKWSHR-HELICAL 7/16	2
25-2	64025-09	HEX, NUT 1/2-13	8	25-9	64163-43	WSHR.443/.454X1X11GA	3
25-3	64006-05	LOCKWASHR-HELICAL 1/2	8	25-10	99-B12	SPACER	1
25-4	64163-19	WASHER-33/64x1-1/4x12GA	8	25-11	90-0710	BOLT,7/16-14 X 1-1/4 NC	2
25-5	64163-67	WASHER-.516X1X12GA	4	25-12	47-059	SEATBELT, 50"LONG	1
25-6	64123-117	BOLT-HEX 1/2-13X1-1/2	8	25-13	*4128265	LABEL-4 WHEEL DRIVE	2
25-7	92-07	NUT-HEX 7/16-14	2	25-14	*4116761	LABEL-MADE IN USA	1
				25-15	*4133548	LABEL-ROLLBAR SPECS.	1

*NOT ILLUSTRATED

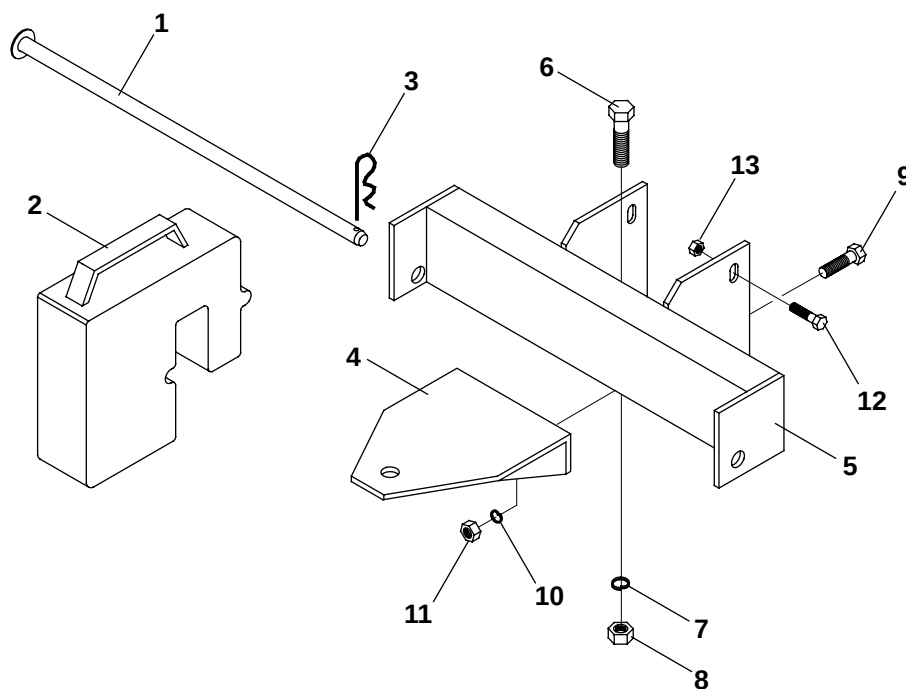


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73-70470 REAR WEIGHT BAR (WB150)

FIGURE 26

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
26-1	42-467	ROD-WEIGHT SECURITY	1	26-8	64025-21	NUT-HEX 5/8-11	1
26-2	62-540	WEIGHT, 50#	4	26-9	64123-39	BOLT-HEX 1/2-13X1-1/4	2
26-3	02-PP0420	PRESTO PIN, 1/8 X 2-9/16	1	26-10	64006-05	LOCKWSHR-HELICAL 1/2	2
26-4	62-542.7	DRAWBAR EXTENSION	1	26-11	64025-09	HEX, NUT 1/2-13	2
26-5	62-541.7	WEIGHT BAR	1	26-12	64123-50	BOLT-HEX 3/8-16X1	2
26-6	64123-109	BLT-HEX 5/8-11X1-1/2	1	26-13	64141-4	NUT-WLF 3/8-16	2
26-7	64006-04	LOCKWSHR-HELICAL 5/8	1				

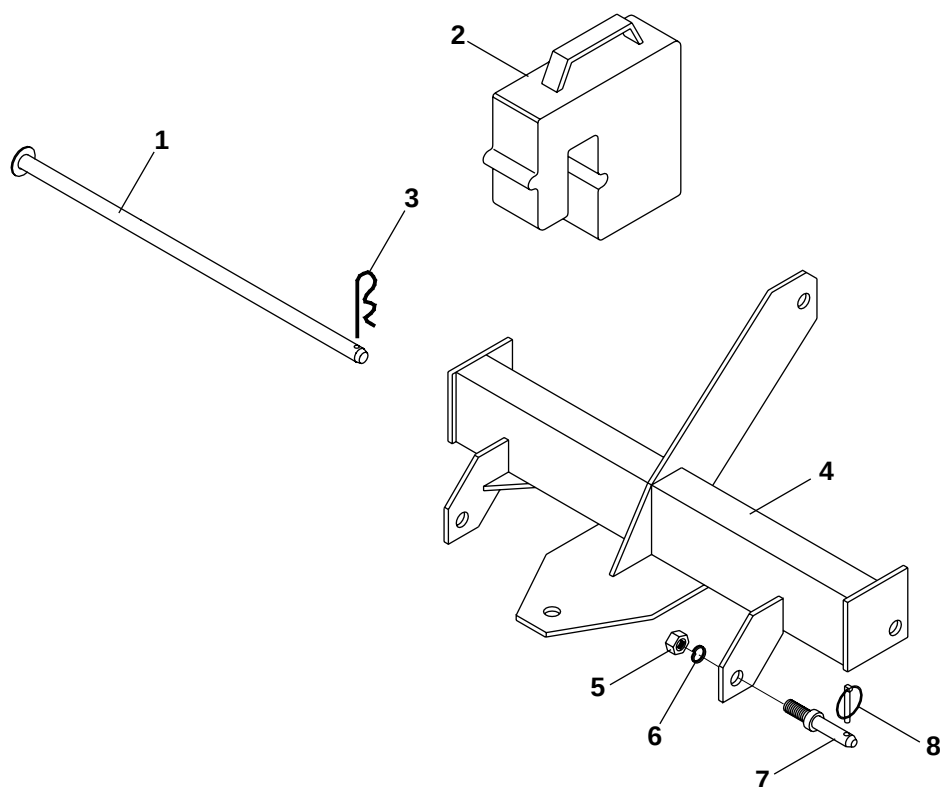


73-70474 3-PT HITCH REAR WEIGHT BAR (WB153)

430
MAX

FIGURE 27

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
27-1	42-432	ROD, WEIGHT SECURITY	1				
27-2	62-540	WEIGHT, 50#	4				
27-3	02-PP0524	PRESTO PIN, 5/32x2-15/16	1				
27-4	62-707	FRAME, 3-PT WEIGHT BAR	1				
27-5	64025-21	NUT-HEX 5/8-11	2				
27-6	64006-04	LOCKWSHR-HELICAL 5/8	2				
27-7	03-010	LIFT PIN, CAT. O	2				
27-8	03-015	CLIP, CAT. 0	2				



**430
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73-70472 FRONT WEIGHT BAR (WB140)

FIGURE 28

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
28-1	42-467	ROD-WEIGHT SECURITY	1				
28-2	62-540	WEIGHT, 50#	4				
28-3	02-PP0524	PRESTO PIN, 5/32x2-15/16	1				
28-4	62-665	FRAME, FRONT WGHT BAR	1				

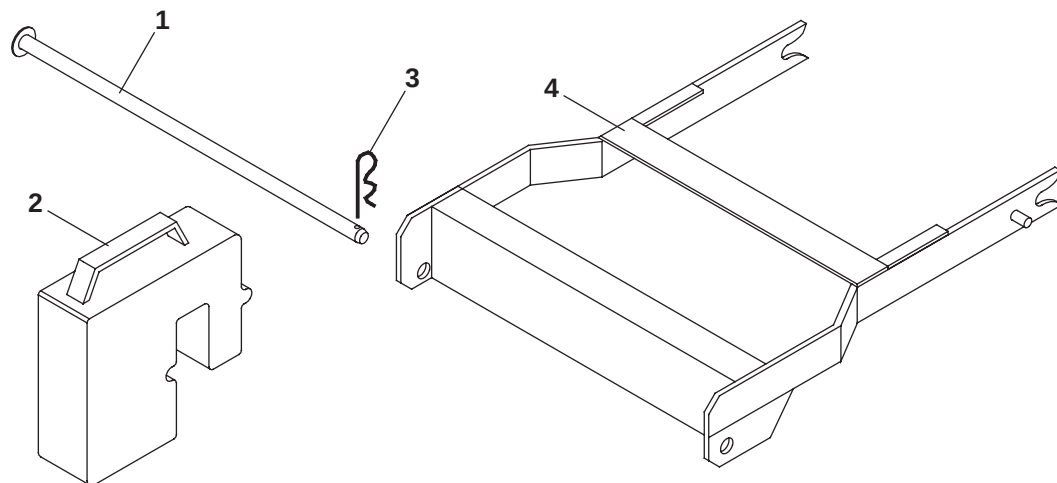
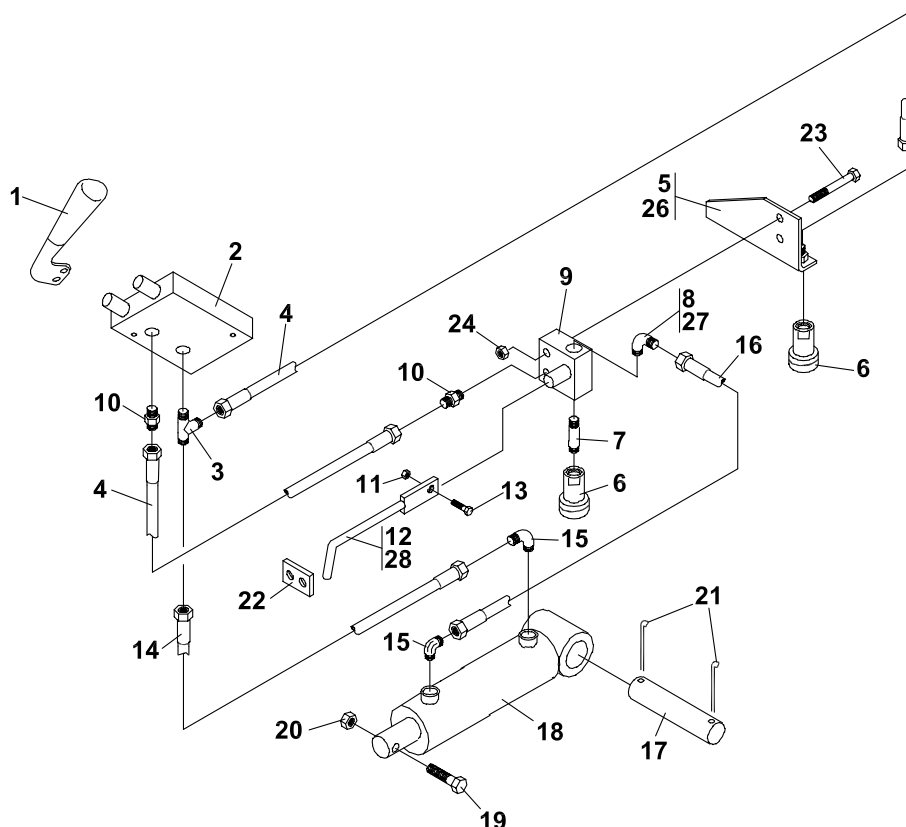


FIGURE 29

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
29-1	64-890	HANDLE-BENT VALVEBODY	2	29-13	64123-114	BOLT-HEX 1/4-20X1	1
29-2	23-035	VALVE W/FLOAT & HNDLS	1	29-14	20-010	HOSE, 1/4 X 65 100R1 #6	1
29-3	25-053T-6-6	FITTING, RUN TEE	1	29-15	25-2103-6-6	FITTING 90	2
29-4	20-026	HOSE (1/4 X 17)	2	29-16	20-047	HOSE, 1/4 X 58 100R1 #	1
29-5	64-175	BRKT, COUPLER (ITEM 5 USED ON UNITS WITH KOHLER ENGINES ONLY)	1	29-17	64-007.7	CYLINDER PIN	1
				29-18	23-005	CYLINDER-LIFT	1
29-6	23-003	COUPLER, FEMALE	2	29-19	64123-100	BOLT-3/8-16X2-1/4 HEX	1
29-7	29-046	NIPPLE	1	29-20	64229-03	LOCKNUT-NYLON 3/8-16	1
29-8	25-2503-6-6	FITTING 90 (ITEM 8 USED ON UNITS WITH KOHLER ENGINES ONLY)	1	29-21	02-CP0612	COTTER PIN, 3/16 X 1-1/2	2
				29-22	64-899.7	MOUNT, 3-PT HITCH LEVER	1
29-9	23-036	VALVE, SELECTOR 3 WAY	1	29-23	90-0414	BOLT, 1/4-20 X 1-3/4 NC	2
29-10	25-0503-6-6	FITTING STRAIGHT	2	29-24	64141-2	NUT-WLF 1/4-20	2
29-11	64229-01	LOCKNUT-NYLON 1/4-20	1	29-25	*23-033	DUST PLUG	2
29-12	40-143.7	LEVER, SELECTOR VALVE (ITEM 12 USED ON UNITS WITH KOHLER ENGINES ONLY)	1	29-26	64-219	BRKT, COUPLER	1
				29-27	25-3503-6-6	FITTING 45	1
				29-28	40-151	LEVER, SELECTOR VALVE (ITEMS 26-28 USED ON UNITS WITH KUBOTA ENGINES ONLY)	1

*** NOT ILLUSTRATED**



**430
MAX**

73-70412 3-PT HITCH ATTACHMENT PARTS (PT420)

FIGURE 30

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
30-1	47-009	LINK, TOP CAT.0	1	30-10	62-121.7	DRAFT LINK	2
30-2	42-052.7	ADJUSTER, LIFT (3-POINT)	2	30-11	56-018-12	CHAIN, 3/16" 12 LINKS	2
30-3	42-053.7	LINK, LIFT	2	30-12	64229-03	LOCKNUT-NYLON 3/8-16	4
30-4	64123-100	BOLT-3/8-16X2-1/4 HEX	2	30-13	03-1020	CLEVIS PIN, 5/8 X 2-1/2	2
30-5	62-120.7	ROCKSHAFT ASSEMBLY	1	30-14	02-PP0318	PIN, 3/32 x 2-5/16	2
30-6	64123-16	BLT-HEX 3/8-16X1-1/4	6	30-15	99-E30	JAM NUT, 3/4-10 NC	2
30-7	64025-05	NUT-3/8-16 HEX	4	30-16	64188-18	PIN, CLEVIS	2
30-8	03-0610	CLEVIS PIN, 3/8 X 1-1/4	1	30-17	64006-03	LOCKWASHER, 3/8	4
30-9	02-CP0508	COTTER PIN, 5/32 X 1	2	30-18	64163-61	WASHER .81X.406X16GA	4

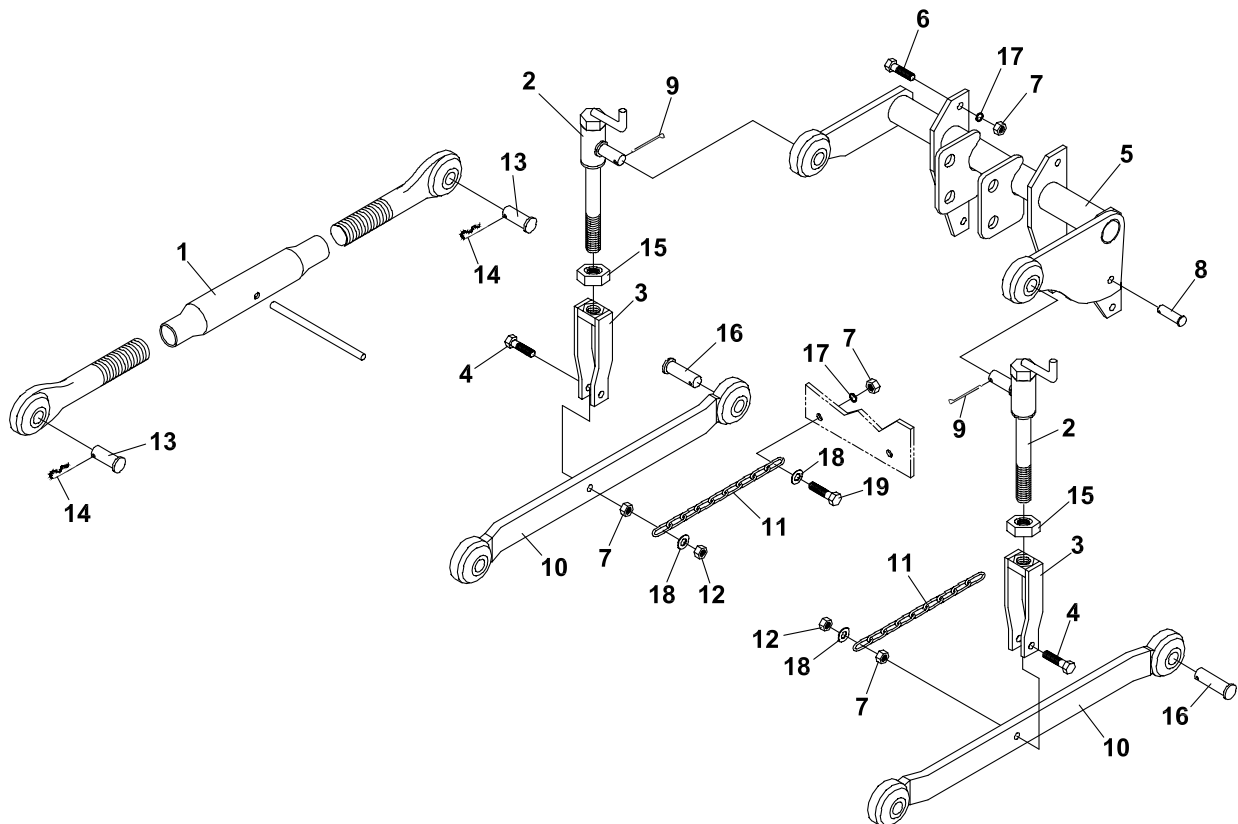


FIGURE 31

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
31-1	99-F37	BOLT, 1/2-20x3 W/2-1/4" TD	16	31-7	4133593.7	DUAL, INNER SQ. DRIVE	4
31-2	53-058	HUB	4	31-8	93-08	NUT, 1/2-20 NF	16
31-3	4139002	WHEEL ASSY W/21x11x8 RAWHIDE TIRE, LEFT	2	31-9	50-041.7	DUAL, OUTER SQ. DRIVEN	4
31-4	4139001	WHEEL ASSY W/21x11x8 RAWHIDE TIRE, RIGHT	2	31-10	64187-03	WHEEL NUT 1/2-20	16
31-5	* 53-081	WHEEL ASSY W/20x10x8 TURFMATE TIRE	4	31-11	50-092	DRAW NUT, HEX	4
31-6	* 53-201	WHEEL ASSY W/22x12x8 FIELD TRAX TIRE	4	31-12	50-042.7	DUAL, HOOK BOLT	4
				31-13	* 00-056	DECAL, DUAL TIRE INSTR	1

* NOT ILLUSTRATED

(ITEMS 5 & 6 ARE THE OPTIONAL TIRE STYLES)

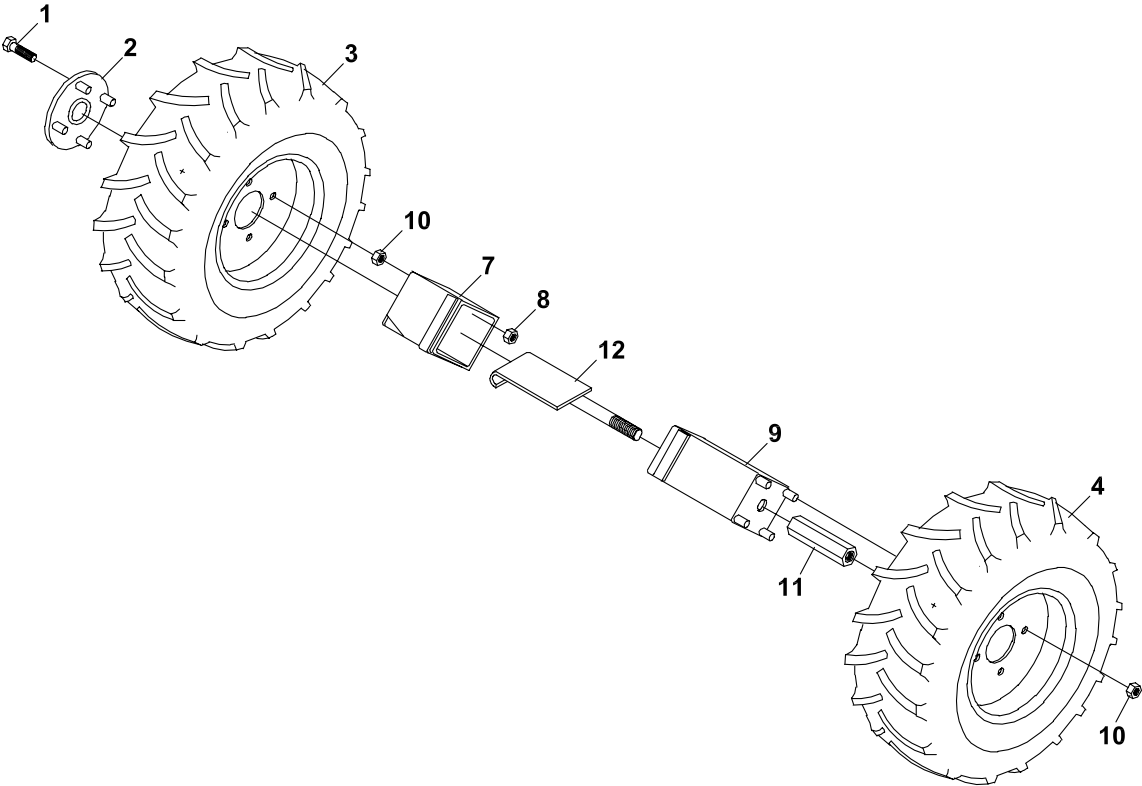
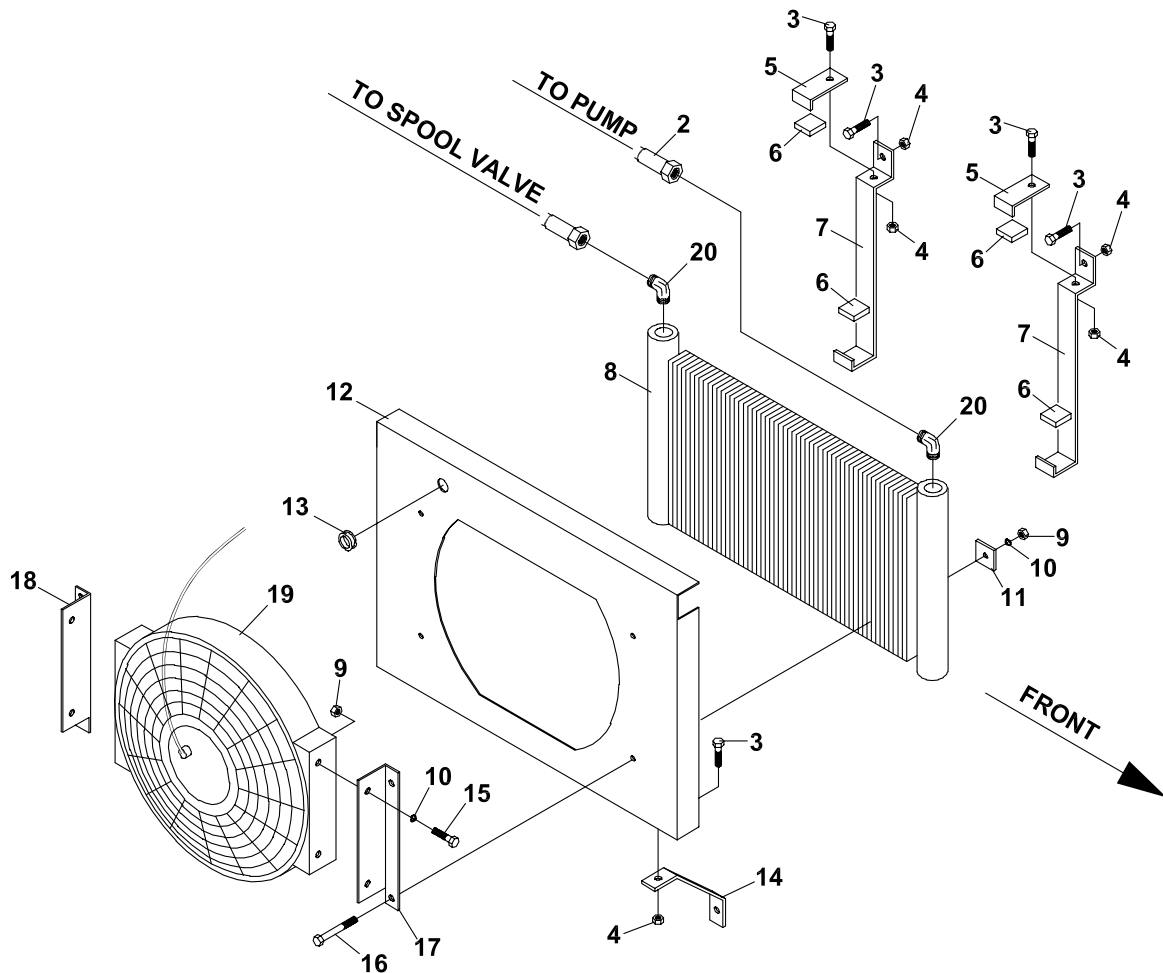


FIGURE 32

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
32-1	70-073	KIT-HYD OIL COOLER (INCLUDES ITEMS 2-21)	1	32-11	64-791	WASHER-SQUARE SPEC	4
32-2	20-089	HOSE, 3/8 X 56 100R1 #6	1	32-12	60-605	SHROUD-OIL COOLER	1
32-3	64139-02	BLT-WLF 1/4-20X1/2	5	32-13	05-040	GROMMET, 3/8 ID X 7/8 OD	1
32-4	64141-2	NUT-WLF 1/4-20	5	32-14	64-794	STRAP-OIL COOLER MNT	1
32-5	64-792	BRKT- L TYPE	2	32-15	64152-05	10-32X1/2 R MACH SCREW	4
32-6	56-003	WEATHERSTRIP, 3/16X3/4	4	32-16	01-031	10-32X2 R MACH SCREW	4
32-7	64-793	BRKT- J TYPE	2	32-17	64-790	BRKT-OIL COOLER, RIGHT	1
32-8	21-075	COOLER-HYDRAULIC OIL	1	32-18	64-789	BRKT-OIL COOLER, LEFT	1
32-9	64025-14	NUT-HEX #10-32	8	32-19	35-074	FAN-COOLING, 12V	1
32-10	120052	LOCKWASHER	8	32-20	25-2103-8-6	FITTING, 90	2
				32-21	31-003	SWITCH, PUSH-PULL	1

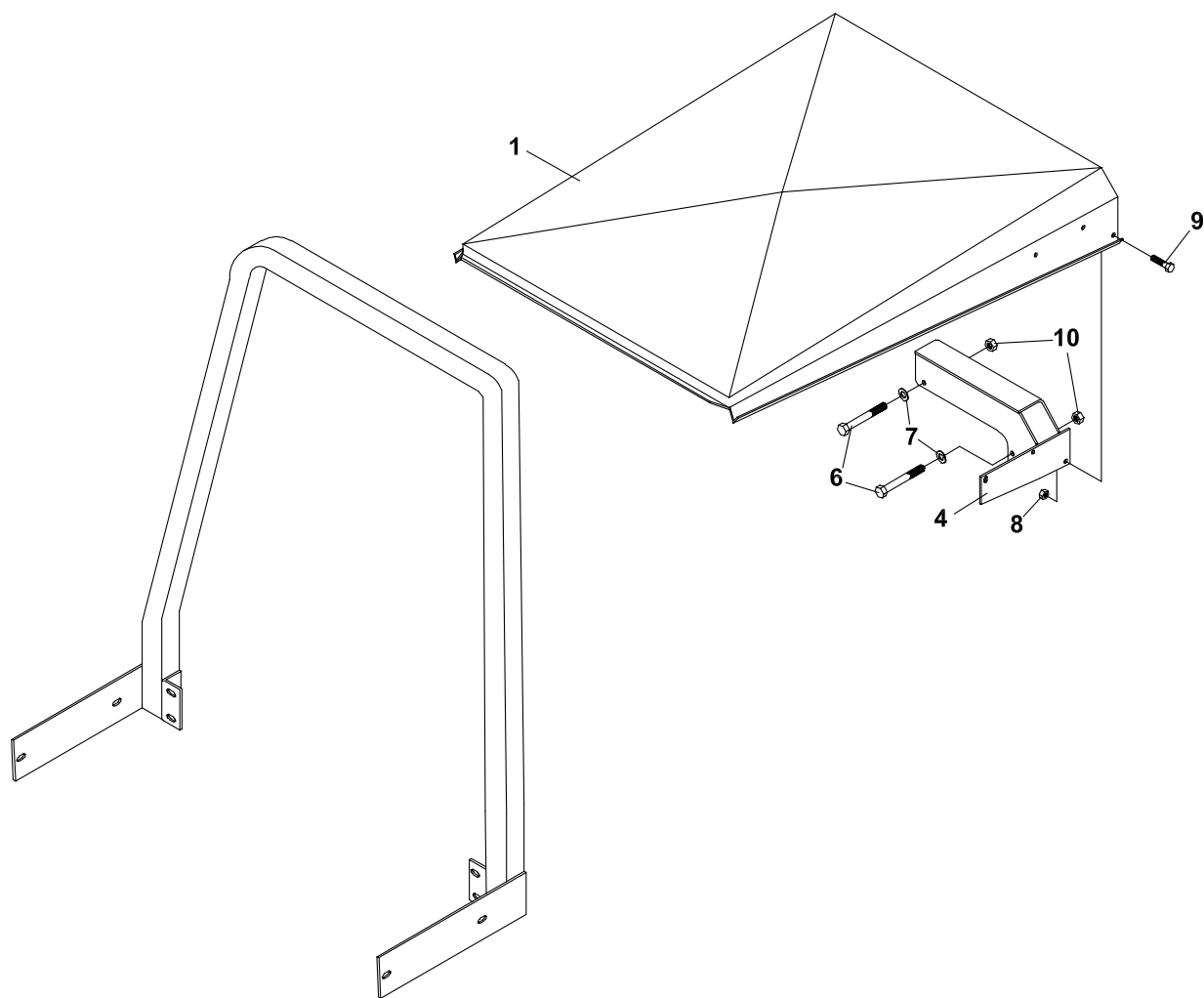


75-70742 SUN SHADE CANOPY (SH430)

430
MAX

FIGURE 33

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
33-1	6106014.17	CANOPY, 430	1	33-7	64163-61	WSHR .81X.406X16GA	4
33-2	* 6106022	CANOPY HEADLINER	1	33-8	64141-6	NUT, 5/16-18	6
33-3	* 4128372	LABEL-STEINER DIECUT	1	33-9	64139-08	BOLT-5/16-18X3/4 WLF	6
33-4	6106020.7	MOUNT, CANOPY RH	1	33-10	F3013	NUT, FLANGED LOCK	4
33-5	* 6106021.7	MOUNT, CANOPY LH	1	* NOT ILLUSTRATED			
33-6	64123-75	BOLT, 3/8-16X3 HEX	4				



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A worldwide dealer network and factory-trained technicians backed by Textron Parts Xpress provide reliable, high-quality product support.



BOB-CAT BROUWER BUNTON CUSHMAN RYAN STEINER