



# ILLUSTRATED PARTS MANUAL

## 230 2-WHEEL DRIVE TURF UNIT

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### Models:

75-70256 STEINER 230 27HP KOHLER GAS

75-70258 STEINER 230 25HP KUBOTA GAS

75-70265 STEINER 230 28HP 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 cancérigènes, 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 cancérigènes, 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.

## 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.

# PARTS SECTION

FIGURE 1

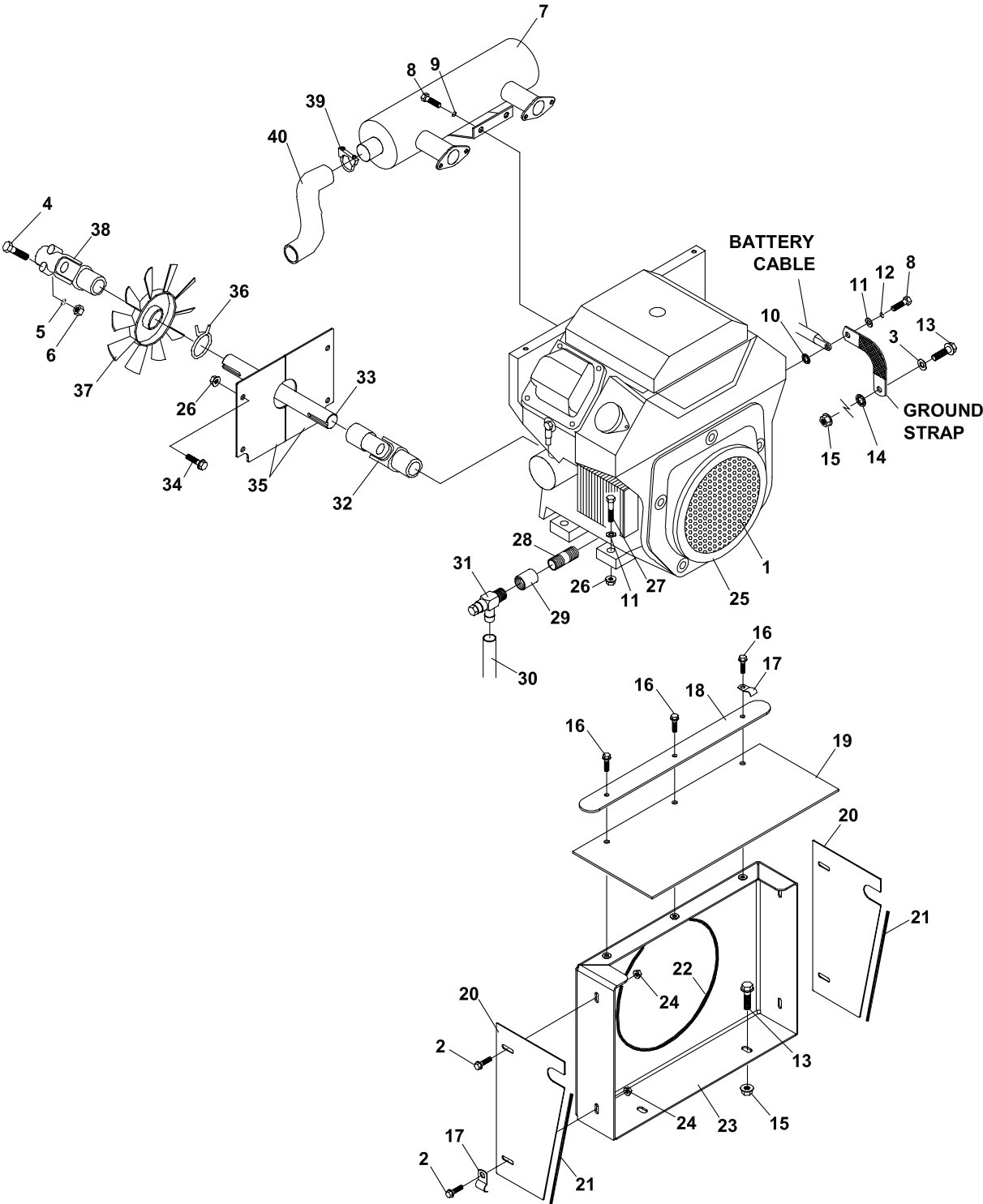


FIGURE 1

| ITEM | PART NO.       | DESCRIPTION              | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------------|--------------------------|-----|------|----------|-------------|-----|
| 1-1  | 13-24-162-13   | SCREEN, KOHLER ENG       | 1   |      |          |             |     |
| 1-2  | 64139-02       | BLT-WLF 1/4-20X1/2       | 4   |      |          |             |     |
| 1-3  | 64163-61       | WSHR .81X.406X16GA       | 1   |      |          |             |     |
| 1-4  | 64123-87       | BOLT-HEX 3/8-16X1-3/4    | 2   |      |          |             |     |
| 1-5  | 64006-03       | WASHER, 3/8 HELICAL LCK  | 2   |      |          |             |     |
| 1-6  | 64025-05       | NUT-3/8-16 HEX           | 2   |      |          |             |     |
| 1-7  | 4132729        | MUFFLER, KOHLER ENG      | 1   |      |          |             |     |
| 1-8  | 64205-001      | BLT-MET M8-1.25X20       | 3   |      |          |             |     |
| 1-9  | 64006-2        | LOCKWASHER, 8MM          | 2   |      |          |             |     |
| 1-10 | 64002-04       | LOCKWASHER, EXT. 5/16    | 1   |      |          |             |     |
| 1-11 | 64163-04       | WASHER, 25/64X5/8X16GA   | 5   |      |          |             |     |
| 1-12 | 64006-02       | LCKWSHR-HELICAL 5/16     | 1   |      |          |             |     |
| 1-13 | 64139-21       | BLT-WLF 3/8-16X3/4       | 3   |      |          |             |     |
| 1-14 | 99-G04         | SHAKEPROOF WSHR, 3/8"    | 1   |      |          |             |     |
| 1-15 | 64141-4        | NUT-WLF 3/8-16           | 3   |      |          |             |     |
| 1-16 | 64139-04       | BOLT-WLF 1/4-20X3/4      | 3   |      |          |             |     |
| 1-17 | 30-082         | CLAMP, INSULATED HALF    | 2   |      |          |             |     |
| 1-18 | 6126007        | BACKING STRIP, BELTING   | 1   |      |          |             |     |
| 1-19 | 6126010        | FLAP, FAN SHRD ACCESS    | 1   |      |          |             |     |
| 1-20 | 6126012        | SIDEPIECE, SHROUD        | 2   |      |          |             |     |
| 1-21 | 56-027         | TRIM, TRIM-LOC, 9-1/2"   | 2   |      |          |             |     |
| 1-22 | 56-027         | TRIM, TRIM-LOC 28"       | 1   |      |          |             |     |
| 1-23 | 6126003        | SHROUD, KOHLER           | 1   |      |          |             |     |
| 1-24 | 64141-2        | NUT-WLF 1/4-20           | 4   |      |          |             |     |
| 1-25 | 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   |      |          |             |     |
|      | * 13-24-041-02 | GASKET-EXHAUST           | 2   |      |          |             |     |
| 1-26 | 64141-6        | NUT, 5/16-18             | 8   |      |          |             |     |
| 1-27 | 64123-69       | BLT-HEX, 5/16-18X1-1/2   | 4   |      |          |             |     |
| 1-28 | 29-062         | PIPE NIPPLE, 3/8 NPT X 2 | 1   |      |          |             |     |
| 1-29 | 29-044         | PIPE COUPLING, 3/8 NPT   | 1   |      |          |             |     |
| 1-30 | 27-018         | HOSE, 1/2" PUSH LOCK, 7" | 1   |      |          |             |     |
| 1-31 | 13-075         | VALVE, OIL DRAIN 3/8 NPT | 1   |      |          |             |     |
| 1-32 | 87-151         | U-JOINT, 1" X 1-1/8"     | 1   |      |          |             |     |
| 1-33 | 6126009        | DRIVESHAFT, 230 KOHLER   | 1   |      |          |             |     |
| 1-34 | 64139-08       | BOLT-5/16-18X3/4 WLF     | 4   |      |          |             |     |
| 1-35 | 6126001        | PLATE, AIR RESTRICTOR    | 2   |      |          |             |     |
| 1-36 | 11-026         | CLAMP, HOSE 1-1/16"      | 1   |      |          |             |     |
| 1-37 | 87-114         | FAN, PUMP COOLING 1"ID   | 1   |      |          |             |     |
| 1-38 | 87-194         | U-JOINT                  | 1   |      |          |             |     |
| 1-39 | 4135782        | CLAMP-MUFFLER, 1-3/8"    | 1   |      |          |             |     |
| 1-40 | 4135677        | PIPE, EXHAUST 230        | 1   |      |          |             |     |

\* NOT ILLUSTRATED

FIGURE 2

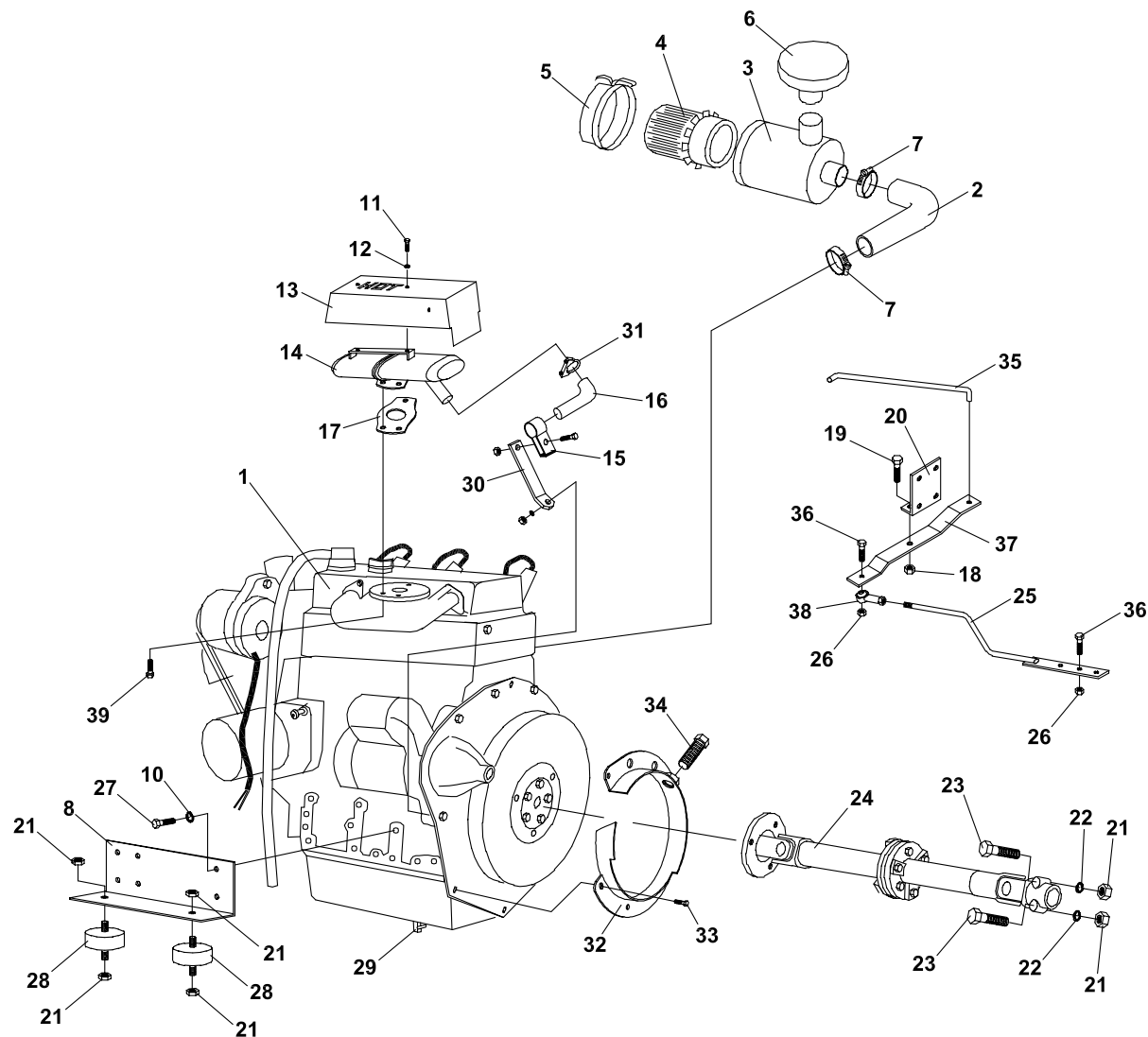


FIGURE 2

| ITEM | PART NO.       | DESCRIPTION                      | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------------|----------------------------------|-----|------|----------|-------------|-----|
| 2-1  | 13-121         | ENGINE, KUBOTA WG752             | 1   |      |          |             |     |
|      | *              | 13-15881-97010 FAN BELT          | 1   |      |          |             |     |
|      | *              | 13-15853-99179 OIL FILTER        | 1   |      |          |             |     |
|      | *              | 13-12599-67710 SPARK PLUG, WG750 | 3   |      |          |             |     |
|      | *              | 13-12691-67520 SPARK PLUG WIRE   | 1   |      |          |             |     |
|      | *              | 13-12691-67530 SPARK PLUG WIRE   | 1   |      |          |             |     |
|      | *              | 13-12691-67540 SPARK PLUG WIRE   | 1   |      |          |             |     |
|      | *              | 13-700000-73595 BLOCK HEATER KIT | 1   |      |          |             |     |
|      | *              | 13-700000-93595 CORD-BLOCK HTR   | 1   |      |          |             |     |
| 2-2  | 13-103         | HOSE-AIR CLEANER                 | 1   |      |          |             |     |
| 2-3  | 13-15372-11014 | ASSY-AIR CLEANER                 | 1   |      |          |             |     |
| 2-4  | 13-70000-11221 | ELEMENT-AIR CLNR                 | 1   |      |          |             |     |
| 2-5  | 13-15241-11160 | COVER-AIR CLEANER                | 1   |      |          |             |     |
| 2-6  | 13-15241-11350 | CAP-AIR CLEANER                  | 1   |      |          |             |     |
| 2-7  | 11-022         | CLAMP, SHIELDED HOSE             | 2   |      |          |             |     |
| 2-8  | 64-325         | ENGINE MOUNT PLT, LEFT           | 1   |      |          |             |     |
| 2-9  | *              | 64-326 ENGINE MOUNT PLT, RGHT    | 1   |      |          |             |     |
| 2-10 | 800488         | LOCKWASHER,10MM                  | 8   |      |          |             |     |
| 2-11 | 13-01202-50610 | BOLT                             | 4   |      |          |             |     |
| 2-12 | 13-04013-50060 | WASHER                           | 4   |      |          |             |     |
| 2-13 | 13-66103-58130 | COVER-MUFFLER                    | 1   |      |          |             |     |
| 2-14 | 14-112         | MUFFLER                          | 1   |      |          |             |     |
| 2-15 | 13-097         | CLAMP, 1" MUFFLER                | 1   |      |          |             |     |
| 2-16 | 13-083         | PIPE, 230 MUFFLER TAIL           | 1   |      |          |             |     |
| 2-17 | 13-12692-12230 | GASKET                           | 1   |      |          |             |     |
| 2-18 | 64229-03       | LOCKNUT-NYLON 3/8-16             | 1   |      |          |             |     |
| 2-19 | 64123-50       | BOLT-HEX 3/8-16X1                | 1   |      |          |             |     |
| 2-20 | 64-332         | MOUNT PLATE, COIL                | 1   |      |          |             |     |
| 2-21 | 64025-05       | NUT-3/8-16 HEX                   | 10  |      |          |             |     |
| 2-22 | 64006-03       | WASHER, 3/8 HELICAL LCK          | 2   |      |          |             |     |
| 2-23 | 64123-87       | BOLT-HEX 3/8-16X1-3/4            | 2   |      |          |             |     |
| 2-24 | 87-185         | SHAFT, DRIVE                     | 1   |      |          |             |     |
| 2-25 | 42-448         | LINK, THROTTLE                   | 1   |      |          |             |     |
| 2-26 | 64025-01       | NUT-1/4-20 HEX                   | 2   |      |          |             |     |
| 2-27 | 64206-11       | BOLT-HEX M10X20                  | 8   |      |          |             |     |
| 2-28 | 05-006         | MOTOR ISOLATOR                   | 4   |      |          |             |     |
| 2-29 | 13-029         | DRAIN COCK                       | 1   |      |          |             |     |
| 2-30 | 64-930.7       | BRACKET, TAIL PIPE               | 1   |      |          |             |     |
| 2-31 | 11-034         | CLAMP-MUFFLER 1-1/4"             | 1   |      |          |             |     |
| 2-32 | 4132662.7      | KUBOTA FLYWHEEL GRD              | 1   |      |          |             |     |
| 2-33 | 64205-001      | BLT-MET M8-1.25X20               | 6   |      |          |             |     |
| 2-34 | 35-085         | SENDER-MAGNETIC, TACH            | 1   |      |          |             |     |
| 2-35 | 42-326         | LINK, THROTTLE                   | 1   |      |          |             |     |
| 2-36 | 64123-114      | BOLT-HEX 1/4-20X1                | 2   |      |          |             |     |
| 2-37 | 40-205         | PIVOT ARM, THROTTLE              | 1   |      |          |             |     |
| 2-38 | 43-004         | ROD END, 1/4"                    | 1   |      |          |             |     |
| 2-39 | 13-01123-50822 | BOLT                             | 3   |      |          |             |     |

\* NOT ILLUSTRATED

FIGURE 3

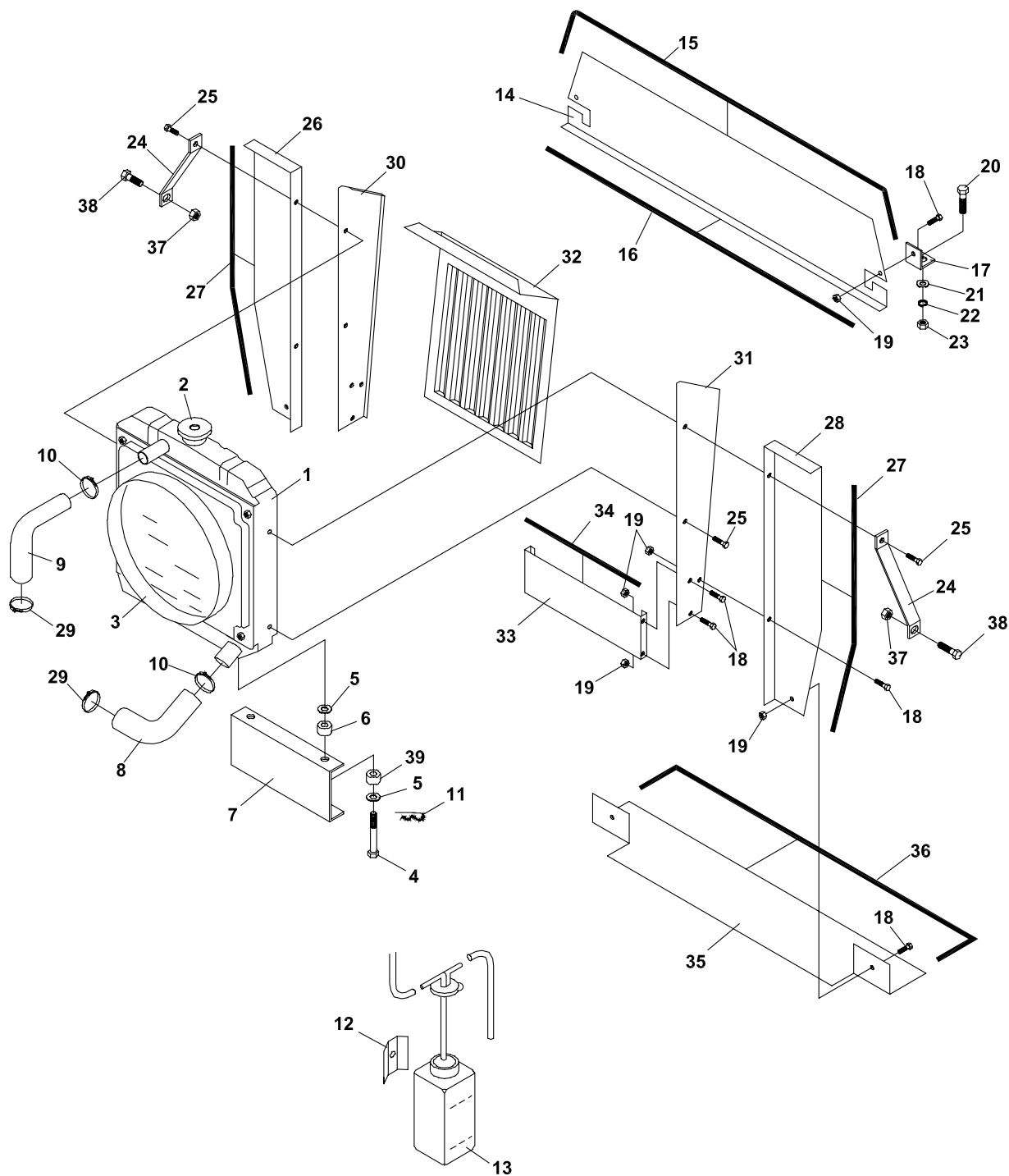
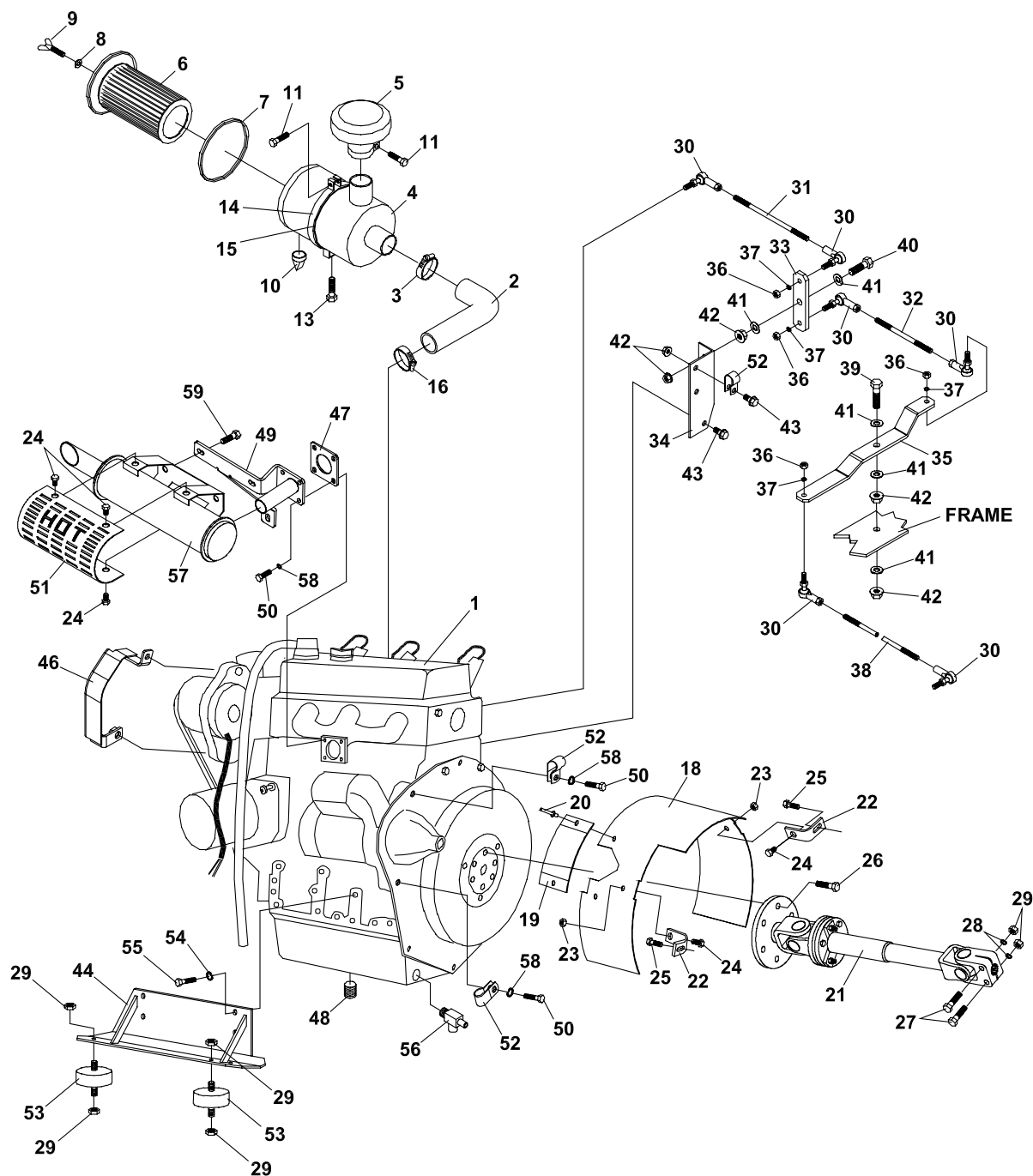


FIGURE 3

| ITEM | PART NO.                       | DESCRIPTION           | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|------|--------------------------------|-----------------------|-----|------|----------|-------------|-----|
| 3-1  | 13-12594-72061                 | RADIATOR              | 1   |      |          |             |     |
| 3-2  | 13-15272-72021                 | CAP-RADIATOR          | 1   |      |          |             |     |
| 3-3  |                                | FAN SHROUD            | 1   |      |          |             |     |
|      | (ITEM 3 AVAILABLE FROM KUBOTA) |                       |     |      |          |             |     |
| 3-4  | 13-66711-51340                 | BOLT-RADIATOR MNT     | 2   |      |          |             |     |
| 3-5  | 13-15111-72200                 | WASHER-CUPPED         | 4   |      |          |             |     |
| 3-6  | 13-15111-72181                 | BUSHING-UPPER         | 2   |      |          |             |     |
| 3-7  | 64-888.7                       | SUPPORT, CENTER LINK  | 1   |      |          |             |     |
| 3-8  | 13-12594-72850                 | HOSE-LOWER RAD        | 1   |      |          |             |     |
| 3-9  | 13-12594-72940                 | HOSE-UPPER RAD        | 1   |      |          |             |     |
| 3-10 | 13-09318-89036                 | CLAMP-HOSE 36MM       | 2   |      |          |             |     |
| 3-11 | 13-05515-51000                 | SNAP PIN              | 2   |      |          |             |     |
| 3-12 | 64-335                         | MOUNT, COOLANT RCVRY  | 1   |      |          |             |     |
| 3-13 | 13-036                         | BOTTLE-COOLANT W/CAP  | 1   |      |          |             |     |
| 3-14 | 64-896                         | BAFFLE, HOOD          | 1   |      |          |             |     |
| 3-15 | 56-068                         | TRIM SEAL, 27"        | 1   |      |          |             |     |
| 3-16 | 56-078                         | TRIM SEAL, 22"        | 1   |      |          |             |     |
| 3-17 | 64-897                         | MOUNT, HOOD BAFFLE    | 2   |      |          |             |     |
| 3-18 | 01-027                         | SCREW, MACH 10-32X5/8 | 10  |      |          |             |     |
| 3-19 | 01-013                         | NUT 10-32             | 10  |      |          |             |     |
| 3-20 | 64123-54                       | BOLT, 5/16-18X3/4 HEX | 2   |      |          |             |     |
| 3-21 | 64163-02                       | WASHER-.328X.608X11GA | 2   |      |          |             |     |
| 3-22 | 64006-02                       | LCKWSHR-HELICAL 5/16  | 2   |      |          |             |     |
| 3-23 | 64025-02                       | NUT-HEX 5/16-18       | 2   |      |          |             |     |
| 3-24 | 64-889                         | SUPPORT, RADIATOR     | 2   |      |          |             |     |
| 3-25 | A1102966                       | BOLT-M6-1.00X16       | 4   |      |          |             |     |
| 3-26 | 64-892                         | SHIELD, RAD SCREEN RH | 1   |      |          |             |     |
| 3-27 | 56-068                         | TRIM SEAL, 19"        | 2   |      |          |             |     |
| 3-28 | 64-893                         | SHIELD, RAD SCREEN LH | 1   |      |          |             |     |
| 3-29 | 13-09318-89030                 | CLAMP-HOSE 30MM       | 2   |      |          |             |     |
| 3-30 | 64-887.7                       | SHROUD, RAD SCREEN RH | 1   |      |          |             |     |
| 3-31 | 64-886.7                       | SHROUD, RAD SCREEN LH | 1   |      |          |             |     |
| 3-32 | 64-895.7                       | RADIATOR SCREEN ASSY  | 1   |      |          |             |     |
| 3-33 | 60-374                         | SHROUD, RAD SCREEN    | 1   |      |          |             |     |
| 3-34 | 56-078                         | TRIM SEAL, 16"        | 1   |      |          |             |     |
| 3-35 | 64-894                         | BOTTOM, AIR-DUCT      | 1   |      |          |             |     |
| 3-36 | 56-068                         | TRIM SEAL, 26"        | 1   |      |          |             |     |
| 3-37 | 64141-6                        | NUT, 5/16-18          | 2   |      |          |             |     |
| 3-38 | 64139-08                       | BOLT-5/16-18X3/4 WLF  | 2   |      |          |             |     |
| 3-39 | 13-15111-72191                 | BUSHING-LOWER         | 2   |      |          |             |     |

\* NOT ILLUSTRATED

FIGURE 4



### FIGURE 4

| ITEM   | PART NO.       | DESCRIPTION                                        | QTY | ITEM                     | PART NO.       | DESCRIPTION             | QTY |
|--------|----------------|----------------------------------------------------|-----|--------------------------|----------------|-------------------------|-----|
| 4-1    | 13-114         | ENGINE, KUBOTA D1105                               | 1   | 4-33                     | 42-493.7       | PIVOT, VERTICAL         | 1   |
|        | *              | 13-15862-12310 MANIFOLD                            |     | 4-34                     | 42-491.7       | MOUNTING BRKT, PIVOT    | 1   |
|        | *              | 13-16271-32090 OIL FILTER                          |     | 4-35                     | 42-492.7       | PIVOT, THROTTLE         | 1   |
|        | *              | 13-16241-74112 FAN                                 |     | 4-36                     | 64025-01       | NUT-HEX 1/4-20          | 4   |
|        | *              | 13-16241-97010 FAN BELT                            |     | 4-37                     | 64006-01       | WASHER, 1/4 HELICAL LCK | 4   |
|        | *              | 13-16217-74250 PULLEY, FAN                         |     | 4-38                     | 42-496         | ROD, DIESEL THROTTLE    | 1   |
|        | *              | 13-16261-74151 SPACER, FAN                         |     | 4-39                     | 64123-70       | BOLT-HEX 3/8-16X1-1/2   | 1   |
|        | *              | 64251-002 WASHER-M6                                |     | 4-40                     | 64123-16       | BLT-HEX 3/8-16X1-1/4    | 1   |
|        | *              | 64205-025 BLT-MET M6-1.00X25                       |     | 4-41                     | 64163-61       | WSHR .81X.406X16GA      | 5   |
|        | *              | 13-70000-73274 KIT-BLOCK HEATER                    |     | 4-42                     | 64141-4        | NUT-WLF 3/8-16          | 5   |
|        | *              | 13-70000-91515 REPLACEMENT CORD                    |     | 4-43                     | 64139-21       | BLT-WLF 3/8-16X3/4      | 2   |
| 4-2    | 13-111         | HOSE, AIR CLEANER                                  | 1   | 4-44                     | 62-742.7       | BRKT, RIGHT ENGINE MNT  | 1   |
| 4-3    | 13-15401-11720 | HOSE CLAMP                                         | 1   | 4-45 *                   | 62-853.7       | BRKT, LEFT ENGINE MNT   | 1   |
| 4-4    | 13-16616-11010 | ASSY-AIR CLEANER<br>(INCLUDES ITEMS 5-12)          | 1   | 4-46                     | 14-114         | SHIELD, MOD. ALT. BELT  | 1   |
| 4-5    | 13-16616-11350 | ASSY-CAP                                           | 1   | 4-47                     | 13-15263-12370 | EXHAUST GASKET          | 1   |
| 4-6    | 13-15741-11080 | ELEMENT-AIR CLNR                                   | 1   | 4-48                     | 89-014         | PLUG, OIL DRAIN         | 1   |
| 4-7    | 13-15741-11170 | GASKET                                             | 1   | 4-49                     | 4133607.7      | PIPE, EXHAUST BRACKET   | 1   |
| 4-8    | 13-15741-94430 | ASSEMBLY GASKET                                    | 1   | 4-50                     | 64205-001      | BLT-MET M8-1.25X20      | 6   |
| 4-9    | 13-15741-92620 | WING BOLT                                          | 1   | 4-51                     | 64-915.7       | MUFFLER SHROUD          | 1   |
| 4-10   | 13-15741-11470 | VALVE                                              | 1   | 4-52                     | 11-048         | CLAMP, INSULATED        | 3   |
| 4-11   | 01123-50835    | BOLT                                               | 2   | 4-53                     | 05-006         | ISOLATOR-ENG MOUNT      | 4   |
| 4-12 * | 16271-87450    | LABEL                                              | 1   | 4-54                     | 800488         | LOCKWASHER, 10MM        | 8   |
| 4-13   | 01123-50814    | BOLT<br>(ITEMS 11-13 ARE AVAILABLE FROM<br>KUBOTA) | 1   | 4-55                     | 64206-11       | BOLT-HEX M10X20         | 8   |
| 4-14   | 13-15000-36930 | BAND-AIR CLEANER                                   | 1   | 4-56                     | 13-029         | VALVE-OIL DRAIN         | 1   |
| 4-15   | 13-15000-36920 | CUSHION                                            | 1   | 4-57                     | 14-110.7       | MUFFLER                 | 1   |
| 4-16   | 13-15221-11720 | HOSE CLAMP                                         | 1   | 4-58                     | 64006-2        | LOCKWASHER, 8MM         | 6   |
| 4-17 * | 14-116         | GUARD, STARTER ASSY<br>(INCLUDES ITEMS 18-20)      | 1   | 4-59                     | 64139-08       | BOLT-5/16-18X3/4 WLF    | 2   |
| 4-18   | 14-115.7       | GUARD, FLYWHEEL                                    | 1   | <b>* NOT ILLUSTRATED</b> |                |                         |     |
| 4-19   | 14-105.7       | GUARD, FLYWHEEL                                    | 1   |                          |                |                         |     |
| 4-20   | 04-024         | POP RIVET, 1/8 X .032-.125                         | 2   |                          |                |                         |     |
| 4-21   | 4131504        | DRIVE SHAFT, 230 KUBOTA                            | 1   |                          |                |                         |     |
| 4-22   | 64-913.7       | ANGLE, SHIELD MOUNT                                | 2   |                          |                |                         |     |
| 4-23   | 64141-6        | NUT, 5/16-18                                       | 2   |                          |                |                         |     |
| 4-24   | 64139-13       | BLT-WLF 5/16-18X1/2                                | 6   |                          |                |                         |     |
| 4-25   | 64139-04       | BOLT-WLF 1/4-20X3/4                                | 2   |                          |                |                         |     |
| 4-26   | 64206-04       | BLT-MET M10-1.25X25                                | 6   |                          |                |                         |     |
| 4-27   | 64123-87       | BOLT-HEX 3/8-16X1-3/4                              | 2   |                          |                |                         |     |
| 4-28   | 64006-03       | WASHER, 3/8 HELICAL LCK                            | 2   |                          |                |                         |     |
| 4-29   | 64025-05       | NUT-3/8-16 HEX                                     | 10  |                          |                |                         |     |
| 4-30   | 43-004S        | ROD END                                            | 6   |                          |                |                         |     |
| 4-31   | 42-494         | ROD, THROTTLE                                      | 1   |                          |                |                         |     |
| 4-32   | 42-495         | ROD, JACKSHAFT                                     | 1   |                          |                |                         |     |

FIGURE 5

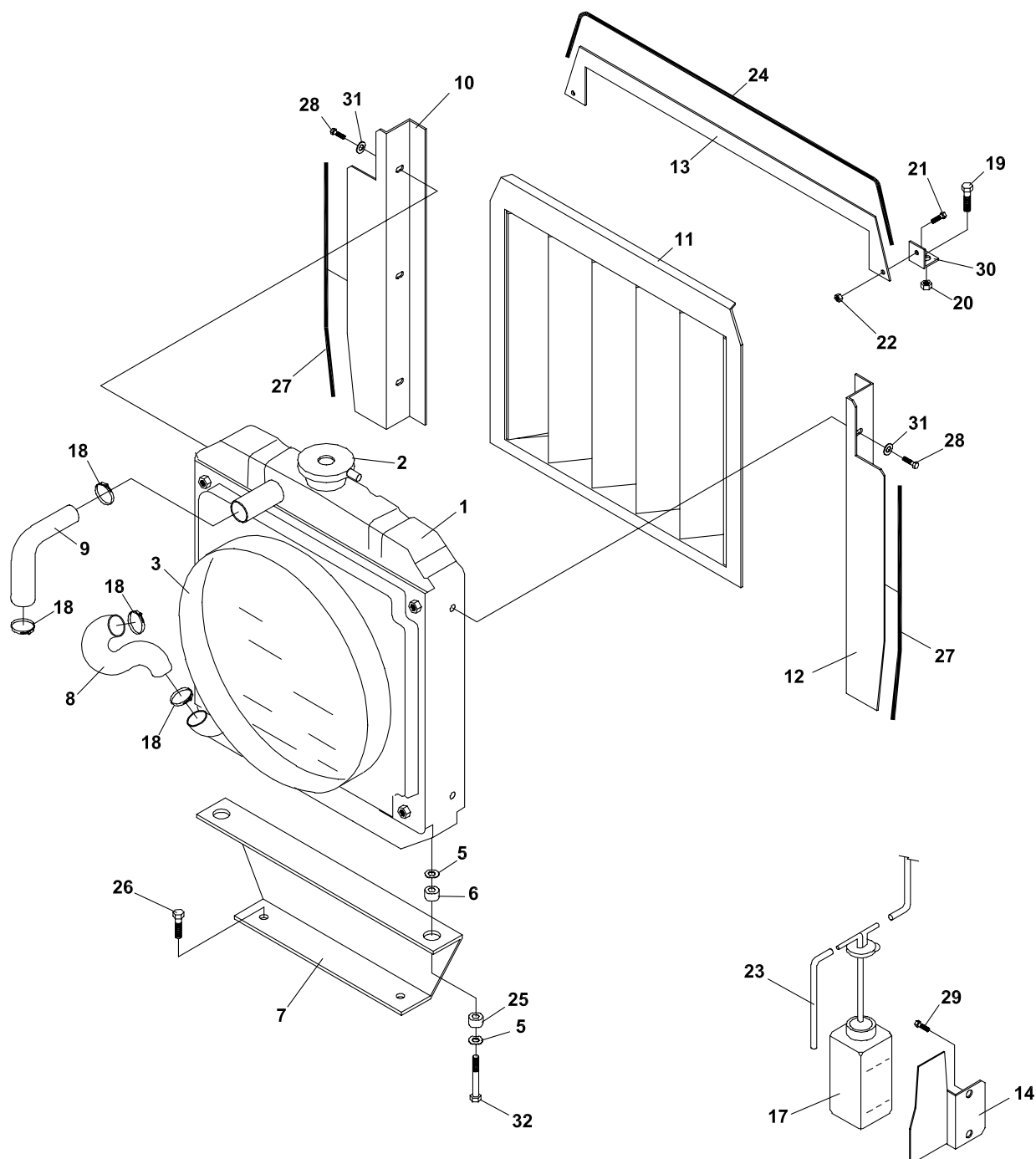


FIGURE 5

| ITEM   | PART NO.       | DESCRIPTION           | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|--------|----------------|-----------------------|-----|------|----------|-------------|-----|
| 4-1    | 13-16625-72060 | RADIATOR              | 1   |      |          |             |     |
| 4-2    | 13-15272-72021 | CAP-RADIATOR          | 1   |      |          |             |     |
| 4-3    | 13-16626-72330 | FAN SHROUD            | 1   |      |          |             |     |
| 4-4 *  | 13-16616-74120 | SCREEN-RAD FAN        | 1   |      |          |             |     |
| 4-5    | 13-15111-72200 | WASHER-CUPPED         | 4   |      |          |             |     |
| 4-6    | 13-5111-72181  | BUSHING-UPPER         | 2   |      |          |             |     |
| 4-7    | 14-117.7       | MOUNT, RADIATOR       | 1   |      |          |             |     |
| 4-8    | 13-16626-72851 | HOSE-LOWER RAD        | 1   |      |          |             |     |
| 4-9    | 13-16626-72940 | HOSE-UPPER RAD        | 1   |      |          |             |     |
| 4-10   | 14-104.7       | MOUNT, RAD SCREEN RH  | 1   |      |          |             |     |
| 4-11   | 62-851.7       | RADIATOR SCREEN       | 1   |      |          |             |     |
| 4-12   | 14-108.7       | MOUNT, RAD SCREEN LH  | 1   |      |          |             |     |
| 4-13   | 64-911         | BAFFLE, HOOD          | 1   |      |          |             |     |
| 4-14   | 64-910         | MOUNT, RESERVOIR      | 1   |      |          |             |     |
| 4-15 * | 99-K14         | SCREW 5/16X1/2        | 1   |      |          |             |     |
| 4-16 * | 64141-6        | NUT, 5/16-18          | 1   |      |          |             |     |
| 4-17   | 13-036         | BOTTLE-COOLANT W/CAP  | 1   |      |          |             |     |
| 4-18   | 13-36200-82720 | CLAMP-HOSE            | 4   |      |          |             |     |
| 4-19   | 64123-68       | BOLT-HEX 5/16-18X1    | 2   |      |          |             |     |
| 4-20   | 64025-02       | NUT-HEX 5/16-18       | 2   |      |          |             |     |
| 4-21   | 01-027         | SCREW, MACH 10-32X5/8 | 2   |      |          |             |     |
| 4-22   | 64025-14       | NUT-HEX #10-32        | 2   |      |          |             |     |
| 4-23   | 56-034         | VINYL TUBE, 12"       | 1   |      |          |             |     |
| 4-24   | 56-068         | TRIM SEAL, 27"        | 1   |      |          |             |     |
| 4-25   | 13-15111-72191 | BUSHING-LOWER         | 2   |      |          |             |     |
| 4-26   | 64139-21       | BLT-WLF 3/8-16X3/4    | 2   |      |          |             |     |
| 4-27   | 56-068         | TRIM SEAL, 14"        | 2   |      |          |             |     |
| 4-28   | 64205-013      | BOLT-MET M6-1X12      | 4   |      |          |             |     |
| 4-29   | 07-0812515     | BOLT-MET M8-1.25X15   | 2   |      |          |             |     |
| 4-30   | 64-897         | MOUNT, HOOD BAFFLE    | 2   |      |          |             |     |
| 4-31   | 64006-01       | LCKWSHR-1/4 HELICAL   | 4   |      |          |             |     |
| 4-32   | 13-66711-51340 | BOLT-RADIATOR MNT     | 2   |      |          |             |     |

\* NOT ILLUSTRATED

FIGURE 6

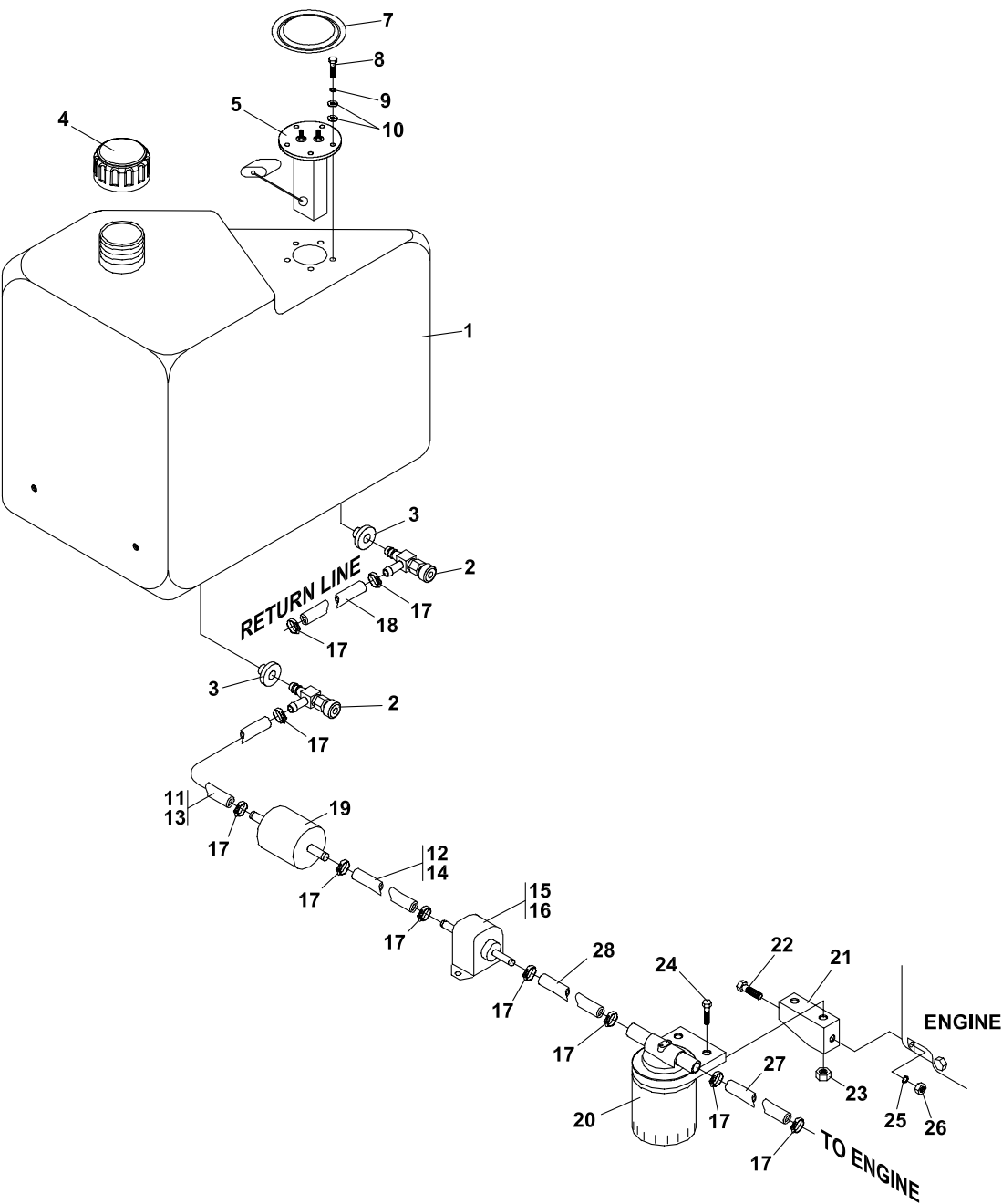


FIGURE 6

| ITEM  | PART NO.       | DESCRIPTION                                                                                                              | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|-------|----------------|--------------------------------------------------------------------------------------------------------------------------|-----|------|----------|-------------|-----|
| 6-1   | 06-027         | TANK, MOLDED PLASTIC<br>(INCLUDES ITEMS 2 & 3)                                                                           | 1   |      |          |             |     |
| 6-2   | 13-151         | VALVE-FUEL SHUT-OFF                                                                                                      | 2   |      |          |             |     |
| 6-3   | 13-127         | BUSHING, FUEL TANK                                                                                                       | 2   |      |          |             |     |
| 6-4   | 47-119         | CAP, FUEL TANK                                                                                                           | 1   |      |          |             |     |
| 6-5   | 35-103         | SENDER, FUEL                                                                                                             | 1   |      |          |             |     |
| 6-6 * | 35-086         | GASKET, FUEL LEVEL SND                                                                                                   | 1   |      |          |             |     |
| 6-7   | 47-127         | CAP, 230 FUEL SENDER                                                                                                     | 1   |      |          |             |     |
| 6-8   | 64152-10       | 10-24X3/4 MACH SCREW                                                                                                     | 5   |      |          |             |     |
| 6-9   | 120052         | LCKWSHR .194.337.047                                                                                                     | 5   |      |          |             |     |
| 6-10  | 64163-60       | WASHER .50X.203X18GA                                                                                                     | 10  |      |          |             |     |
| 6-11  | 27-021         | HOSE, 5/16 FUEL LINE, 19"                                                                                                | 1   |      |          |             |     |
| 6-12  | 27-021         | HOSE, 5/16 FUEL LINE, 12"<br>(ITEMS 11 & 12 USED ON KUBOTA<br>ENGINES ONLY)                                              | 1   |      |          |             |     |
| 6-13  | 27-015         | HOSE, 1/4 FUEL LINE, 56"                                                                                                 | 1   |      |          |             |     |
| 6-14  | 27-015         | HOSE, 1/4 FUEL LINE, 2"<br>(ITEMS 11 & 12 USED ON KOHLER<br>ENGINES ONLY)                                                | 1   |      |          |             |     |
| 6-15  | 13-12584-52031 | FUEL PUMP-ELECTRIC<br>(ITEM 16 USED ON KUBOTA GAS ONLY)                                                                  | 1   |      |          |             |     |
| 6-16  | 13-68371-51211 | FUEL PUMP-ELECTRIC<br>(ITEM 16 USED ON KUBOTA DIESEL ONLY)                                                               | 1   |      |          |             |     |
| 6-17  | 11-017         | HOSE CLAMP, SMALL<br>(QTY OF 10 USED ON KUBOTA DIESEL)<br>(QTY OF 6 USED ON KUBOTA GAS)<br>(QTY OF 4 USED ON KOHLER GAS) |     |      |          |             |     |
| 6-18  | 27-015         | HOSE, 1/4 FUEL LINE, 35"<br>(ITEM 18 USED ON KUBOTA DIESEL ONLY)                                                         | 1   |      |          |             |     |
| 6-19  | 13-021         | FUEL FILTER                                                                                                              | 1   |      |          |             |     |
| 6-20  | 13-70000-43081 | FUEL FILTER                                                                                                              | 1   |      |          |             |     |
| 6-21  | 64-800         | BRKT, FUEL FILTER MNT                                                                                                    | 1   |      |          |             |     |
| 6-22  | 64123-47       | BLT-HEX 5/16-18X1-1/4                                                                                                    | 1   |      |          |             |     |
| 6-23  | 64141-6        | NUT, 5/16-18                                                                                                             | 2   |      |          |             |     |
| 6-24  | 64139-08       | BOLT-5/16-18X3/4 WLF                                                                                                     | 2   |      |          |             |     |
| 6-25  | 64006-02       | LCKWSHR-HELICAL 5/16                                                                                                     | 1   |      |          |             |     |
| 6-26  | 64025-02       | NUT-HEX 5/16-18                                                                                                          | 1   |      |          |             |     |
| 6-27  | 27-021         | HOSE, 5/16 FUEL LINE, 12"                                                                                                | 1   |      |          |             |     |
| 6-28  | 27-021         | HOSE, 5/16 FUEL LINE, 23"<br>(ITEMS 20-28 USED ON KUBOTA<br>ENGINES ONLY)                                                | 1   |      |          |             |     |

\* NOT ILLUSTRATED

FIGURE 7

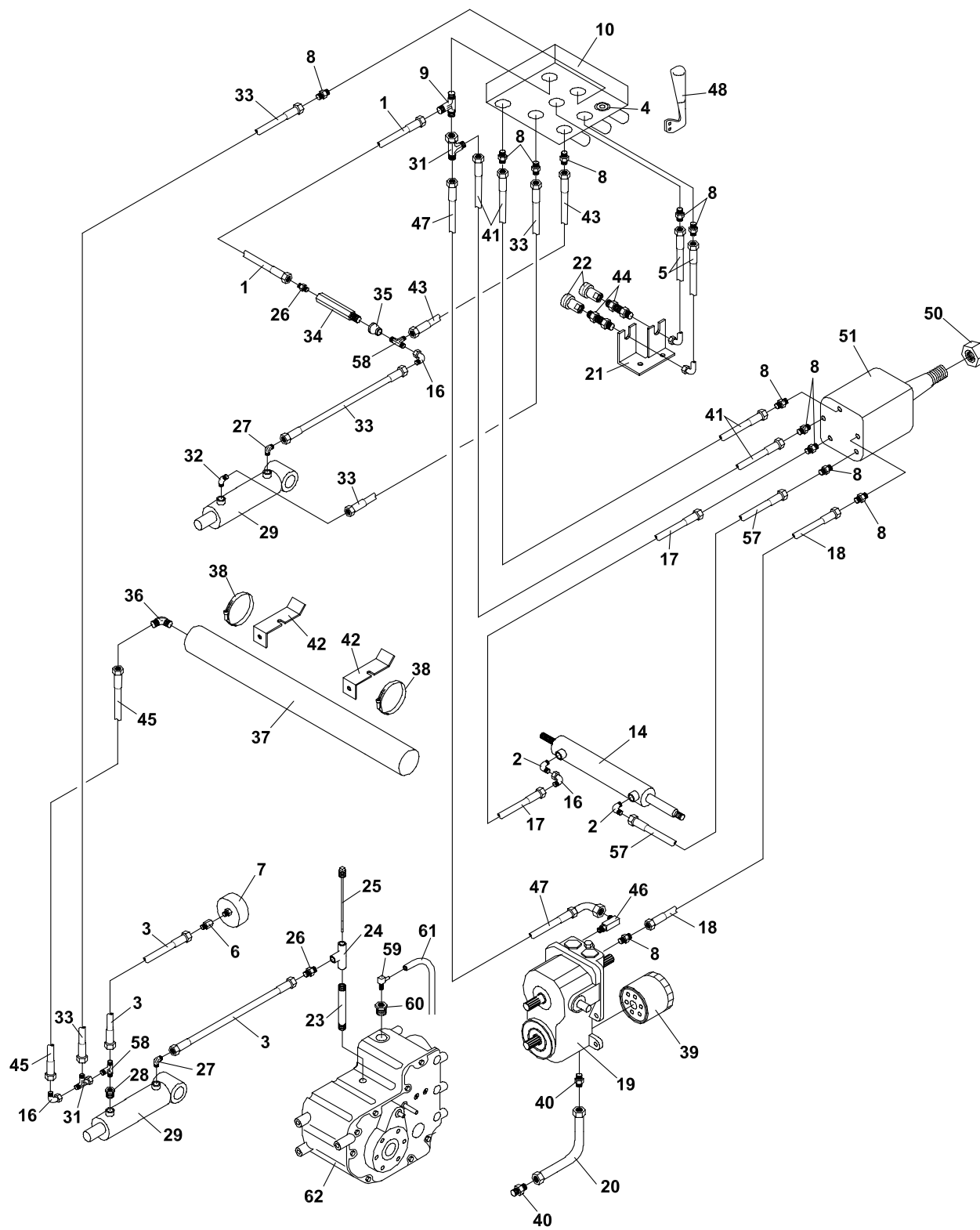


FIGURE 7

| ITEM   | PART NO.      | DESCRIPTION               | QTY | ITEM   | PART NO.    | DESCRIPTION             | QTY |
|--------|---------------|---------------------------|-----|--------|-------------|-------------------------|-----|
| 7-1    | 20-046        | HOSE, 1/4 X 13            | 1   | 7-50   | 99-E11      | NUT, STEERING VALVE     | 1   |
| 7-2    | 25-2103-4-6   | FITTING, 90               | 2   | 7-51   | 23-056      | VALVE-STEERING 5 PORT   | 1   |
| 7-3    | 20-006        | HOSE, 1/4 X 24            | 2   | 7-52 * | 21-402405   | SEAL-POST, OUTER        | 1   |
| 7-4    | 25-05CP-6     | FITTING, PLUG -6 M ORB    | 1   | 7-53 * | 21-478046   | SEAL-FACE               | 1   |
| 7-5    | 20-135        | HOSE, 1/4 X 19            | 2   | 7-54 * | 21-061015   | BUSHING, PLASTIC        | 1   |
| 7-6    | 25-0203-4-6   | FITTING                   | 1   | 7-55 * | 21-SK000011 | KIT-SEAL, STEERING VLV1 | 1   |
| 7-7    | 35-050        | PRESSURE GAUGE            | 1   | 7-56 * | 21-401443X1 | KIT-SPRING, STEERING    | 1   |
| 7-8    | 25-0503-6-6   | FITTING, O-RING           | 12  | 7-57   | 20-049      | HOSE, 1/4 X 84          | 1   |
| 7-9    | 25-053T-6-6   | FITTING, TEE              | 1   | 7-58   | 25-013T-4-6 | FITTING, TEE            | 2   |
| 7-10   | 23-059        | VALVE, 3-SPOOL DUKES      | 1   | 7-59   | 29-047      | VALVE                   | 1   |
| 7-11 * | 23-30029308   | SEAL KIT, 3-SPOOL VLV     | 1   | 7-60   | 29-081      | REDUCER, 3/4X1/8        | 1   |
| 7-12 * | 23-1607-11    | DETENT, SPOOL             | 1   | 7-61   | 56-034-12   | TUBE-VINYL, 12"         | 1   |
| 7-13 * | 23-041        | KIT-DETENT FOR DUKES      | 1   | 7-62   | 51-022      | TRANSAXLE, W/DIFF LOCK  | 1   |
| 7-14   | 4132321       | STEERING CYLINDER, 2X4    | 1   | 7-63 * | 23-033      | DUST PLUG               | 2   |
| 7-15 * | 21-0A002813   | SEAL KIT, CYLINDER        | 1   | 7-64 * | 15-012      | TRANS-HYD. OIL QT       |     |
| 7-16   | 25-3903-6-6   | FITTING, 90, SWIVEL       | 3   | 7-65 * | 15-015      | TRANS-HYD. OIL 3.5 GAL  |     |
| 7-17   | 20-018        | HOSE, 1/4 X 75            | 1   |        |             |                         |     |
| 7-18   | 20-076        | HOSE, 3/8 X 44            | 1   |        |             |                         |     |
| 7-19   | 21-076        | PUMP, SUNDSTRAND          | 1   |        |             |                         |     |
| 7-20   | 23-042        | TUBE, STEEL HYD OIL       | 1   |        |             |                         |     |
| 7-21   | 60-656.7      | BRKT-QUICK COUPLER        | 1   |        |             |                         |     |
| 7-22   | 23-003        | COUPLER, FEMALE           | 2   |        |             |                         |     |
| 7-23   | 29-116        | PIPE NIPPLE, 3/8 NPT X 8  | 1   |        |             |                         |     |
| 7-24   | 29-070        | PIPE TEE, 3/8             | 1   |        |             |                         |     |
| 7-25   | 24-046        | DIPSTICK, 230 TRANSAXLE   | 1   |        |             |                         |     |
| 7-26   | 25-0103-6-6   | FITTING-9/16 JICx3/8 NPTF | 2   |        |             |                         |     |
| 7-27   | 25-2103-6-6   | FITTING, 90               | 2   |        |             |                         |     |
| 7-28   | 29-024        | PIPE BUSHING, 3/8 X 1/4   | 1   |        |             |                         |     |
| 7-29   | 23-005        | CYLINDER                  | 2   |        |             |                         |     |
| 7-30 * | 21-13909X     | SEAL KIT, LIFT CYLINDER   | 1   |        |             |                         |     |
| 7-31   | 25-063T-6-6   | TEE, NUT RUN SWIVEL       | 2   |        |             |                         |     |
| 7-32   | 25-3103-6-6   | FITTING, 45               | 1   |        |             |                         |     |
| 7-33   | 20-026        | HOSE, 1/4 X 17            | 3   |        |             |                         |     |
| 7-34   | 23-048        | RELIEF VALVE 125-150 PSI  | 1   |        |             |                         |     |
| 7-35   | 29-085        | REDUCER CPLNG, 3/8 X 1/4  | 1   |        |             |                         |     |
| 7-36   | 25-2503-8-6   | FITTING, 90               | 1   |        |             |                         |     |
| 7-37   | 23-225        | ACCUMULATOR, 2" BORE      | 1   |        |             |                         |     |
| 7-38   | 11-018        | HOSE CLAMP, 4"            | 2   |        |             |                         |     |
| 7-39   | 21-077        | FILTER                    | 1   |        |             |                         |     |
| 7-40   | 25-0503-10-10 | FITTING, O-RING           | 2   |        |             |                         |     |
| 7-41   | 20-077        | HOSE, 3/8 X 19            | 2   |        |             |                         |     |
| 7-42   | 64-307.7      | ACCUMULATOR BRACKET       | 2   |        |             |                         |     |
| 7-43   | 20-217        | HOSE, 1/4 X 20            | 1   |        |             |                         |     |
| 7-44   | 25-2706-4-6   | FITTING                   | 2   |        |             |                         |     |
| 7-45   | 20-027        | HOSE 1/4 X 22             | 1   |        |             |                         |     |
| 7-46   | 25-6801-LL-6  | FITTING, 90 EX-LONG       | 1   |        |             |                         |     |
| 7-47   | 20-265        | HOSE, 3/8 X 24-3/4        | 1   |        |             |                         |     |
| 7-48   | 23-038        | HANDLE                    | 3   |        |             |                         |     |
| 7-49 * | 23-038A       | CUP & PIN                 | 3   |        |             |                         |     |

\* NOT ILLUSTRATED

FIGURE 8

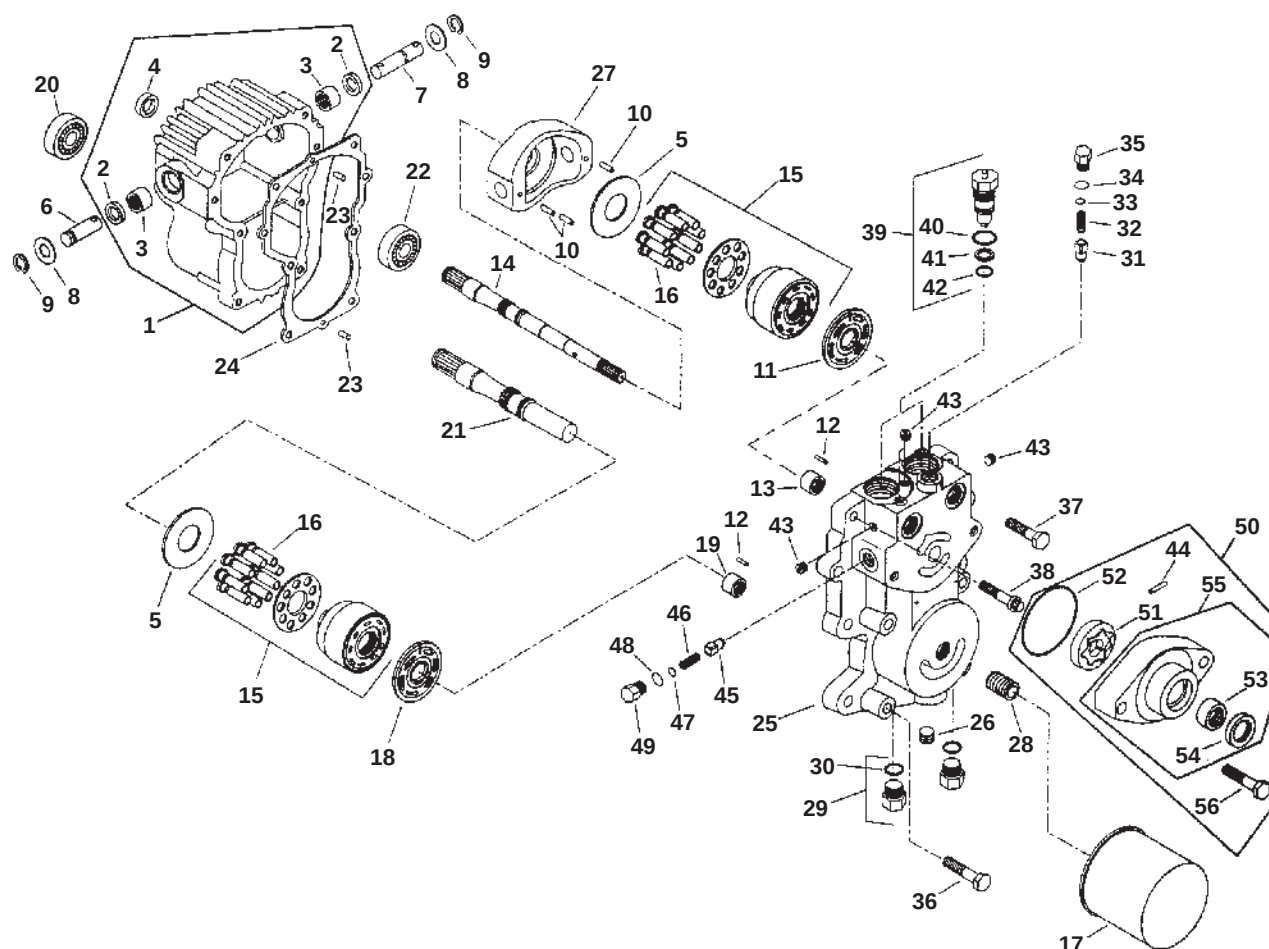


FIGURE 8

| ITEM | PART NO.        | DESCRIPTION                                    | QTY | ITEM | PART NO.        | DESCRIPTION                                       | QTY |
|------|-----------------|------------------------------------------------|-----|------|-----------------|---------------------------------------------------|-----|
| 8-1  | 21-3103345      | HOUSING<br>(INCLUDES ITEMS 2-4)                | 1   | 8-45 | 21-3100053      | CHARGE RELIEF CONE                                | 1   |
| 8-2  | 21-9008000-6701 | LIP SEAL                                       | 2   | 8-46 | 21-3101536      | CHARGE RELIEF SPRING                              | 1   |
| 8-3  | 21-3103343      | BEARING                                        | 2   | 8-47 | 21-9510447      | SHIM KIT                                          | 1   |
| 8-4  | 21-5000174      | LIP SEAL                                       | 1   | 8-48 | 21-9004201-3100 | O-RING                                            | 1   |
| 8-5  | 21-3102020      | THRUST PLATE                                   | 2   | 8-49 | 21-3100055      | PLUG                                              | 1   |
| 8-6  | 21-3101045      | TRUNNION SHAFT                                 | 1   | 8-50 | 21-9510405-0005 | CHARGE PUMP KIT<br>(INCLUDES ITEMS 51-56)         | 1   |
| 8-7  | 21-3101703      | TRUNNION SHAFT                                 | 1   | 8-51 | 21-3103107      | GEROTOR ASSEMBLY                                  | 1   |
| 8-8  | 21-9009625-6904 | WASHER                                         | 2   | 8-52 | 21-9004100-0360 | O-RING                                            | 1   |
| 8-9  | 21-9006320-0069 | RETAINING RING                                 | 2   | 8-53 | 21-9001355-0005 | NEEDLE BEARING                                    | 1   |
| 8-10 | 21-9004690-1910 | SPRING PIN                                     | 3   | 8-54 | 21-9008000-0100 | LIP SEAL                                          | 1   |
| 8-11 | 21-3103521      | VALVE PLATE                                    | 1   | 8-55 | 21-9510497-0004 | KIT-CHARGE PUMP<br>(INCLUDES ITEMS 53 & 54)       | 1   |
| 8-12 | 21-9004800-1508 | PIN                                            | 2   | 8-56 | 21-9007200-4428 | HEX HEAD SCREW                                    | 2   |
| 8-13 | 21-9001355      | ROLLER BEARING                                 | 1   | 8-57 | * 71-009        | TOOL-SPRING COMPRESS<br>(USED TO SERVICE ITEM 15) | 1   |
| 8-14 | 21-3103304      | PUMP SHAFT                                     | 1   |      |                 |                                                   |     |
| 8-15 | 21-3103136      | CYLINDER BLOCK KIT                             | 2   |      |                 |                                                   |     |
| 8-16 | 21-9510621      | PISTON ASSEMBLY                                | 18  |      |                 |                                                   |     |
| 8-17 | 21-077          | FILTER                                         | 1   |      |                 |                                                   |     |
| 8-18 | 21-3102687      | VALVE PLATE                                    | 1   |      |                 |                                                   |     |
| 8-19 | 21-9001355-0005 | ROLLER BEARING                                 | 1   |      |                 |                                                   |     |
| 8-20 | 21-9001310-0008 | ROLLER BEARING                                 | 1   |      |                 |                                                   |     |
| 8-21 | 21-3103522      | MOTOR SHAFT                                    | 1   |      |                 |                                                   |     |
| 8-22 | 21-9001310-0001 | BALL BEARING                                   | 1   |      |                 |                                                   |     |
| 8-23 | 21-9004800-2506 | PIN                                            | 2   |      |                 |                                                   |     |
| 8-24 | 21-3102875      | GASKET                                         | 1   |      |                 |                                                   |     |
| 8-25 | 21-3103179      | CENTER SECTION                                 | 1   |      |                 |                                                   |     |
| 8-26 | 21-9005215-6200 | PLUG                                           | 1   |      |                 |                                                   |     |
| 8-27 | 21-3102029      | SWASHPLATE                                     | 1   |      |                 |                                                   |     |
| 8-28 | 21-3101069      | FILTER UNION                                   | 1   |      |                 |                                                   |     |
| 8-29 | 21-9005100-7500 | PLUG<br>(INCLUDES ITEM 30)                     | 2   |      |                 |                                                   |     |
| 8-30 | 21-9004201-5000 | O-RING                                         | 2   |      |                 |                                                   |     |
| 8-31 | 21-3100053      | IMPLEMENT RELIEF CONE                          | 1   |      |                 |                                                   |     |
| 8-32 | 21-3102301      | IMPLEMENT REL SPRING                           | 1   |      |                 |                                                   |     |
| 8-33 | 21-9510447      | SHIM KIT                                       | 1   |      |                 |                                                   |     |
| 8-34 | 21-9004201-3100 | O-RING                                         | 1   |      |                 |                                                   |     |
| 8-35 | 21-3100055      | PLUG                                           | 1   |      |                 |                                                   |     |
| 8-36 | 21-9007200-3728 | HEX HEAD SCREW                                 | 4   |      |                 |                                                   |     |
| 8-37 | 21-9007200-3724 | HEX HEAD SCREW                                 | 2   |      |                 |                                                   |     |
| 8-38 | 21-9007500-3722 | 12 POINT SCREW                                 | 2   |      |                 |                                                   |     |
| 8-39 | 21-3103132      | CHECK VALVE ASSEMBLY<br>(INCLUDES ITEMS 40-42) | 2   |      |                 |                                                   |     |
| 8-40 | 21-9004201-6200 | O-RING                                         | 2   |      |                 |                                                   |     |
| 8-41 | 21-9006110-0160 | BACK-UP RING                                   | 2   |      |                 |                                                   |     |
| 8-42 | 21-9004100-0160 | O-RING                                         | 2   |      |                 |                                                   |     |
| 8-43 | 21-9005001-1200 | PIPE PLUG                                      | 4   |      |                 |                                                   |     |
| 8-44 | 21-9004875-0076 | PIN                                            | 1   |      |                 |                                                   |     |

\* NOT ILLUSTRATED

FIGURE 9

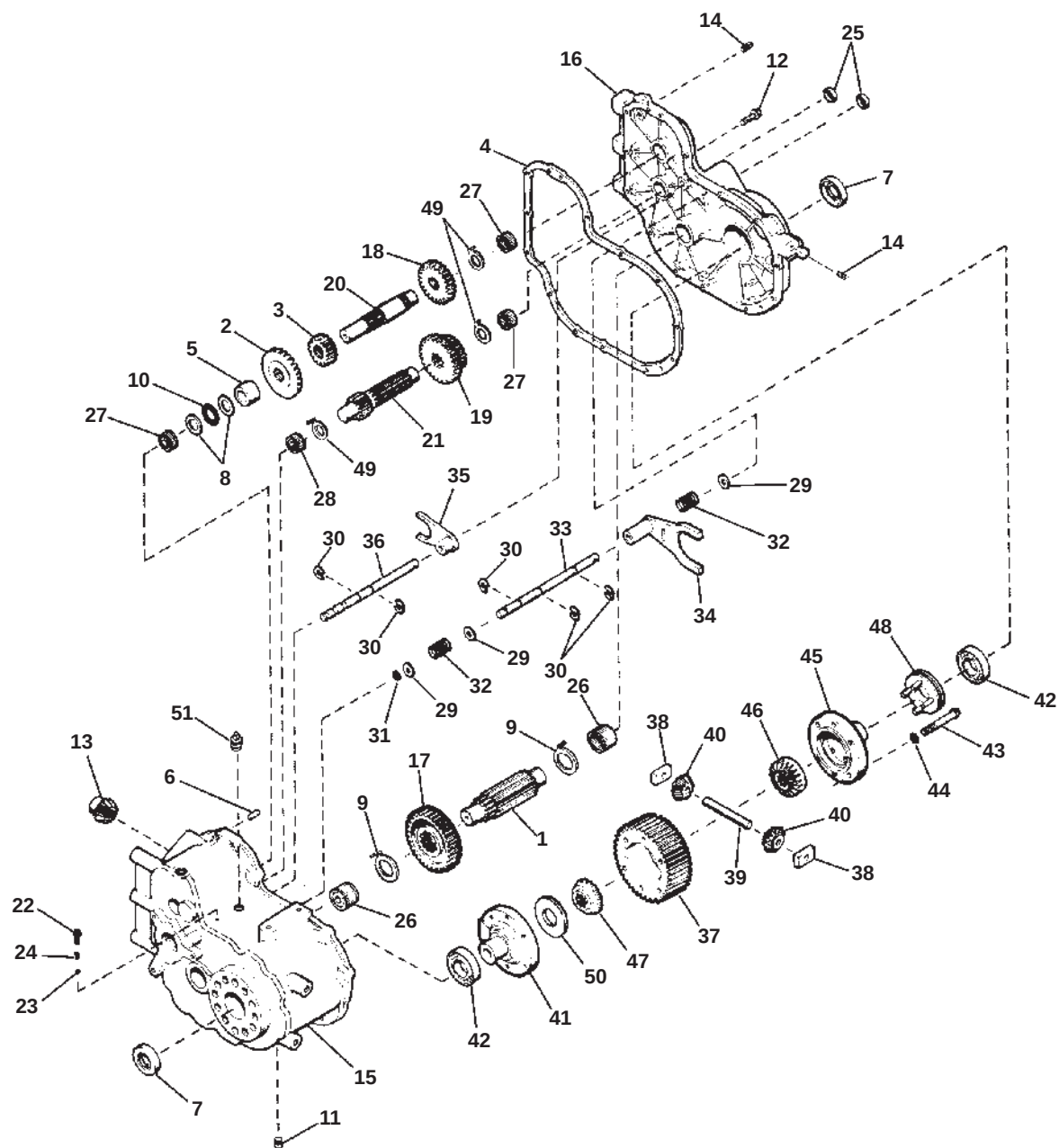


FIGURE 9

| ITEM | PART NO.   | DESCRIPTION                                                 | QTY | ITEM | PART NO.   | DESCRIPTION            | QTY |
|------|------------|-------------------------------------------------------------|-----|------|------------|------------------------|-----|
| 9-1  | 51-776120A | OUTPUT PINION                                               | 1   | 9-42 | 51-780125  | BALL BEARING           | 2   |
| 9-2  | 51-778087  | BEVEL GEAR, 30 TEETH                                        | 1   | 9-43 | 51-792101  | BOLT, FLNGD, 3/8X2-3/4 | 6   |
| 9-3  | 51-778088  | SPUR GEAR, 16 TEETH                                         | 1   | 9-44 | 99-G01     | LOCKWASHER, 3/8        | 6   |
| 9-4  | 51-788058B | GASKET, CASE & COVER                                        | 1   | 9-45 | 51-774487  | DIFFERENTIAL CARRIER   | 1   |
| 9-5  | 51-786094  | SPACER                                                      | 1   | 9-46 | 51-778159  | BEVEL GEAR             | 1   |
| 9-6  | 51-786026  | PIN, DOWEL                                                  | 2   | 9-47 | 51-778158  | BEVEL GEAR             | 1   |
| 9-7  | 89-006     | SEAL, AXLE (788049)                                         | 2   | 9-48 | 51-784325A | SHIFT COLLAR ASSEMBLY  | 1   |
| 9-8  | 51-780045  | THRUST WASHER                                               | 2   | 9-49 | 51-780157  | THRUST WASHER, TABBED  | 3   |
| 9-9  | 51-780156  | THRUST WASHER, TABBED                                       | 2   | 9-50 | 51-780130  | THRUST WASHER          | 1   |
| 9-10 | 51-780012  | THRUST BEARING                                              | 1   | 9-51 | 29-049     | PIPE PLUG, 3/8         | 1   |
| 9-11 | 51-792019  | MAGNETIC DRAIN PLUG                                         | 1   |      |            |                        |     |
| 9-12 | 51-792067  | SCREW, 5/16 X 1"                                            | 13  |      |            |                        |     |
| 9-13 | 51-023     | BEVEL PINION (778155)                                       | 1   |      |            |                        |     |
| 9-14 | 29-061     | PIPE PLUG, 1/8                                              | 2   |      |            |                        |     |
| 9-15 | 51-770073A | TRANSAXLE CASE ASSY<br>(INCLUDES ITEMS 22, 26, 27, 28 & 51) | 1   |      |            |                        |     |
| 9-16 | 51-772086  | TRANSAXLE COVER ASSY<br>(INCLUDES ITEMS 26 & 27)            | 1   |      |            |                        |     |
| 9-17 | 51-778098  | OUTPUT GEAR, 37 TEETH                                       | 1   |      |            |                        |     |
| 9-18 | 51-778096  | SPUR GEAR, 23 TEETH                                         | 1   |      |            |                        |     |
| 9-19 | 51-778097  | CLUSTER GEAR, 20 & 27 T                                     | 1   |      |            |                        |     |
| 9-20 | 51-776209A | COUNTER SHAFT                                               | 1   |      |            |                        |     |
| 9-21 | 51-776212  | SHIFTER SHAFT AND GEAR                                      | 1   |      |            |                        |     |
| 9-22 | 51-792100  | BOLT, HEX FLNGD 1/4X5/8                                     | 1   |      |            |                        |     |
| 9-23 | 51-792004  | DETENT BALL                                                 | 1   |      |            |                        |     |
| 9-24 | 51-792003  | DETENT SPRING                                               | 1   |      |            |                        |     |
| 9-25 | 89-007     | SEAL, SHIFTER SHAFT                                         | 2   |      |            |                        |     |
| 9-26 | 51-780099  | NEEDLE BEARING                                              | 2   |      |            |                        |     |
| 9-27 | 51-780100  | NEEDLE BEARING                                              | 3   |      |            |                        |     |
| 9-28 | 51-780126  | NEEDLE BEARING                                              | 1   |      |            |                        |     |
| 9-29 | 51-780070  | THRUST WASHER                                               | 3   |      |            |                        |     |
| 9-30 | 51-792064  | SNAP RING                                                   | 5   |      |            |                        |     |
| 9-31 | 51-792099  | SNAP RING                                                   | 1   |      |            |                        |     |
| 9-32 | 51-792102  | COMPRESSION SPRING                                          | 2   |      |            |                        |     |
| 9-33 | 51-784327A | DIFF LOCK SHIFT ROD                                         | 1   |      |            |                        |     |
| 9-34 | 51-784328  | SHIFTER FORK                                                | 1   |      |            |                        |     |
| 9-35 | 51-784195  | SHIFTER FORK                                                | 1   |      |            |                        |     |
| 9-36 | 51-784326A | HI-LOW SHIFT ROD                                            | 1   |      |            |                        |     |
| 9-37 | 51-778156  | RING GEAR                                                   | 1   |      |            |                        |     |
| 9-38 | 51-786098  | DRIVE BLOCK                                                 | 2   |      |            |                        |     |
| 9-39 | 51-786096  | DRIVE PIN                                                   | 1   |      |            |                        |     |
| 9-40 | 51-778157  | BEVEL PINION                                                | 2   |      |            |                        |     |
| 9-41 | 51-774486A | DIFFERENTIAL CARRIER<br>(INCLUDES ITEM 51)                  | 1   |      |            |                        |     |

FIGURE 10

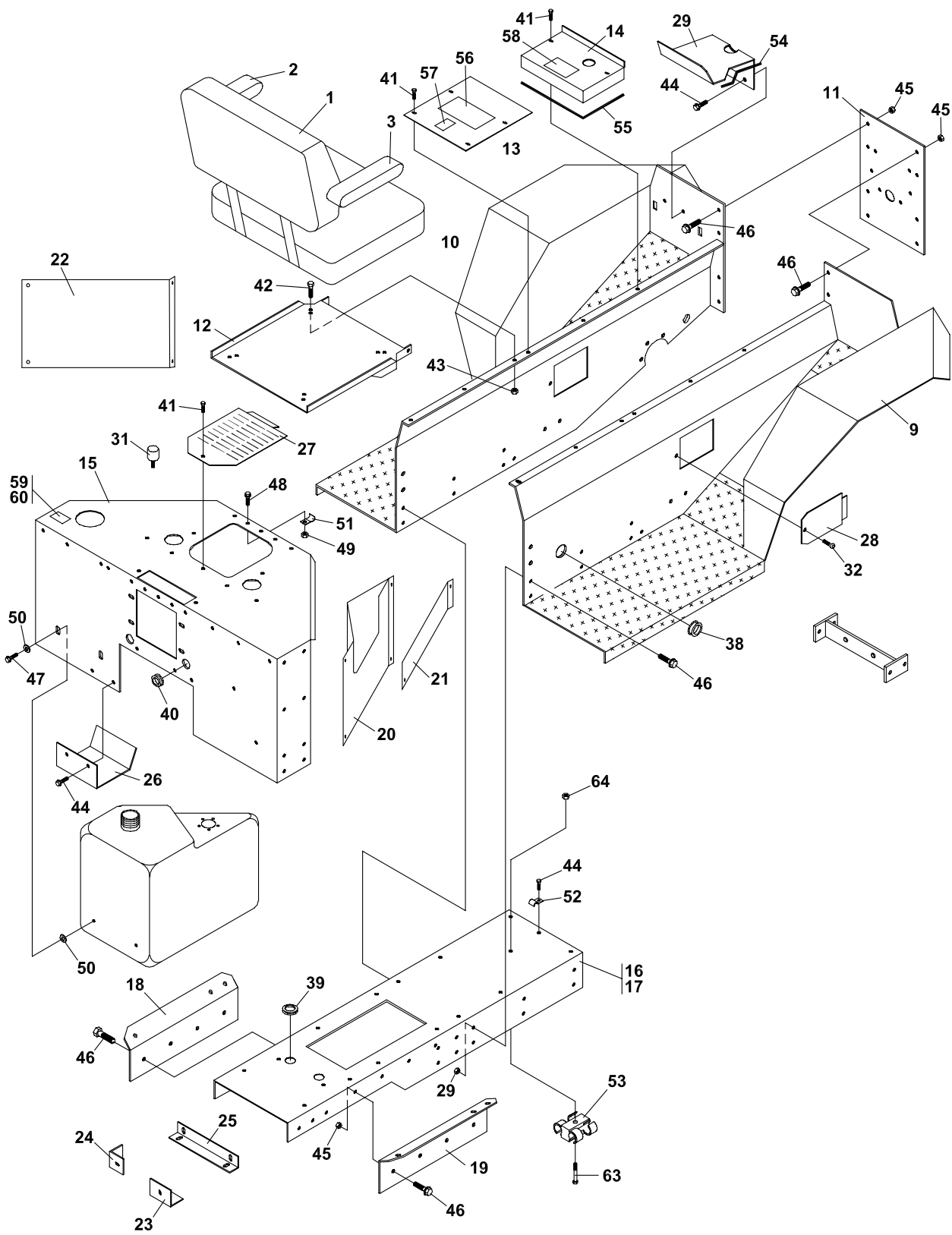


FIGURE 10

| ITEM  | PART NO.                                    | DESCRIPTION               | QTY | ITEM  | PART NO.   | DESCRIPTION              | QTY |
|-------|---------------------------------------------|---------------------------|-----|-------|------------|--------------------------|-----|
| 10-1  | 47-151                                      | SEAT, XR-210 W/ LOGO      | 1   | 10-40 | 05-039     | GROMMET, 1-5/16"X2"      | 2   |
| 10-2  | 47-097                                      | ARMREST, LH               | 1   | 10-41 | 64123-113  | BLT-HEX 1/4-20X2-1/4     | 7   |
| 10-3  | 47-096                                      | ARMREST, RH               | 1   | 10-42 | 64123-50   | BOLT-HEX 3/8-16X1        | 4   |
| 10-4  | * 64139-13                                  | BLT-WLF 5/16-18X1/2       | 6   | 10-43 | 64025-05   | NUT-3/8-16 HEX           | 4   |
| 10-5  | * 99-C0404                                  | BOLT, SELF TAP 1/4-20X1/2 | 2   | 10-44 | 64139-04   | BOLT-WLF 1/4-20X3/4      | 5   |
| 10-6  | * 47-094                                    | ADJUSTER, LATCHING        | 1   | 10-45 | 64141-4    | NUT-WLF 3/8-16           | 16  |
| 10-7  | * 47-095                                    | ADJUSTER, SLAVE           | 1   | 10-46 | 64139-21   | BLT-WLF 3/8-16X3/4       | 16  |
| 10-8  | * 75-70420                                  | SEAT, MICH.SUSPENSION     | 1   | 10-47 | 64139-08   | BOLT-5/16-18X3/4 WLF     | 2   |
|       | (ITEM 8 IS AN OPTIONAL SEAT)                |                           |     | 10-48 | 64139-02   | BLT-WLF 1/4-20X1/2       | 1   |
| 10-9  | 62-849.17                                   | RIGHT MAIN FRAME          | 1   | 10-49 | 64141-2    | NUT-WLF 1/4-20           | 1   |
| 10-10 | 62-848.17                                   | LEFT MAIN FRAME           | 1   | 10-50 | 64163-02   | WASHER-.321X.593X11GA    | 4   |
| 10-11 | 62-529.7                                    | FRONT BEARING PLATE       | 1   | 10-51 | 30-082     | CLAMP, INSULATED HALF    | 1   |
| 10-12 | 62-526.7                                    | SEAT MOUNTING PLATE       | 1   | 10-52 | 11-016     | WIRECLIP                 | 1   |
| 10-13 | 60-665                                      | SHIELD, PUMP COVER, R     | 1   | 10-53 | 4134161    | TUBE AND HOSE CLAMP      | 1   |
| 10-14 | 60-663.7                                    | SHIELD, PUMP ACCESS, F    | 1   | 10-54 | 56-027     | TRIM, TRIM-LOC, 6-1/4"   | 1   |
| 10-15 | 62-863.17                                   | MID PANEL                 | 1   | 10-55 | 56-027     | TRIM, TRIM-LOC, 21-3/4"  | 1   |
| 10-16 | 62-850.7                                    | REAR FRAME                | 1   | 10-56 | 00-200     | DECAL-DO NOT TOW         | 1   |
|       | (ITEM 16 USED ON UNITS WITH KOHLER ENGINE)  |                           |     | 10-57 | 00-209     | DECAL-MADE IN THE U.S.A. | 1   |
| 10-17 | 62-839.7                                    | REAR FRAME                | 1   | 10-58 | 00-060     | DECAL-FILL, TRC FLUID    | 1   |
|       | (ITEM 17 USED ON UNITS WITH KUBOTA ENGINES) |                           |     | 10-59 | 00-106     | DECAL-GAS SYMBOL         | 1   |
| 10-18 | 14-101.7                                    | MOUNT, LOWER ENG LH       | 1   | 10-60 | 00-076     | DECAL-DIESEL SYMBOL      | 1   |
| 10-19 | 14-102.7                                    | MOUNT, LOWER ENG RH       | 1   | 10-61 | * 44-096   | RUBBER STRIP, TANK       | 1   |
| 10-20 | 62-535.17                                   | TOOL BOX                  | 1   | 10-62 | * 64-576.7 | SPACER, BATTERY          | 1   |
| 10-21 | 60-347.17                                   | BATTERY ACCESS PANEL      | 1   | 10-63 | 64152-61   | MACHINE SCREW            | 1   |
| 10-22 | 60-458.17                                   | SHIELD, TANK COVER        | 1   | 10-64 | 64025-29   | NUT                      | 1   |
| 10-23 | 64-304.7                                    | TOP BATTERY HOLDER        | 1   |       |            |                          |     |
| 10-24 | 64-303.7                                    | SIDE BATTERY HOLDER       | 1   |       |            |                          |     |
| 10-25 | 64-313.7                                    | MID PANEL ANGLE           | 1   |       |            |                          |     |
| 10-26 | 60-457.7                                    | SHIELD, GAS VALVE         | 1   |       |            |                          |     |
| 10-27 | 60-538.7                                    | SHIELD, MID-PANEL SEAT    | 1   |       |            |                          |     |
| 10-28 | 60-619.7                                    | COVER, ACCESS PANEL       | 2   |       |            |                          |     |
| 10-29 | 60-676.7                                    | SHIELD, HYD TUBE COVER    | 1   |       |            |                          |     |
| 10-30 | 62-528.7                                    | TRANSAXLE SUPPORT         | 1   |       |            |                          |     |
| 10-31 | 05-019                                      | BUMPER                    | 2   |       |            |                          |     |
| 10-32 | 99-K47                                      | BOLT, 1/4-20X3/4 BTTN HD  | 2   |       |            |                          |     |
| 10-33 | 64123-117                                   | BOLT-HEX 1/2-13X1-1/2     | 2   |       |            |                          |     |
| 10-34 | 64006-05                                    | LCKWSHR-HELICAL 1/2       | 2   |       |            |                          |     |
| 10-35 | 64163-67                                    | WASHER-.516X1X12GA        | 2   |       |            |                          |     |
| 10-36 | 64141-4                                     | NUT-WLF 3/8-16            | 4   |       |            |                          |     |
| 10-37 | 64139-24                                    | BOLT, FLANGED 3/8-16X1    | 4   |       |            |                          |     |
| 10-38 | 05-034                                      | GROMMET, 1-1/2"X2"        | 1   |       |            |                          |     |
| 10-39 | 05-032                                      | GROMMET, 11/16"X1-5/16"   | 1   |       |            |                          |     |
|       | (ITEM 39 USED ON UNITS WITH KOHLER ENGINE)  |                           |     |       |            |                          |     |

\* NOT ILLUSTRATED

FIGURE 11

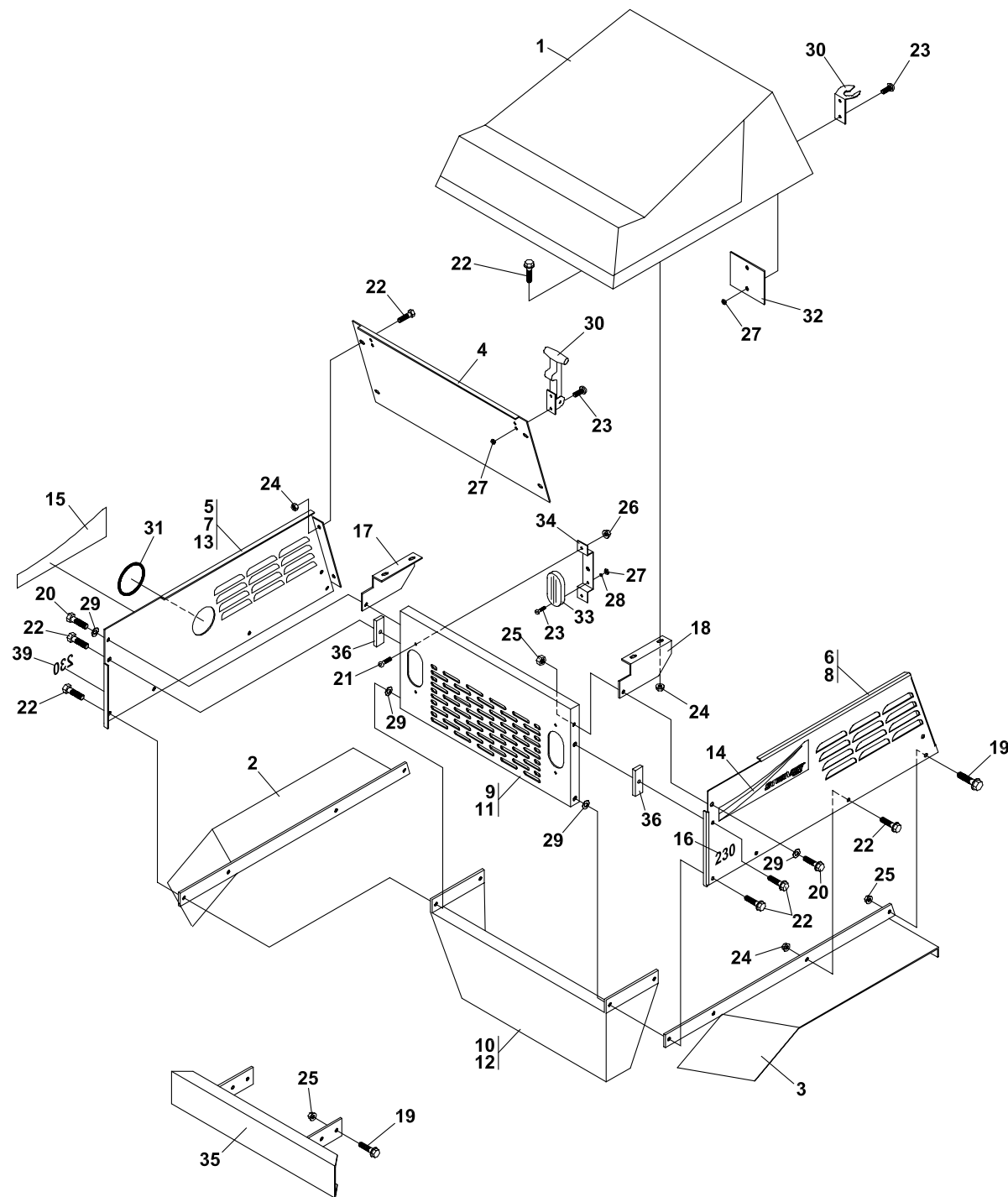


FIGURE 11

| ITEM  | PART NO.   | DESCRIPTION                                                                      | QTY | ITEM              | PART NO. | DESCRIPTION         | QTY |
|-------|------------|----------------------------------------------------------------------------------|-----|-------------------|----------|---------------------|-----|
| 11-1  | 62-534.17  | HOOD ASSEMBLY                                                                    | 1   | 11-32             | 64-323   | HOOD PLATE          | 2   |
| 11-2  | 60-655.17  | SIDE FENDER LH                                                                   | 1   | 11-33             | 33-034   | TAIL LIGHT-TWO BULB | 2   |
| 11-3  | 64-883.17  | SIDE FENDER RH                                                                   | 1   | 11-34             | 64-882.7 | BRKT-REAR LIGHT MNT | 2   |
| 11-4  | 64-880.7   | PANEL, FRONT                                                                     | 1   | 11-35             | 62-537.7 | BUMPER              | 1   |
| 11-5  | 60-688.17  | SIDE PANEL LH                                                                    | 1   | 11-36             | 64-920.7 | SPACER, REAR PANEL  | 2   |
| 11-6  | 4133640.17 | SIDE PANEL RH<br>(ITEMS 5 & 6 USED ON UNITS WITH<br>KUBOTA DIESEL ENGINE ONLY)   | 1   | * NOT ILLUSTRATED |          |                     |     |
| 11-7  | 64-947.17  | SIDE PANEL LH<br>(ITEM 7 USED ON UNITS WITH<br>KUBOTA GAS ENGINE ONLY)           | 1   |                   |          |                     |     |
| 11-8  | 64-916.17  | SIDE PANEL RH<br>(ITEM 8 USED ON UNITS WITH KOHLER<br>OR KUBOTA GAS ENGINE ONLY) | 1   |                   |          |                     |     |
| 11-9  | 64-881.7   | PANEL, REAR                                                                      | 1   |                   |          |                     |     |
| 11-10 | 64-885.17  | PANEL, LOWER REAR<br>(ITEMS 9 & 10 USED ON UNITS WITH<br>KUBOTA ENGINES ONLY)    | 1   |                   |          |                     |     |
| 11-11 | 64-918.7   | PANEL, REAR                                                                      | 1   |                   |          |                     |     |
| 11-12 | 64-919.17  | PANEL, LOWER REAR                                                                | 1   |                   |          |                     |     |
| 11-13 | 64-917.17  | SIDE PANEL LH<br>(ITEMS 9-14 USED ON UNITS WITH<br>KOHLER ENGINE ONLY)           | 1   |                   |          |                     |     |
| 11-14 | 4128741    | LABEL-230 HOOD, RH                                                               | 1   |                   |          |                     |     |
| 11-15 | 4128742    | LABEL-230 HOOD, LH                                                               | 1   |                   |          |                     |     |
| 11-16 | 4128487    | LABEL-230                                                                        | 2   |                   |          |                     |     |
| 11-17 | 64-727.7   | HINGE-HOOD, LEFT                                                                 | 1   |                   |          |                     |     |
| 11-18 | 64-726.7   | HINGE-HOOD, RIGHT                                                                | 1   |                   |          |                     |     |
| 11-19 | 64139-18   | BLT-WLF 3/8-16X1-1/4                                                             | 6   |                   |          |                     |     |
| 11-20 | 64123-16   | BLT-HEX 3/8-16X1-1/4                                                             | 2   |                   |          |                     |     |
| 11-21 | 99-K70     | BOLT-BTTN HD 1/4-20X1/2                                                          | 4   |                   |          |                     |     |
| 11-22 | 64139-08   | BOLT-WLF 5/16-18X3/4                                                             | 16  |                   |          |                     |     |
| 11-23 | 01-040     | SCREW, MACHINE 10-32X1                                                           | 12  |                   |          |                     |     |
| 11-24 | 64141-6    | NUT, 5/16-18                                                                     | 16  |                   |          |                     |     |
| 11-25 | 64141-4    | NUT-WLF 3/8-16                                                                   | 8   |                   |          |                     |     |
| 11-26 | 64141-2    | NUT-WLF 1/4-20                                                                   | 4   |                   |          |                     |     |
| 11-27 | 64025-14   | NUT-HEX #10-32                                                                   | 12  |                   |          |                     |     |
| 11-28 | 120052     | LOCKWASHER                                                                       | 4   |                   |          |                     |     |
| 11-29 | 64163-61   | WASHER .81X.406X16GA                                                             | 4   |                   |          |                     |     |
| 11-30 | 47-030     | RUBBER LATCH ASSY                                                                | 2   |                   |          |                     |     |
| 11-31 | 56-043-9   | TRIM, TRIM-LOCK, 9"                                                              | 1   |                   |          |                     |     |

FIGURE 12

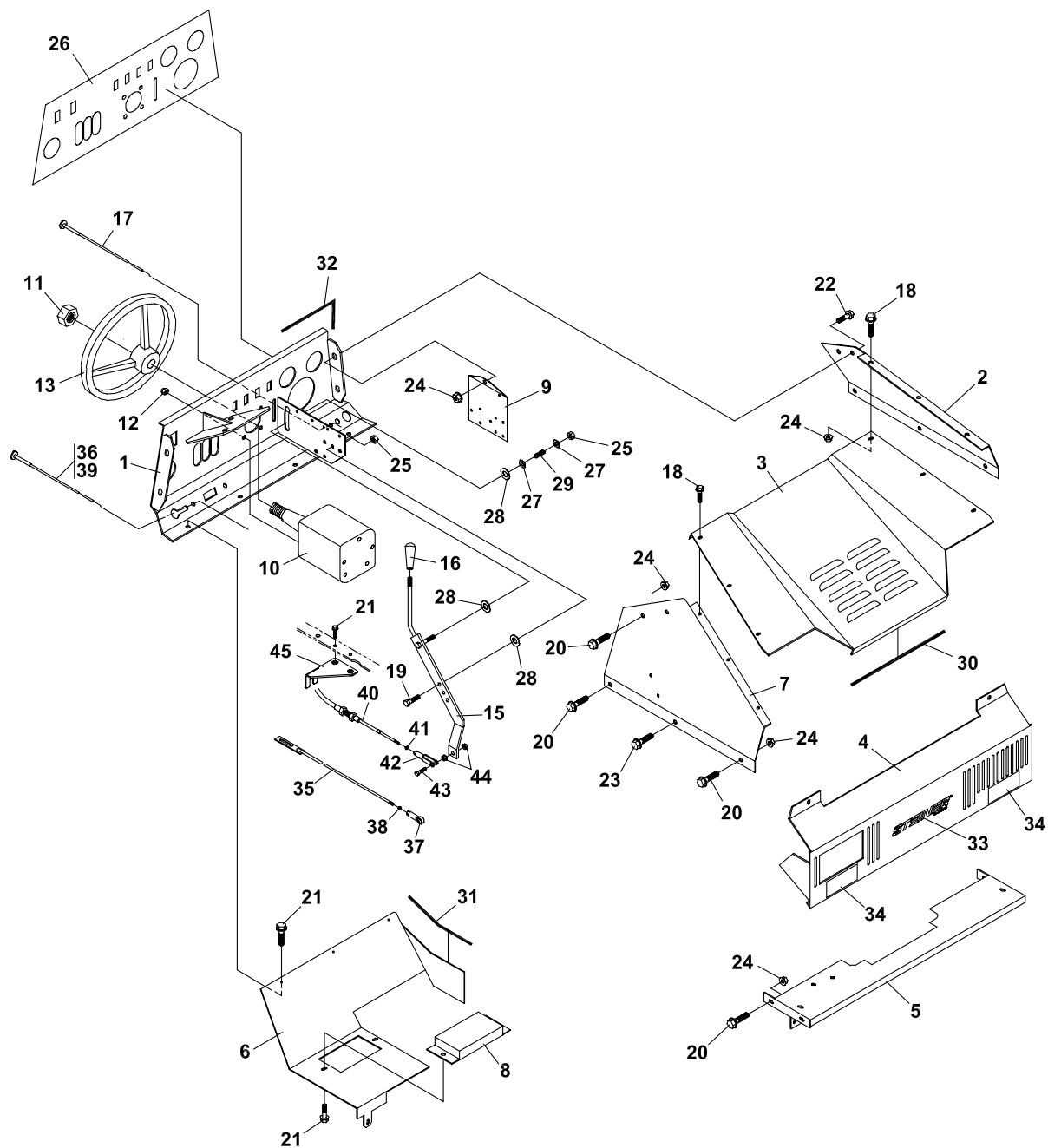
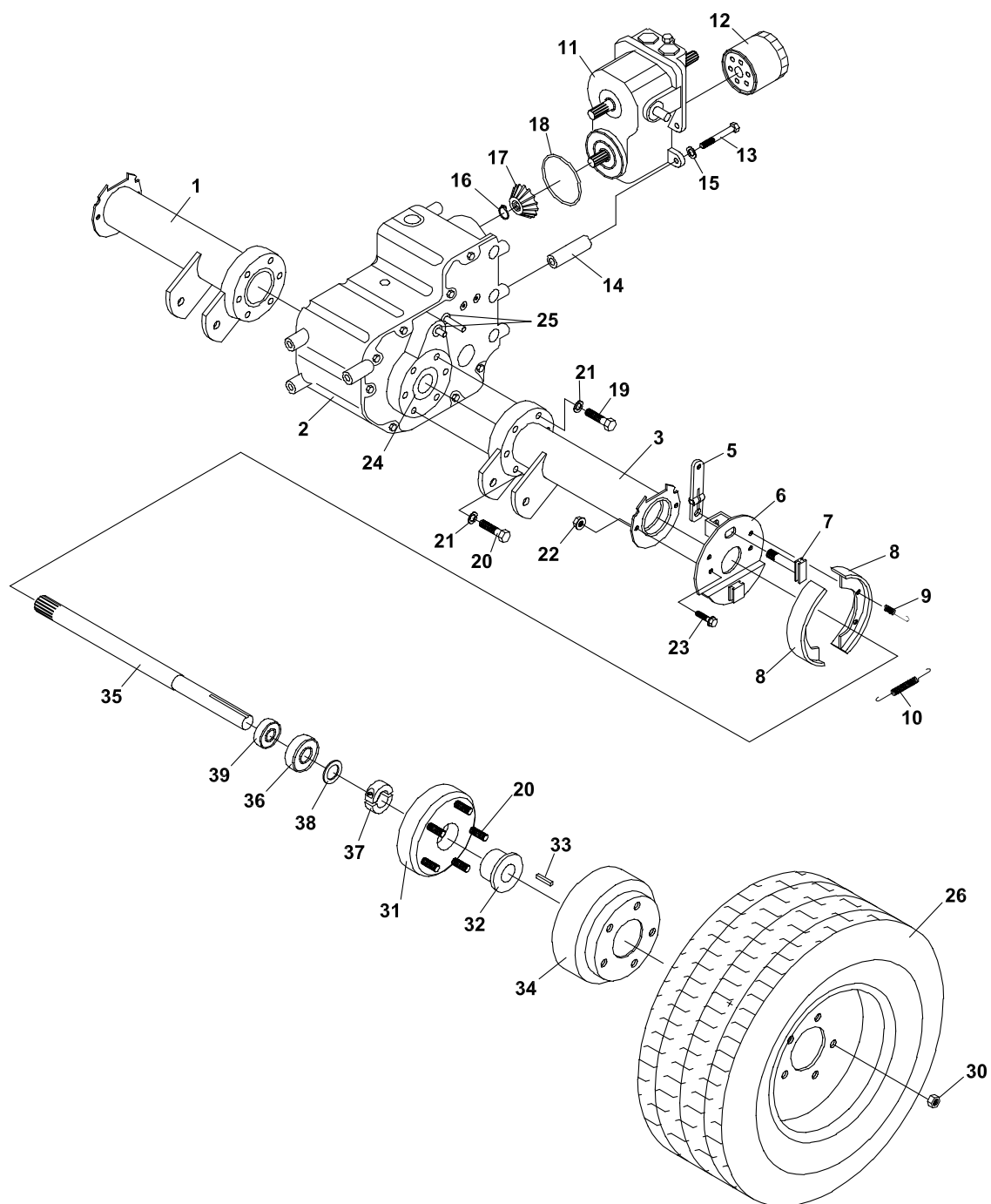


FIGURE 12

| ITEM    | PART NO.  | DESCRIPTION                                          | QTY | ITEM                                                | PART NO.  | DESCRIPTION             | QTY |
|---------|-----------|------------------------------------------------------|-----|-----------------------------------------------------|-----------|-------------------------|-----|
| 12-1    | 62-847.7  | DASH ASSEMBLY                                        | 1   | 12-39                                               | 47-160    | CABLE-CHOKE 88"         | 1   |
| 12-2    | 60-658.17 | SIDE, DASH MOUNT LH                                  | 1   | 12-40                                               | 47-159    | CABLE-THROTTLE 107"     | 1   |
| 12-3    | 60-657.17 | HOOD, FRONT                                          | 1   | 12-41                                               | 01-013    | NUT-#10-32              | 1   |
| 12-4    | 60-660.7  | PANEL, FRONT                                         | 1   | 12-42                                               | 43-Y0304F | YOKE END, 10-32X1/4 PIN | 1   |
| 12-5    | 64-912.7  | SUPPORT, PANEL                                       | 1   | 12-43                                               | 90-0412   | BOLT, 1/4-20X1-1/2 NC   | 1   |
| 12-6    | 60-664.7  | SHIELD, UNDER DASH                                   | 1   | 12-44                                               | 99-E20    | FLANGE NUT, 1/4-20 NC   | 2   |
| 12-7    | 60-677.17 | SIDE, DASH MOUNT RH                                  | 1   | 12-45                                               | 6126005   | MOUNT, THROTTLE CABLE 1 | 1   |
| 12-8    | 64-942.7  | DOGHOUSE, SHIELD                                     | 1   | (ITEMS 39-45 USED ON UNITS WITH KOHLER ENGINE ONLY) |           |                         |     |
| 12-9    | 64-922.7  | PLATE, CIRCUIT MNT                                   | 2   |                                                     |           |                         |     |
| 12-10   | 23-056    | STEERING VALVE, 5 PORT                               | 1   |                                                     |           |                         |     |
| 12-11   | 99-E11    | NUT, STEERING VALVE                                  | 1   |                                                     |           |                         |     |
| 12-12   | 99-E16    | ACORN NUT, 5/16 NF                                   | 4   | * NOT ILLUSTRATED                                   |           |                         |     |
| 12-13   | 47-103    | STEERING WHEEL                                       | 1   |                                                     |           |                         |     |
| 12-14 * | 47-104    | CAP, STEERING WHEEL                                  | 1   |                                                     |           |                         |     |
| 12-15   | 40-328.7  | THROTTLE LEVER                                       | 1   |                                                     |           |                         |     |
| 12-16   | 47-114    | KNOB, TAPERED                                        | 1   |                                                     |           |                         |     |
| 12-17   | 47-080    | CABLE, PARKING BRAKE                                 | 1   |                                                     |           |                         |     |
| 12-18   | 64139-08  | BOLT-WLF 5/16-18X3/4                                 | 8   |                                                     |           |                         |     |
| 12-19   | 64123-68  | BOLT-HEX 5/16-18X1                                   | 1   |                                                     |           |                         |     |
| 12-20   | 64139-21  | BOLT-WLF 3/8-16X3/4                                  | 15  |                                                     |           |                         |     |
| 12-21   | 64139-04  | BOLT-WLF 1/4-20X3/4                                  | 5   |                                                     |           |                         |     |
| 12-22   | 64139-24  | BOLT-WLF 3/8-16X1                                    | 2   |                                                     |           |                         |     |
| 12-23   | 99-K58    | BOLT-BTTN HD, 3/8-16X3/4                             | 1   |                                                     |           |                         |     |
| 12-24   | 64141-4   | NUT-WLF 3/8-16                                       | 14  |                                                     |           |                         |     |
| 12-25   | 64229-02  | LOCKNUT-NYLON 5/16-18                                | 2   |                                                     |           |                         |     |
| 12-26   | 00-359    | DECAL, 230 DASH                                      | 1   |                                                     |           |                         |     |
| 12-27   | 64163-04  | WASHER, 25/64X5/8X16GA                               | 2   |                                                     |           |                         |     |
| 12-28   | 64-799    | WASHER, 13/32X1-9/32                                 | 3   |                                                     |           |                         |     |
| 12-29   | 41-039    | SPRING, COMPRESSION                                  | 1   |                                                     |           |                         |     |
| 12-30   | 56-027    | TRIM, TRIM-LOC, 12-1/4"                              | 1   |                                                     |           |                         |     |
| 12-31   | 56-027    | TRIM, TRIM-LOC, 7-1/2"                               | 1   |                                                     |           |                         |     |
| 12-32   | 56-046    | TRIM, TRIM-LOC, 54"                                  | 1   |                                                     |           |                         |     |
| 12-33   | 4128372   | LABEL-STEINER DIECUT                                 | 1   |                                                     |           |                         |     |
| 12-34   | 00-025    | DECAL-KEEP HANDS AWAY                                | 2   |                                                     |           |                         |     |
| 12-35   | 42-494    | ROD, THROTTLE                                        | 1   |                                                     |           |                         |     |
| 12-36   | 47-034    | CABLE, CHOKE 94" LONG                                | 1   |                                                     |           |                         |     |
| 12-37   | 43-004A   | ROD END, 1/4"                                        | 1   |                                                     |           |                         |     |
| 12-38   | 64025-23  | NUT-HEX 1/4-28                                       | 1   |                                                     |           |                         |     |
|         |           | (ITEMS 35-38 USED ON UNITS WITH KUBOTA ENGINES ONLY) |     |                                                     |           |                         |     |

FIGURE 13



### FIGURE 13

| ITEM    | PART NO.         | DESCRIPTION                                             | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|---------|------------------|---------------------------------------------------------|-----|------|----------|-------------|-----|
| 13-1    | 50-094.7         | TUBE, TRANSAXLE RH                                      | 1   |      |          |             |     |
| 13-2    | 51-022           | TRANSAXLE, W/DIFF LOCK                                  | 1   |      |          |             |     |
| 13-3    | 50-095.7         | TUBE, TRANSAXLE LH                                      | 1   |      |          |             |     |
| 13-4 *  | 53-114           | BRAKE ASSY<br>(INCLUDES ITEMS 5-10)                     | 2   |      |          |             |     |
| 13-5    | 53-KN35488       | LEVER-COMPLETE                                          | 1   |      |          |             |     |
| 13-6    | 53-KN25764       | BACKING PLATE                                           | 1   |      |          |             |     |
| 13-7    | 53-KN35045       | CAM                                                     | 1   |      |          |             |     |
| 13-8    | 53-KN34969-02.07 | SHOE ASSEMBLY                                           | 2   |      |          |             |     |
| 13-9    | 53-KN45434       | SPRING-HOLD DOWN                                        | 2   |      |          |             |     |
| 13-10   | 53-KN45433       | SPRING-RETURN                                           | 1   |      |          |             |     |
| 13-11   | 21-076           | PUMP, SUNDSTRAND                                        | 1   |      |          |             |     |
| 13-12   | 21-077           | FILTER-PUMP                                             | 1   |      |          |             |     |
| 13-13   | 64123-139        | BOLT-HEX 3/8-16X4                                       | 4   |      |          |             |     |
| 13-14   | 64-309           | SPACER, KYB PUMP                                        | 4   |      |          |             |     |
| 13-15   | 64006-03         | WSHR, 3/8 HELICAL LOCK                                  | 4   |      |          |             |     |
| 13-16   | 04-002           | SNAP RING, 5/8                                          | 1   |      |          |             |     |
| 13-17   | 51-023           | PINION GEAR                                             | 1   |      |          |             |     |
| 13-18   | 26-003           | O-RING FOR PUMP                                         | 1   |      |          |             |     |
| 13-19   | 64123-72         | BLT-HEX 1/2-13X2-1/2<br>(ITEM 19 USED ON UPPER 3 HOLES) | 6   |      |          |             |     |
| 13-20   | 64123-71         | BLT-HEX 1/2-20X2-1/4<br>(ITEM 20 USED ON LOWER 3 HOLES) | 16  |      |          |             |     |
| 13-21   | 64006-05         | WSHR, 1/2 HELICAL LOCK                                  | 12  |      |          |             |     |
| 13-22   | 64141-4          | NUT-WLF 3/8-16                                          | 4   |      |          |             |     |
| 13-23   | 64139-21         | BLT-WLF 3/8-16X3/4                                      | 4   |      |          |             |     |
| 13-24   | 89-006           | SEAL-AXLE                                               | 2   |      |          |             |     |
| 13-25   | 89-007           | SEAL-SHIFT ROD                                          | 2   |      |          |             |     |
| 13-26   | 53-173           | WHEEL ASSY 24x12x12<br>(INCLUDES ITEMS 27 & 28)         | 2   |      |          |             |     |
| 13-27 * | 53-174           | RIM-12X9.5                                              | 1   |      |          |             |     |
| 13-28 * | 53-202           | TUBE-26X12X12                                           | 1   |      |          |             |     |
| 13-29 * | 75-70465         | WEIGHTS-WHEEL (2)                                       | 1   |      |          |             |     |
| 13-30   | 64187-03         | WHEEL NUT 1/2-20                                        | 10  |      |          |             |     |
| 13-31   | 53-059           | HUB, 5-BOLT, 1/2" HOLES<br>(INCLUDES QTY 5 OF ITEM 20)  | 2   |      |          |             |     |
| 13-32   | 4133678          | BUSHING, AXLE HUB - 230                                 | 2   |      |          |             |     |
| 13-33   | 85-K0510         | KEY, 5/16 X 1-1/4                                       | 2   |      |          |             |     |
| 13-34   | 50-096.7         | BRAKE DRUM                                              | 2   |      |          |             |     |
| 13-35   | 4133671          | AXLE, 230 DRIVE                                         | 2   |      |          |             |     |
| 13-36   | 4133672          | BEARING, AXLE 230                                       | 2   |      |          |             |     |
| 13-37   | 4133682          | COLLAR, SET - 230 AXLE                                  | 2   |      |          |             |     |
| 13-38   | 4133681          | SPACER, AXLE COLLAR                                     | 2   |      |          |             |     |
| 13-39   | 4133683          | SEAL, 230 DRIVE AXLE                                    | 2   |      |          |             |     |

**\*NOT ILLUSTRATED**

FIGURE 14

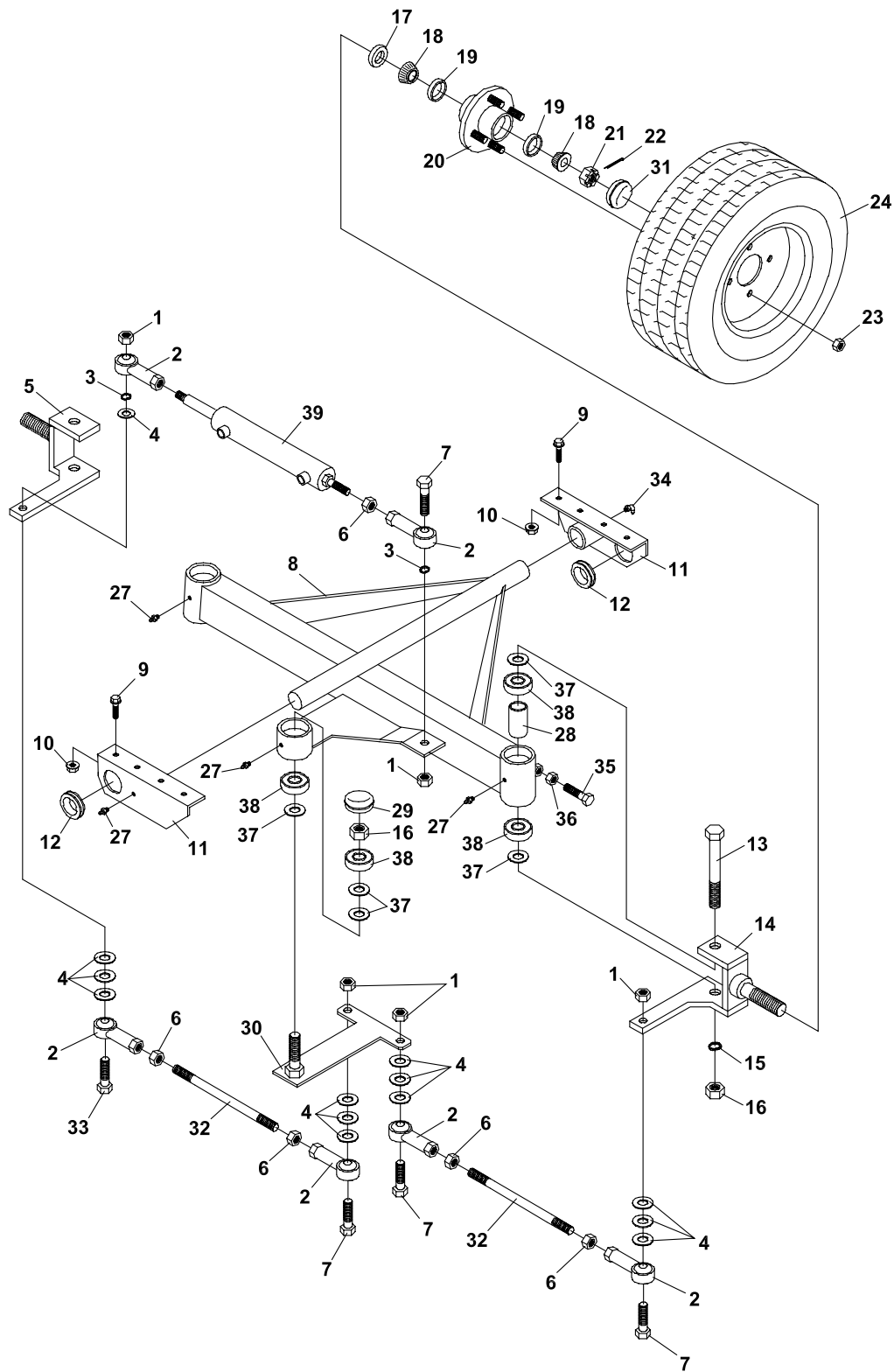


FIGURE 14

| ITEM    | PART NO.  | DESCRIPTION                                                                                                           | QTY | ITEM              | PART NO.    | DESCRIPTION               | QTY |
|---------|-----------|-----------------------------------------------------------------------------------------------------------------------|-----|-------------------|-------------|---------------------------|-----|
| 14-1    | 64151-28  | NUT-HEX 5/8-18 CNTRLCK                                                                                                | 5   | 14-31             | 53-068      | HUB CAP                   | 2   |
| 14-2    | 4132296   | ROD END - 5/8                                                                                                         | 6   | 14-32             | 42-319      | TIE ROD                   | 2   |
| 14-3    | 64006-04  | LOCKWSHR-HELICAL 5/8                                                                                                  | 2   | 14-33             | 64123-133   | BOLT-HEX 5/8-18X3         | 1   |
| 14-4    | 64163-16  | WASHER-41/64x1-3/8x12GA                                                                                               | 13  | 14-34             | 29-014      | GREASE FITTING, 1/4-28 90 | 1   |
| 14-5    | 50-045.7  | SPINDLE-STEERING LEFT                                                                                                 | 1   | 14-35             | 64123-109   | BOLT-HEX 5/8-11X1-1/2     | 1   |
| 14-6    | 99-E11    | NUT, STEERING VALVE                                                                                                   | 5   | 14-36             | 99-E06      | JAM NUT, 5/8-11 NC        | 1   |
| 14-7    | 91-1016   | BOLT-HEX 5/8-18X2                                                                                                     | 4   | 14-37             | 64163-06    | WASHER, .768X1.25X14G     | 7   |
| 14-8    | 62-531.7  | AXLE-REAR STEERING                                                                                                    | 1   | 14-38             | 55-Z9504AB  | BALL BEARING              | 6   |
| 14-9    | 64139-24  | BOLT, FLANGE 3/8-16X1<br>(QTY 8 USED ON UNITS WITH<br>KUBOTA ENGINES)<br>(QTY 6 USED ON UNITS WITH<br>KOHLER ENGINES) |     | 14-39             | 4132321     | STEERING CYLINDER, 2X4    | 1   |
|         |           |                                                                                                                       |     | 14-40 *           | 21-0A002813 | KIT-SEAL, CYLINDER        | 1   |
|         |           |                                                                                                                       |     | * NOT ILLUSTRATED |             |                           |     |
| 14-10   | 64141-4   | NUT-WLF 3/8-16                                                                                                        | 4   |                   |             |                           |     |
| 14-11   | 62-864.7  | PLATE-AXLE ANCHOR                                                                                                     | 2   |                   |             |                           |     |
| 14-12   | 05-034    | GROMMET<br>(QTY 1 USED ON UNITS WITH<br>KUBOTA ENGINES)<br>(QTY 2 USED ON UNITS WITH<br>KOHLER ENGINES)               |     |                   |             |                           |     |
| 14-13   | 91-1244   | BOLT-HEX 3/4-16X5-1/2                                                                                                 | 2   |                   |             |                           |     |
| 14-14   | 50-046.7  | SPINDLE-STEERING RIGHT                                                                                                | 1   |                   |             |                           |     |
| 14-15   | 96-12     | LOCKWASHER, 3/4                                                                                                       | 2   |                   |             |                           |     |
| 14-16   | 64025-06  | NUT-HEX 3/4-16 2A                                                                                                     | 3   |                   |             |                           |     |
| 14-17   | 89-010    | OIL SEAL                                                                                                              | 2   |                   |             |                           |     |
| 14-18   | 55-L44643 | BEARING, TAPER SINGLE                                                                                                 | 4   |                   |             |                           |     |
| 14-19   | 55-L44610 | BEARING, CUP                                                                                                          | 4   |                   |             |                           |     |
| 14-20   | 50-086.7  | HUB, 4-BOLT, REAR AXLE                                                                                                | 2   |                   |             |                           |     |
| 14-21   | 99-E19    | CASTLE NUT, 1-14 NF                                                                                                   | 2   |                   |             |                           |     |
| 14-22   | 02-CP0412 | COTTER PIN, 1/8X1-1/2                                                                                                 | 2   |                   |             |                           |     |
| 14-23   | 64187-03  | WHEEL NUT 1/2-20                                                                                                      | 8   |                   |             |                           |     |
| 14-24   | 53-065    | WHEEL ASSY, 18X8.50X8<br>(INCLUDES ITEMS 25 & 26)                                                                     | 2   |                   |             |                           |     |
| 14-25 * | 53-054    | TIRE, 18X8.50X8, RIBBED                                                                                               | 1   |                   |             |                           |     |
| 14-26 * | 53-055    | RIM, 8X7, WHITE                                                                                                       | 1   |                   |             |                           |     |
| 14-27   | 29-010    | GREASE FITTING, 1/4-28                                                                                                | 4   |                   |             |                           |     |
| 14-28   | 64-302    | SPACER-KINGPIN BEARING                                                                                                | 2   |                   |             |                           |     |
| 14-29   | 53-060    | CAP-DUST                                                                                                              | 1   |                   |             |                           |     |
| 14-30   | 40-204.7  | CENTER PIVOT-STEERING                                                                                                 | 1   |                   |             |                           |     |

FIGURE 15

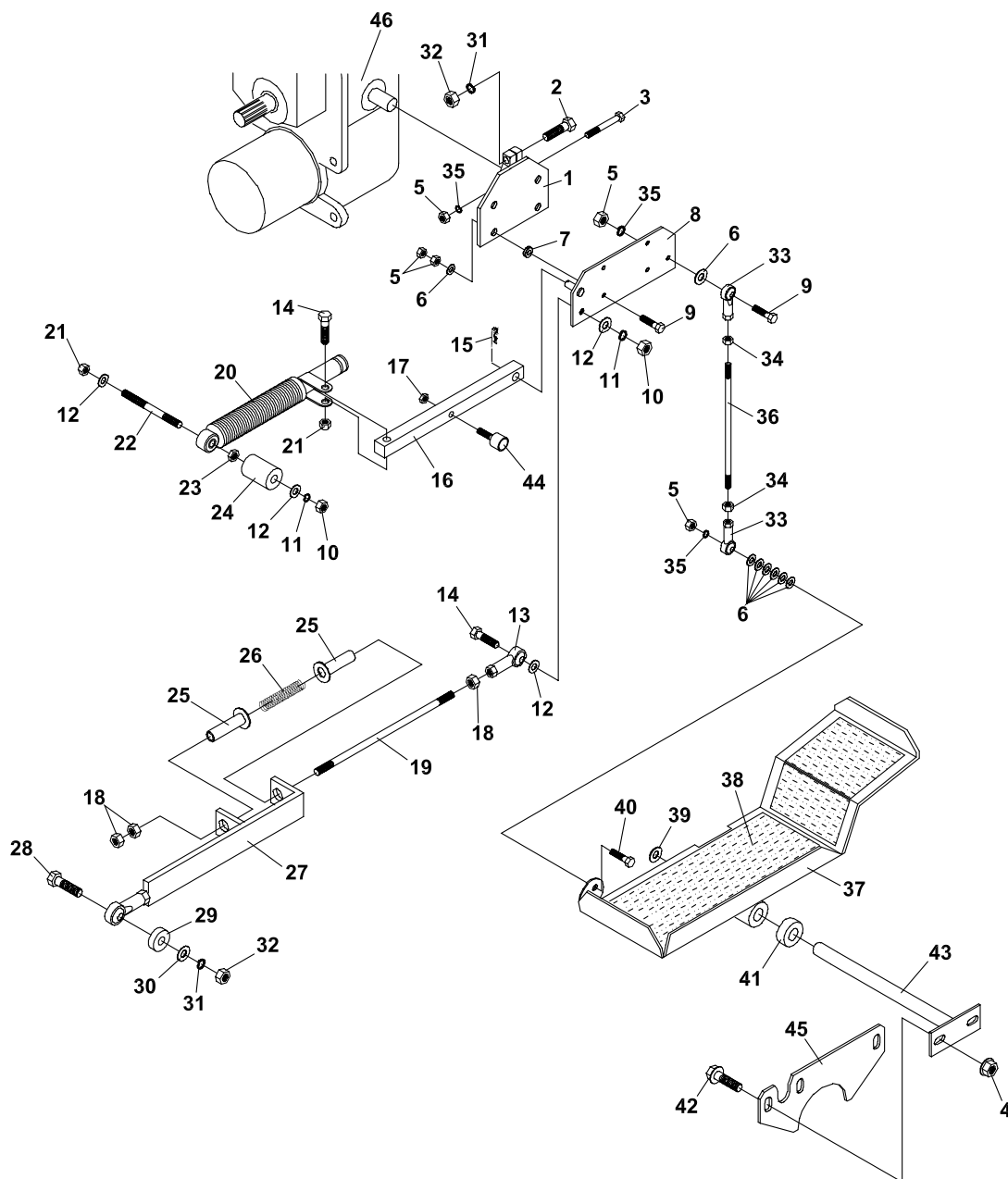


FIGURE 15

| ITEM  | PART NO.  | DESCRIPTION             | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|-------|-----------|-------------------------|-----|------|----------|-------------|-----|
| 15-1  | 40-202.7  | LEVER-PUMP SHAFT CLMP   | 1   |      |          |             |     |
| 15-2  | 64123-100 | BOLT-HEX 3/8-16X2-1/4   | 1   |      |          |             |     |
| 15-3  | 64123-60  | BOLT-HEX 1/4-20X2       | 1   |      |          |             |     |
| 15-4  | 64141-4   | NUT-WLF 3/8-16          | 2   |      |          |             |     |
| 15-5  | 64025-01  | NUT-HEX 1/4-20          | 11  |      |          |             |     |
| 15-6  | 64163-86  | WASHER .265X.625X.125   | 8   |      |          |             |     |
| 15-7  | 05-025    | GROMMET, 1/4 IDX5/8 OD  | 4   |      |          |             |     |
| 15-8  | 40-203.7  | LEVER, PUMP CONTROL     | 1   |      |          |             |     |
| 15-9  | 64123-114 | BOLT-HEX 1/4-20X1       | 5   |      |          |             |     |
| 15-10 | 64025-02  | NUT-HEX 5/16-18         | 2   |      |          |             |     |
| 15-11 | 64006-02  | LCKWSHR-HELICAL 5/16    | 2   |      |          |             |     |
| 15-12 | 64163-04  | WASHER 25/64X5/8X16GA   | 4   |      |          |             |     |
| 15-13 | 43-005A   | ROD END, 5/16"          | 1   |      |          |             |     |
| 15-14 | 64123-47  | BLT-HEX 5/16-18X1-1/4   | 2   |      |          |             |     |
| 15-15 | 02-PP0313 | PIN, 3/16 x 1.5/8       | 1   |      |          |             |     |
| 15-16 | 64-1011.7 | SHOCK MOUNT             | 1   |      |          |             |     |
| 15-17 | F1002     | NUT, JAM 1/4-20 UNC     | 1   |      |          |             |     |
| 15-18 | 64025-03  | NUT-HEX 5/16-24         | 3   |      |          |             |     |
| 15-19 | 42-317    | NEUTRAL LINK            | 1   |      |          |             |     |
| 15-20 | 47-128    | STABILIZER, SHOCK       | 1   |      |          |             |     |
| 15-21 | 64229-02  | LOCKNUT-NYLON 5/16-18   | 2   |      |          |             |     |
| 15-22 | 64-1009   | SHOCK MOUNT             | 1   |      |          |             |     |
| 15-23 | 99-E52    | JAM NUT, 5/16-18 NC     | 1   |      |          |             |     |
| 15-24 | 64-1010   | SPACER                  | 1   |      |          |             |     |
| 15-25 | 42-465    | SLIDE, NEUTRAL LOCATOR  | 2   |      |          |             |     |
| 15-26 | 41-067    | SPRING, 6-3/4X.568X.071 | 1   |      |          |             |     |
| 15-27 | 42-316.7  | LOCATOR, NEUTRAL        | 1   |      |          |             |     |
| 15-28 | 64123-70  | BOLT-HEX 3/8-16X1-1/2   | 1   |      |          |             |     |
| 15-29 | 64-1008   | SPACER-NEUTRAL BRKT     | 1   |      |          |             |     |
| 15-30 | 64163-61  | WASHER .81X.406X16GA    | 1   |      |          |             |     |
| 15-31 | 64006-03  | LCKWSHR-HELICAL 3/8     | 2   |      |          |             |     |
| 15-32 | 64025-05  | NUT-HEX 3/8-16          | 2   |      |          |             |     |
| 15-33 | 43-004A   | ROD END, 1/4"           | 2   |      |          |             |     |
| 15-34 | 64025-23  | NUT-HEX 1/4-28          | 2   |      |          |             |     |
| 15-35 | 64006-01  | LOCKWASHER-1/4 HELICAL  | 3   |      |          |             |     |
| 15-36 | 42-495    | ROD, JACKSHAFT          | 1   |      |          |             |     |
| 15-37 | 40-327.7  | PEDAL, FWD-REV          | 1   |      |          |             |     |
| 15-38 | 56-040    | FLEXTREAD, 4"X18"       | 1   |      |          |             |     |
| 15-39 | 64163-67  | WASHER-.516X1X12GA      | 1   |      |          |             |     |
| 15-40 | 64123-07  | BOLT-HEX 1/4-20X1-1/2   | 1   |      |          |             |     |
| 15-41 | 85-SC08   | SET COLLAR              | 1   |      |          |             |     |
| 15-42 | 64139-24  | BOLT, FLANGE 3/8-16X1   | 2   |      |          |             |     |
| 15-43 | 42-315.7  | PIN, FWD-REV PEDAL      | 1   |      |          |             |     |
| 15-44 | 55-116    | BEARING, .25 STUDX.625  | 1   |      |          |             |     |
| 15-45 | 64-864.7  | SUPPORT, AXLE           | 1   |      |          |             |     |
| 15-46 | 21-076    | PUMP, SUNDSTRAND        | 1   |      |          |             |     |

\* NOT ILLUSTRATED

FIGURE 16

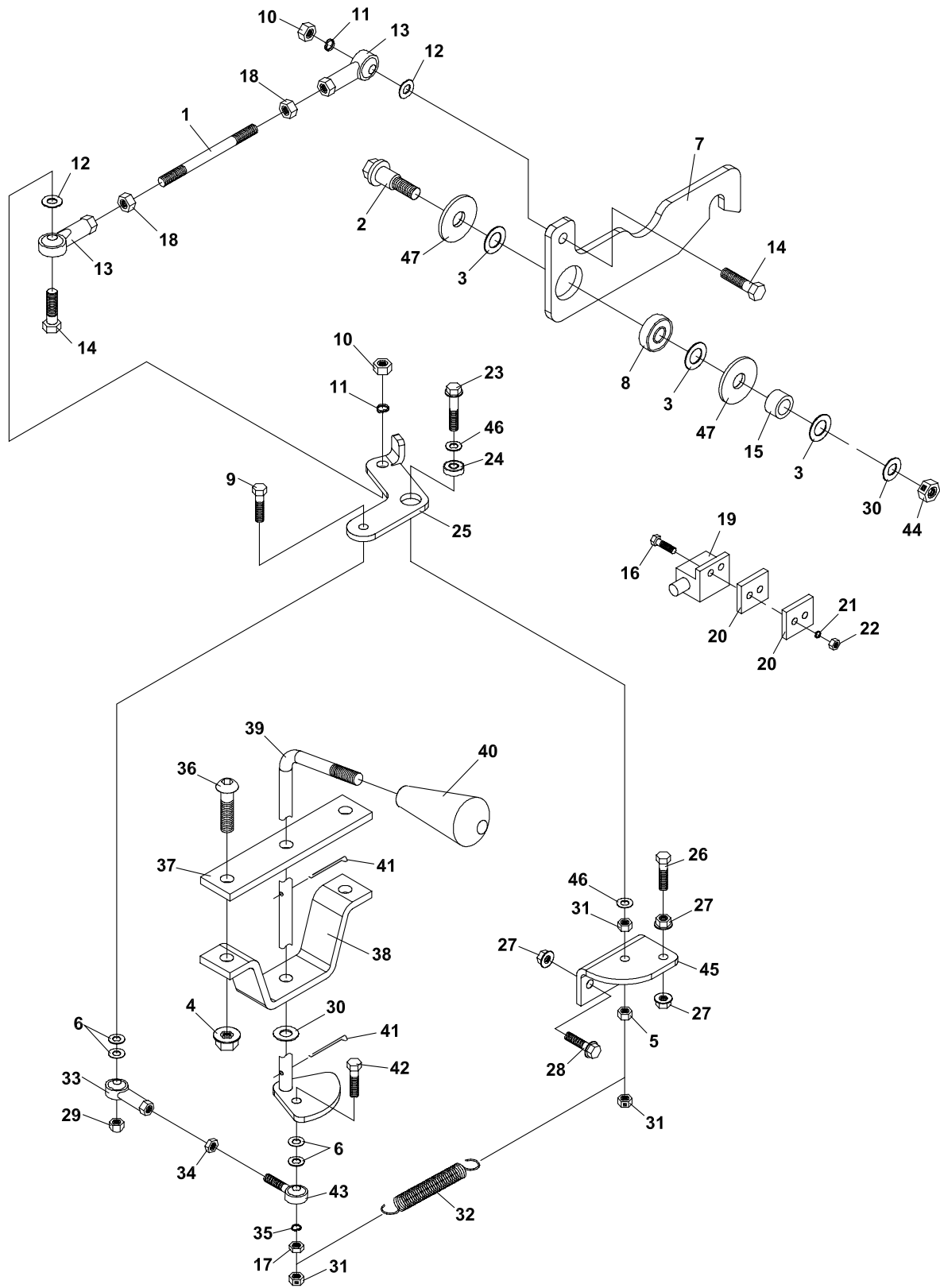


FIGURE 16

| ITEM  | PART NO.  | DESCRIPTION               | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|-------|-----------|---------------------------|-----|------|----------|-------------|-----|
| 16-1  | 64-1017   | CONNECTING LINK           | 1   |      |          |             |     |
| 16-2  | 99-K102   | BOLT, SHOULDER 1/2X1      | 1   |      |          |             |     |
| 16-3  | F5054     | WASHER, 1/2X7/8X.032      | 3   |      |          |             |     |
| 16-4  | 64141-4   | NUT-WLF 3/8-16            | 2   |      |          |             |     |
| 16-5  | 64025-01  | NUT-HEX 1/4-20            | 1   |      |          |             |     |
| 16-6  | 64163-86  | WASHER .265X.625X.125     | 4   |      |          |             |     |
| 16-7  | 64-1019.7 | LATCH                     | 1   |      |          |             |     |
| 16-8  | B2010     | BEARING, BALL 1/2"ID      | 1   |      |          |             |     |
| 16-9  | 64123-114 | BOLT-HEX 1/4-20X1         | 1   |      |          |             |     |
| 16-10 | 64025-02  | NUT-HEX 5/16-18           | 2   |      |          |             |     |
| 16-11 | 64006-02  | LCKWSHR-HELICAL 5/16      | 2   |      |          |             |     |
| 16-12 | 64163-04  | WASHER 25/64X5/8X16GA     | 2   |      |          |             |     |
| 16-13 | 43-005A   | ROD END, 5/16"            | 2   |      |          |             |     |
| 16-14 | 64123-47  | BLT-HEX 5/16-18X1-1/4     | 2   |      |          |             |     |
| 16-15 | 64-1018   | SPACER                    | 1   |      |          |             |     |
| 16-16 | 01-040    | SCREW, MACHINE 10-32X12   |     |      |          |             |     |
| 16-17 | F1002     | NUT, JAM 1/4-20 UNC       | 1   |      |          |             |     |
| 16-18 | 64025-03  | NUT-HEX 5/16-24           | 2   |      |          |             |     |
| 16-19 | 31-070    | SWITCH, N.O. PLUNGER      | 1   |      |          |             |     |
| 16-20 | 64-1007.7 | SPACER-SWITCH             | 2   |      |          |             |     |
| 16-21 | 01-018    | WASHER, LOCK #10          | 2   |      |          |             |     |
| 16-22 | 01-013    | NUT-HEX #10-32            | 2   |      |          |             |     |
| 16-23 | 99-K103   | BOLT, FLANGE 1/4-20X1-1/2 | 1   |      |          |             |     |
| 16-24 | 55-115    | BEARING, .25              | 1   |      |          |             |     |
| 16-25 | 64-1016.7 | PIVOT ARM                 | 1   |      |          |             |     |
| 16-26 | 64123-89  | BOLT-HEX 1/4-20X3/4       | 1   |      |          |             |     |
| 16-27 | 64141-2   | NUT-WLF 1/4-20            | 4   |      |          |             |     |
| 16-28 | 64139-04  | BOLT-WLF 1/4-20X3/4       | 2   |      |          |             |     |
| 16-29 | 64229-01  | LOCKNUT-1/4-20 NYLON      | 1   |      |          |             |     |
| 16-30 | 64163-61  | WASHER .81X.406X16GA      | 2   |      |          |             |     |
| 16-31 | 64151-17  | LOCKNUT-HEX 1/4-20        | 3   |      |          |             |     |
| 16-32 | 41-013    | SPRING                    | 1   |      |          |             |     |
| 16-33 | 43-004A   | ROD END, 1/4"             | 1   |      |          |             |     |
| 16-34 | 64025-23  | NUT-HEX 1/4-28            | 1   |      |          |             |     |
| 16-35 | 64006-01  | LOCKWASHER-1/4 HELICAL    | 1   |      |          |             |     |
| 16-36 | 99-17     | BOLT-BTTN HD, 3/8-16X1    | 2   |      |          |             |     |
| 16-37 | 64-1012.7 | MOUNT, TOP HANDLE         | 1   |      |          |             |     |
| 16-38 | 64-1013.7 | MOUNT, LOWER HANDLE       | 1   |      |          |             |     |
| 16-39 | 64-1014.7 | PEDAL LOCK HANDLE         | 1   |      |          |             |     |
| 16-40 | 47-114    | KNOB, TAPERED 3/8-16      | 1   |      |          |             |     |
| 16-41 | 02-CP0306 | COTTER PIN, 3/32X3/4      | 2   |      |          |             |     |
| 16-42 | 64123-80  | BLT-HEX 1/4-20X1-1/4      | 1   |      |          |             |     |
| 16-43 | 43-004MA  | ROD END, 1/4"             | 1   |      |          |             |     |
| 16-44 | 64151-18  | LOCKNUT-HEX 3/8-16        | 1   |      |          |             |     |
| 16-45 | 64-1015.7 | PIVOT MOUNT               | 1   |      |          |             |     |
| 16-46 | 453023    | FLATWASHER, 1/4           | 2   |      |          |             |     |
| 16-47 | 99-B63    | WASHER, 1/2X1-1/2 OD      | 2   |      |          |             |     |

\* NOT ILLUSTRATED

**FIGURE 17**

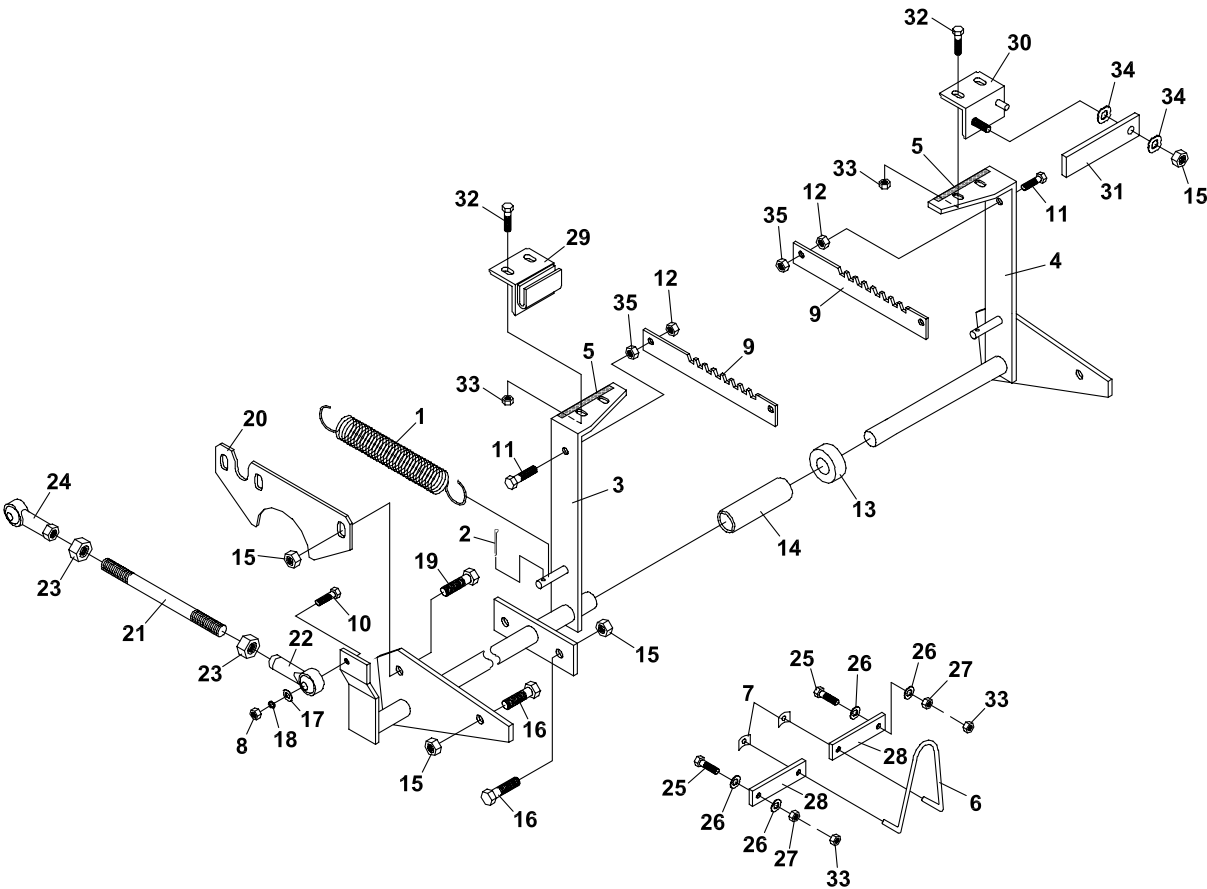


FIGURE 17

| ITEM  | PART NO.  | DESCRIPTION             | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|-------|-----------|-------------------------|-----|------|----------|-------------|-----|
| 17-1  | 41-048    | SPRING, EXT 1.0 X 4.15  | 2   |      |          |             |     |
| 17-2  | 02-CP0508 | COTTER PIN, 5/32 X 1    | 2   |      |          |             |     |
| 17-3  | 40-212.7  | PEDAL-RIGHT BRAKE       | 1   |      |          |             |     |
| 17-4  | 40-211.7  | PEDAL-LEFT BRAKE        | 1   |      |          |             |     |
| 17-5  | 44-146    | TREAD-BRAKE PEDAL       | 2   |      |          |             |     |
| 17-6  | 64-820    | LINK, BRAKE HOOK UP     | 1   |      |          |             |     |
| 17-7  | 04-SN03   | SPEED NUT, 3/16         | 2   |      |          |             |     |
| 17-8  | 64025-01  | NUT-HEX 1/4-20          | 2   |      |          |             |     |
| 17-9  | 47-033.7  | LEVER, BRAKE LOCK       | 2   |      |          |             |     |
| 17-10 | 64123-07  | BOLT-HEX 1/4-20X1-1/2   | 2   |      |          |             |     |
| 17-11 | 64123-47  | BOLT-HEX 5/16-18X1-1/4  | 2   |      |          |             |     |
| 17-12 | 64229-02  | LOCKNUT-NYLON 5/16-18   | 2   |      |          |             |     |
| 17-13 | 85-SC12   | SET COLLAR              | 1   |      |          |             |     |
| 17-14 | 64-306    | SPACER                  | 1   |      |          |             |     |
| 17-15 | 64141-4   | NUT-WLF 3/8-16          | 7   |      |          |             |     |
| 17-16 | 64139-21  | BOLT-WLF 3/8-16X3/4     | 4   |      |          |             |     |
| 17-17 | 453023    | FLATWASHER, 1/4         | 2   |      |          |             |     |
| 17-18 | 64006-01  | LOCKWASHER, 1/4         | 2   |      |          |             |     |
| 17-19 | 64139-24  | BOLT, FLANGE 3/8-16X1   | 2   |      |          |             |     |
| 17-20 | 64-864.7  | SUPPORT, AXLE           | 2   |      |          |             |     |
| 17-21 | 42-485    | ROD-BRAKE LINK          | 2   |      |          |             |     |
| 17-22 | 43-011    | ROD END-SPHERICAL 3/8"  | 2   |      |          |             |     |
| 17-23 | 64025-04  | NUT-HEX 3/8-24          | 4   |      |          |             |     |
| 17-24 | 43-006A   | ROD END 3/8"            | 2   |      |          |             |     |
| 17-25 | 64123-80  | BOLT-HEX 1/4-20X1-1/4   | 2   |      |          |             |     |
| 17-26 | 64163-86  | WSHR-FLAT .265X.625X.12 | 4   |      |          |             |     |
| 17-27 | 64025-01  | NUT-HEX 1/4-20          | 2   |      |          |             |     |
| 17-28 | 64-819.7  | STRAP, BRAKE LOCK ENG   | 2   |      |          |             |     |
| 17-29 | 62-819.7  | BRAKE PEDAL LOCK-RIGHT  | 1   |      |          |             |     |
| 17-30 | 62-820.7  | BRAKE PEDAL LOCK-LEFT   | 1   |      |          |             |     |
| 17-31 | 64-921.7  | STRAP, BRAKE PEDAL      | 1   |      |          |             |     |
| 17-32 | 64139-04  | BOLT-WLF 1/4-20X3/4     | 4   |      |          |             |     |
| 17-33 | 64141-2   | NUT-WLF 1/4-20          | 6   |      |          |             |     |
| 17-34 | 64163-02  | WASHER-.328X.608X11GA   | 2   |      |          |             |     |
| 17-35 | 64025-02  | NUT-HEX 5/16-18         | 2   |      |          |             |     |

\*NOT ILLUSTRATED

FIGURE 18

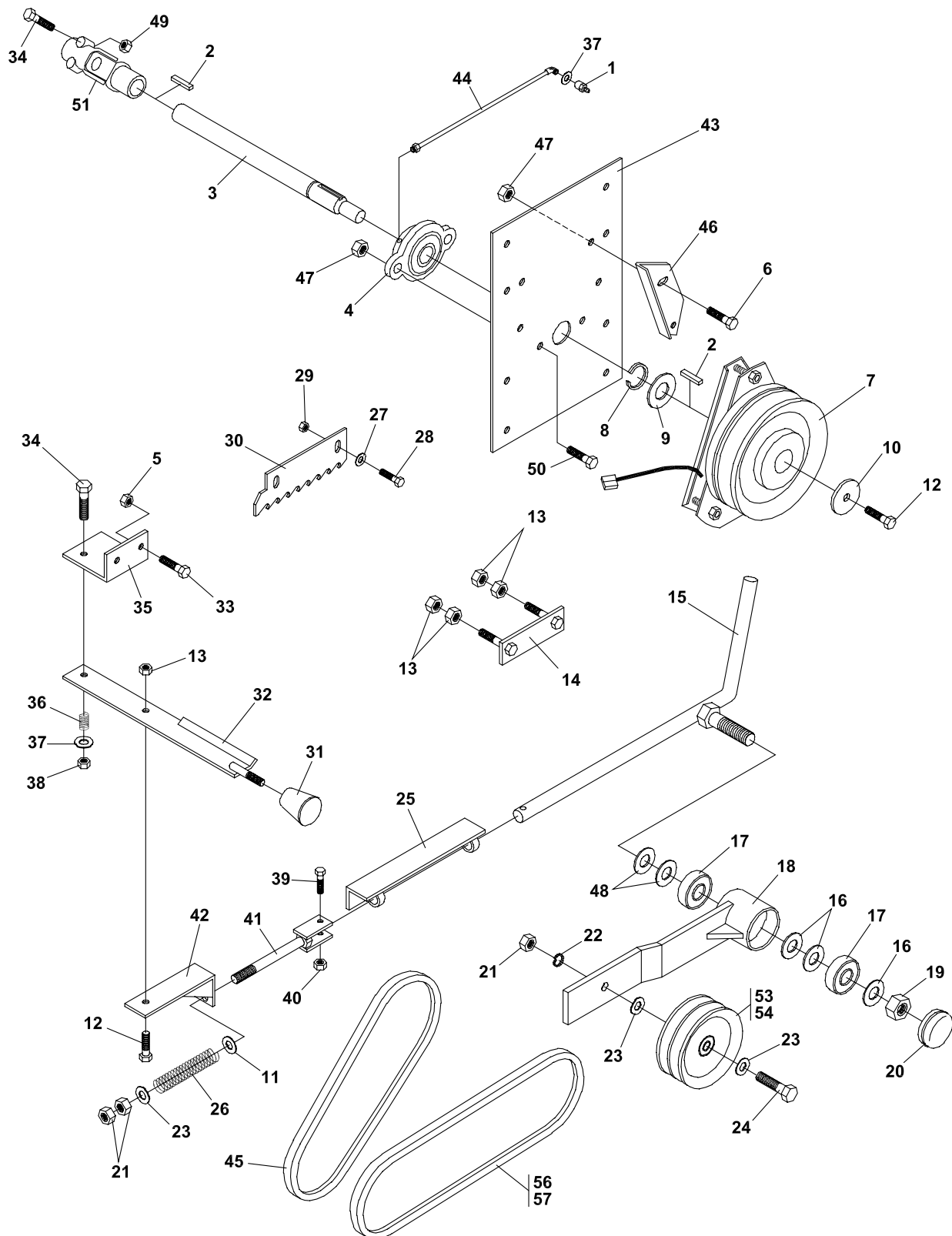


FIGURE 18

| ITEM  | PART NO.   | DESCRIPTION             | QTY | ITEM    | PART NO. | DESCRIPTION                                              | QTY |
|-------|------------|-------------------------|-----|---------|----------|----------------------------------------------------------|-----|
| 18-1  | 29-114     | FITTING, GREASE 1/8 FPT | 1   | 18-44   | 20-126   | HOSE, GREASE 1/4 X 13"                                   | 1   |
| 18-2  | 64164-12   | KEY-1/4X1/4X1 SQ END    | 2   | 18-45   | 81-B033  | V BELT B033                                              | 1   |
| 18-3  | 80-242     | PTO SHAFT               | 1   | 18-46   | 64-664.7 | BRKT-CLUTCH ANCHOR                                       | 1   |
| 18-4  | 55-FB23016 | FLANGE BEARING          | 1   | 18-47   | 64141-4  | NUT-WLF 3/8-16                                           | 4   |
| 18-5  | 64141-6    | NUT-HEX, 5/16-18        | 2   | 18-48   | 99-B34   | WASHER, 3/4ID, 18GA                                      | 2   |
| 18-6  | 64139-21   | BLT-WLF 3/8-16X3/4      | 2   | 18-49   | 64151-18 | LOCKNUT, CENTER 3/8-16                                   | 2   |
| 18-7  | 35-070     | CLUTCH-ELECTRIC         | 1   | 18-50   | 64123-50 | BOLT-HEX 3/8-16X1                                        | 2   |
| 18-8  | 04-011     | SNAP RING, 1"X1/8"      | 1   | 18-51   | 87-228   | U-JOINT                                                  | 1   |
| 18-9  | 64-691     | SPACER-CLUTCH           | 1   | 18-52 * | 87-159   | KIT-CROSS                                                | 1   |
| 18-10 | 64-692     | WASHER                  | 1   | 18-53   | 83-052   | PULLEY-2 GROOVE IDLER                                    | 1   |
| 18-11 | 64163-67   | WASHER .516X1X12GA      | 1   |         |          | (ITEM 53 USED ON UNITS WITH KUBOTA DIESEL ENGINE)        |     |
| 18-12 | 64139-24   | BOLT-FLANGED 3/8-16X1   | 2   |         |          |                                                          |     |
| 18-13 | 64025-05   | NUT-HEX 3/8-16          | 5   | 18-54   | 83-026   | PULLEY-2 GROOVE IDLER                                    | 1   |
| 18-14 | 64-421.7   | CLIP, FRONT SLIDER      | 1   |         |          | (ITEM 54 USED ON UNITS WITH KUBOTA OR KOHLER GAS ENGINE) |     |
| 18-15 | 40-325.7   | SLIDE, FRONT IDLER      | 1   |         |          |                                                          |     |
| 18-16 | 64163-06   | WASHER .756X1.25X14G    | 3   | 18-55 * | 55-6204  | BEARING-REPL FOR 83-026                                  | 2   |
| 18-17 | 55-Z9504AB | BALL BEARING            | 2   | 18-56   | 81-A040  | BELT-A40                                                 | 1   |
| 18-18 | 40-281.7   | IDLER ARM, FRONT        | 1   |         |          | (ITEM 54 USED ON UNITS WITH KUBOTA OR KOHLER GAS ENGINE) |     |
| 18-19 | 99-AC12    | LOCKNUT, 3/4 NF         | 1   |         |          |                                                          |     |
| 18-20 | 53-060     | DUST CAP                | 1   | 18-57   | 81-B041  | BELT-B41                                                 | 1   |
| 18-21 | 64025-09   | HEX, NUT 1/2-13         | 3   |         |          | (ITEM 57 USED ON UNITS WITH KUBOTA DIESEL ENGINE)        |     |
| 18-22 | 64006-05   | LOCKWASHER, 1/2         | 1   |         |          |                                                          |     |
| 18-23 | 64163-67   | WASHER .516X1X12GA      | 3   |         |          |                                                          |     |
| 18-24 | 90-0828    | BOLT-HEX 1/2-13X3-1/2   | 1   |         |          |                                                          |     |
| 18-25 | 40-280.7   | FRAME, FRONT IDLER      | 1   |         |          |                                                          |     |
| 18-26 | 41-058     | SPRING-COMP 0.968X4.00  | 1   |         |          |                                                          |     |
| 18-27 | 64163-86   | WASHER-FLAT 1/4"        | 2   |         |          |                                                          |     |
| 18-28 | 64139-04   | BOLT-WLF 1/4-20X3/4     | 2   |         |          |                                                          |     |
| 18-29 | 64141-2    | NUT-WLF 1/4-20          | 2   |         |          |                                                          |     |
| 18-30 | 64-641.7   | BAR-BELT ADJ NOTCH      | 1   |         |          |                                                          |     |
| 18-31 | 47-001     | KNOB-SMALL              | 1   |         |          |                                                          |     |
| 18-32 | 40-282.7   | LEVER-PTO BELT ADJ      | 1   |         |          |                                                          |     |
| 18-33 | 64139-08   | BOLT-WLF 5/16-18X3/4    | 2   |         |          |                                                          |     |
| 18-34 | 64123-70   | BOLT-HEX 3/8-16X1-1/2   | 3   |         |          |                                                          |     |
| 18-35 | 64-629.7   | BRKT-ADJ LEVER MOUNT    | 1   |         |          |                                                          |     |
| 18-36 | 41-050     | SPRING-COMP 7/16X1      | 1   |         |          |                                                          |     |
| 18-37 | 64163-61   | WASHER-FLAT, 3/8        | 2   |         |          |                                                          |     |
| 18-38 | 64229-03   | LOCKNUT-NYLON 3/8-16    | 1   |         |          |                                                          |     |
| 18-39 | 64123-07   | BOLT-HEX 1/4-20X1-1/2   | 1   |         |          |                                                          |     |
| 18-40 | 64229-01   | LOCKNUT-1/4-20 NYLON    | 1   |         |          |                                                          |     |
| 18-41 | 42-434.7   | BOLT, SPRING ADJ        | 1   |         |          |                                                          |     |
| 18-42 | 64-632.7   | BRKT, SPRING ADJ        | 1   |         |          |                                                          |     |
| 18-43 | 62-529.7   | FRONT BEARING PLATE     | 1   |         |          |                                                          |     |

\*NOT ILLUSTRATED

FIGURE 19

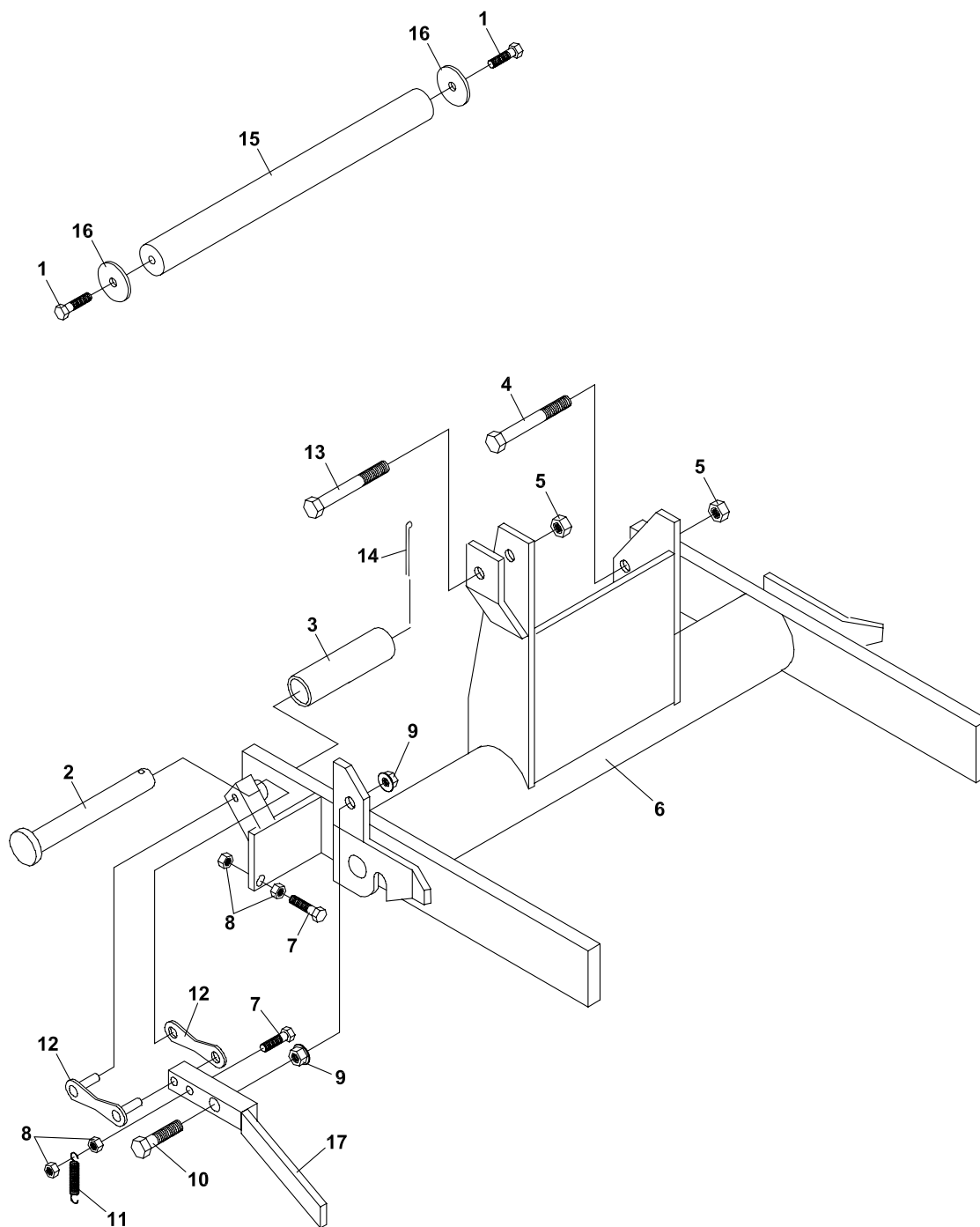


FIGURE 19

| ITEM    | PART NO.  | DESCRIPTION              | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|---------|-----------|--------------------------|-----|------|----------|-------------|-----|
| 19-1    | 99-K70    | BOLT-BTTN HD, 1/4-20X1/2 | 2   |      |          |             |     |
| 19-2    | 03-1032   | CLEVIS PIN, 5/8 X 4      | 2   |      |          |             |     |
| 19-3    | 64-305    | SPACER-FRONT LIFT        | 2   |      |          |             |     |
| 19-4    | 64123-82  | BOLT-HEX 3/8-16X2-1/2    | 1   |      |          |             |     |
| 19-5    | 64229-03  | LOCKNUT-NYLON 3/8-16     | 2   |      |          |             |     |
| 19-6    | 62-539.7  | FRONT LIFT               | 1   |      |          |             |     |
| 19-7    | 64123-07  | BOLT-HEX, 1/4-20X1-1/2   | 2   |      |          |             |     |
| 19-8    | 64025-01  | NUT-HEX 1/4-20           | 4   |      |          |             |     |
| 19-9    | 64141-4   | NUT-WLF 3/8-16           | 2   |      |          |             |     |
| 19-10   | 64123-70  | BOLT-HEX 3/8-16X1-1/2    | 1   |      |          |             |     |
| 19-11   | 41-013    | SPRING-EXT 1/2X2         | 1   |      |          |             |     |
| 19-12   | 81-082    | CONNECTOR LINK           | 1   |      |          |             |     |
| 19-13   | 64123-100 | BOLT-HEX 3/8-16X2-1/4    | 1   |      |          |             |     |
| 19-14   | 02-CP0508 | COTTER PIN, 5/32 X 1     | 1   |      |          |             |     |
| 19-15   | 80-257    | SHAFT, LIFT CYLINDER     | 1   |      |          |             |     |
| 19-16   | 99-B55    | WASHER, 9/32X1-1/4X10GA  | 2   |      |          |             |     |
| 19-17   | 40-197.7  | HANDLE, QUICK HITCH      | 1   |      |          |             |     |
| 19-18 * | 47-054    | HANDLE GRIP, 5/8"IDX3/4" | 1   |      |          |             |     |

\*NOT ILLUSTRATED

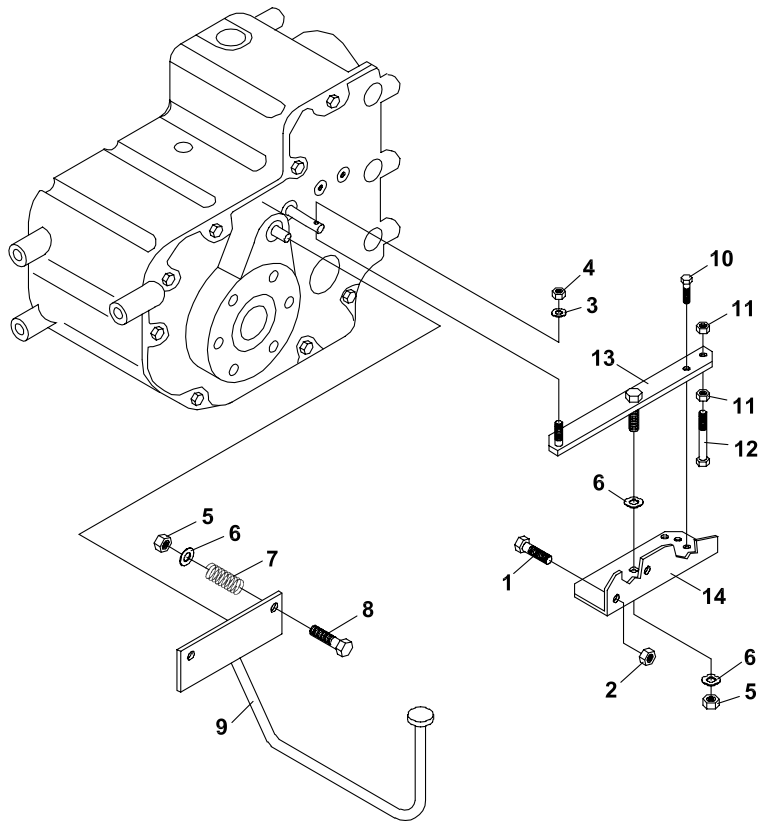


FIGURE 20

| ITEM  | PART NO. | DESCRIPTION           | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|-------|----------|-----------------------|-----|------|----------|-------------|-----|
| 20-1  | 64123-15 | BOLT-HEX 3/8-16X3/4   | 2   |      |          |             |     |
| 20-2  | 64141-4  | NUT-WLF 3/8-16        | 2   |      |          |             |     |
| 20-3  | 64163-86 | WASHER .265X.625X.125 | 2   |      |          |             |     |
| 20-4  | 64229-01 | LOCKNUT-NYLON 1/4-20  | 1   |      |          |             |     |
| 20-5  | 64229-03 | LOCKNUT-NYLON 3/8-16  | 2   |      |          |             |     |
| 20-6  | 64163-61 | WASHER .81X.406X16GA  | 4   |      |          |             |     |
| 20-7  | 41-039   | SPRING, COMPRESSION   | 2   |      |          |             |     |
| 20-8  | 64123-87 | BOLT-HEX 3/8-16X1-3/4 | 2   |      |          |             |     |
| 20-9  | 40-200.7 | LEVER-DIFF LOCK       | 1   |      |          |             |     |
| 20-10 | 64139-04 | BOLT-WLF 1/4-20X3/4   | 1   |      |          |             |     |
| 20-11 | 64141-2  | NUT-WLF 1/4-20        | 2   |      |          |             |     |
| 20-12 | 64123-98 | BLT-HEX 1/4-20X2-1/2  | 1   |      |          |             |     |
| 20-13 | 64-828.7 | LEVER-SHIFTER         | 1   |      |          |             |     |
| 20-14 | 64-827.7 | MOUNT-SHIFT LEVER     | 1   |      |          |             |     |

\*NOT ILLUSTRATED

## FIGURE 21

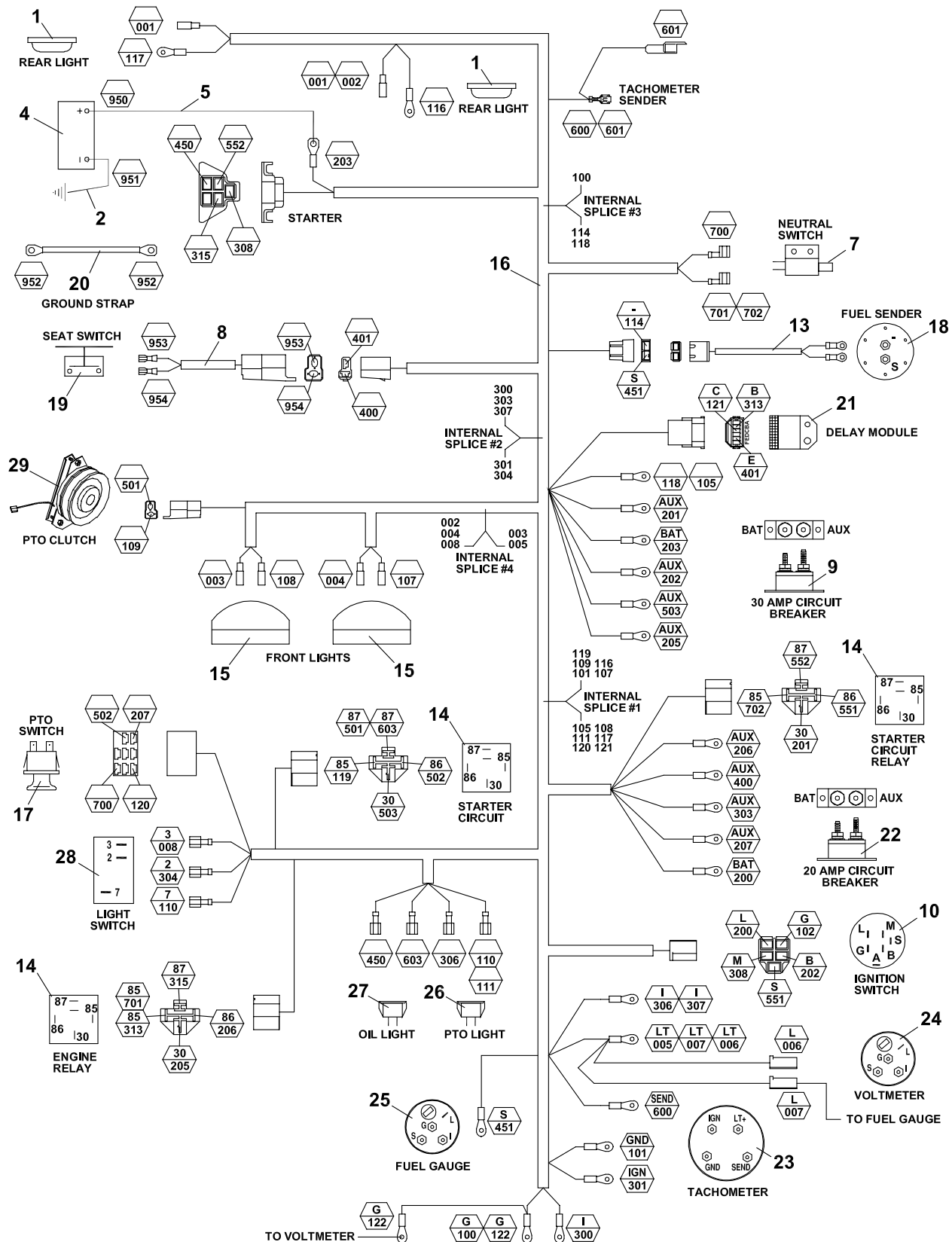


FIGURE 21

| ITEM  | PART NO. | DESCRIPTION             | QTY | ITEM  | PART NO.  | DESCRIPTION             | QTY |
|-------|----------|-------------------------|-----|-------|-----------|-------------------------|-----|
| 21-1  | 33-034   | TAILLIGHT, RED          | 2   | 21-16 | 30-417    | WIRE HARNESS, KOHLER    | 1   |
| 21-2  | 30-019   | BATTERY CABLE, 4 GA 30" | 1   | 21-17 | 31-062    | SWITCH, PTO             | 1   |
| 21-3  | * 30-105 | COVER-TERMINAL, NEG.    | 1   | 21-18 | 35-103    | SENDER, FUEL LEVEL      | 1   |
| 21-4  | 33-015   | BATTERY, 26/26R 550 CCA | 1   | 21-19 | 158135-01 | SWITCH-SEAT NORM.OPEN   | 1   |
| 21-5  | 30-166   | BATTERY CABLE, 4 GA 41" | 1   | 21-20 | 30-291    | STRAP, BRAIDED GROUND   | 1   |
| 21-6  | * 30-098 | COVER-TERMINAL, POS.    | 1   | 21-21 | 35-114    | DELAY MODULE, 1/2 SEC.  | 1   |
| 21-7  | 31-070   | SWITCH, N.O. PLUNGER    | 1   | 21-22 | 30-114    | CIRCUIT BREAKER, 20 AMP | 1   |
| 21-8  | 30-394   | PIGTAIL SEAT SWITCH     | 1   | 21-23 | 35-108    | GAUGE, TACHOMETER       | 1   |
| 21-9  | 30-059   | CIRCUIT BREAKER, 30 AMP | 1   | 21-24 | 35-107    | VOLTMETER               | 1   |
| 21-10 | 31-033   | IGNITION SWITCH, KOHLER | 1   | 21-25 | 35-102    | GAUGE, FUEL             | 1   |
| 21-11 | * 31-046 | KEY, MOLDED             | 1   | 21-26 | 33-035    | LIGHT, AMBER PILOT      | 1   |
| 21-12 | * 31-047 | HARDWARE SET            | 1   | 21-27 | 33-023    | LIGHT, RED PILOT        | 1   |
| 21-13 | 30-316   | PIG TAIL, 230 FUEL TANK | 1   | 21-28 | 31-051    | SWITCH, ROCKER          | 1   |
| 21-14 | 35-067   | RELAY                   | 3   | 21-29 | 35-070    | CLUTCH-ELECTRIC         | 1   |
| 21-15 | 4128713  | HEADLIGHT               | 2   |       |           |                         |     |

\* NOT ILLUSTRATED

| KOHLER GAS ENGINE ELECTRICAL CIRCUIT LEGEND |         |                   |                                                            |
|---------------------------------------------|---------|-------------------|------------------------------------------------------------|
| #                                           | GAUGE   | COLOR             | DESTINATION                                                |
| 001                                         | 16      | YELLOW / WHITE    | TAIL LIGHT TO TAIL LIGHT                                   |
| 002                                         | 16      | YELLOW / WHITE    | TAIL LIGHT TO INTERNAL SPLICE #4                           |
| 003                                         | 16      | YELLOW / WHITE    | INTERNAL SPLICE #4 TO HEADLIGHT                            |
| 004                                         | 16      | YELLOW / WHITE    | INTERNAL SPLICE #4 TO HEADLIGHT                            |
| 005                                         | 16      | YELLOW            | INTERNAL SPLICE #4 TO TACHOMETER (LT)                      |
| 006                                         | 16      | YELLOW            | TACHOMETER LIGHT TO VOLTMETER LIGHT (L)                    |
| 007                                         | 16      | YELLOW            | FUEL GAUGE (L) TO TACHOMETER                               |
| 008                                         | 12      | YELLOW            | INTERNAL SPLICE #4 TO LIGHT SWITCH (3)                     |
| 100                                         | 16      | BLACK             | INTERNAL SPLICE #3 TO FUEL GAUGE (G)                       |
| 101                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO TACHOMETER (GND)                     |
| 102                                         | 16      | BLACK             | IGNITION SWITCH (G) TO INTERNAL SPLICE #1                  |
| 105                                         | 14      | BLACK             | GROUND BOLT TO INTERNAL SPLICE #1                          |
| 107                                         | 16      | BLACK             | HEADLIGHT TO INTERNAL SPLICE #1                            |
| 108                                         | 16      | BLACK             | HEADLIGHT TO INTERNAL SPLICE #1                            |
| 109                                         | 16      | BLACK             | PTO CLUTCH TO INTERNAL SPLICE #1                           |
| 110                                         | 16      | BLACK             | LIGHT SWITCH (7) TO PTO LIGHT                              |
| 111                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO PTO LIGHT                            |
| 114                                         | 16      | BLACK             | INTERNAL SPLICE #3 TO FUEL SENDER (-)                      |
| 116                                         | 16      | BLACK             | TAIL LIGHT TO INTERNAL SPLICE #1                           |
| 117                                         | 16      | BLACK             | TAIL LIGHT TO INTERNAL SPLICE #1                           |
| 118                                         | 14      | BLACK             | INTERNAL SPLICE #3 TO GROUND                               |
| 119                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO PTO RELAY (85)                       |
| 120                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO PTO SWITCH                           |
| 121                                         | 16      | BLACK             | 1/2 SECOND DELAY MODULE (C) TO INTERNAL SPLICE #1          |
| 122                                         | 16      | BLACK             | FUEL GAUGE (G) TO VOLTMETER (G)                            |
| 200                                         | 14      | RED               | IGNITION SWITCH (L) TO 20 AMP CIRCUIT BREAKER (BAT)        |
| 201                                         | 14      | RED / WHITE       | 30 AMP CIRCUIT BREAKER (AUX) TO STARTER CIRCUIT RELAY (30) |
| 202                                         | 10      | RED               | 30 AMP CIRCUIT BREAKER (AUX) TO IGNITION SWITCH (B)        |
| 203                                         | 10      | RED               | STARTER TO 30 AMP CIRCUIT BREAKER (BAT)                    |
| 205                                         | 14      | RED / WHITE       | ENGINE RELAY (30) TO 30 AMP CIRCUIT BREAKER (AUX)          |
| 206                                         | 16      | RED / YELLOW      | 20 AMP CIRCUIT BREAKER (AUX) TO ENGINE RELAY (86)          |
| 207                                         | 16      | RED / BLUE        | PTO SWITCH TO 20 AMP CIRCUIT BREAKER (AUX)                 |
| 300                                         | 16      | WHITE             | INTERNAL SPLICE #2 TO FUEL GAUGE (I)                       |
| 301                                         | 16      | WHITE             | INTERNAL SPLICE #2 TO TACHOMETER (IGN)                     |
| 303                                         | 14      | WHITE             | INTERNAL SPLICE #2 TO 20 AMP CIRCUIT BREAKER (AUX)         |
| 304                                         | 16      | WHITE             | INTERNAL SPLICE #2 TO LIGHT SWITCH (2)                     |
| 306                                         | 16      | WHITE / RED       | VOLTMETER (I) TO OIL LIGHT                                 |
| 307                                         | 16      | WHITE             | INTERNAL SPLICE #2 TO VOLTMETER                            |
| 308                                         | 16      | WHITE / ORANGE    | IGNITION SWITCH (M) TO ENGINE PLUG (WHITE WIRE)            |
| 313                                         | 16      | WHITE / BROWN     | 1/2 SECOND DELAY MODULE (B) TO ENGINE RELAY (85)           |
| 315                                         | 16      | WHITE / BLACK     | ENGINE IGNITION TO ENGINE RELAY (87)                       |
| 400                                         | 16      | ORANGE            | SEAT SWITCH TO 20 AMP CIRCUIT BREAKER (AUX)                |
| 401                                         | 16      | ORANGE / WHITE    | SEAT SWITCH TO 1/2 SECOND DELAY MODULE (E)                 |
| 450                                         | 16      | PURPLE            | OIL PRESSURE SWITCH TO OIL PRESSURE LIGHT                  |
| 451                                         | 16      | PURPLE / WHITE    | FUEL SENDER (S) TO FUEL GAUGE (S)                          |
| 501                                         | 14      | DK. BLUE / WHITE  | PTO CLUTCH TO PTO RELAY (87)                               |
| 502                                         | 16      | LT. BLUE          | PTO RELAY (86) TO PTO SWITCH                               |
| 503                                         | 14      | BLUE / RED        | 30 AMP CIRCUIT BREAKER (AUX) TO PTO RELAY (30)             |
| 551                                         | 14      | LT. GREEN / WHITE | STARTER CIRCUIT RELAY (86) TO IGNITION SWITCH (S)          |
| 552                                         | 14      | LT. GREEN         | STARTER SOLENOID TO STARTER CIRCUIT RELAY (87)             |
| 600                                         | 16      | GRAY              | TACHOMETER SENDER TO TACHOMETER (SEND)                     |
| 601                                         | 16      | GRAY              | TACHOMETER SENDER TO RECTIFIER                             |
| 603                                         | 16      | GRAY / WHITE      | PTO RELAY (87) TO PTO LIGHT                                |
| 700                                         | 16      | BROWN             | NEUTRAL SWITCH TO PTO SWITCH                               |
| 701                                         | 16      | BROWN / WHITE     | NEUTRAL SWITCH TO ENGINE RELAY (85)                        |
| 702                                         | 16      | BROWN / YELLOW    | NEUTRAL SWITCH TO STARTER CIRCUIT RELAY (85)               |
| 950                                         | 4       | RED               | + BATTERY TO STARTER                                       |
| 951                                         | 4       | BLACK             | - BATTERY TO ENGINE MOUNT BOLT                             |
| 952                                         | BRAIDED | SILVER            | ENGINE MOUNT BOLT TO FRAME                                 |
| 953                                         | 16      | ORANGE / WHITE    | SEAT SWITCH TO WIRE HARNESS                                |
| 954                                         | 16      | ORANGE            | SEAT SWITCH TO WIRE HARNESS                                |

[illegible]

FIGURE 22

| ITEM  | PART NO.         | DESCRIPTION             | QTY | ITEM  | PART NO.       | DESCRIPTION             | QTY |
|-------|------------------|-------------------------|-----|-------|----------------|-------------------------|-----|
| 22-1  | 33-034           | TAILLIGHT, RED          | 2   | 22-18 | 35-103         | SENDER, FUEL LEVEL      | 1   |
| 22-2  | 30-019           | BATTERY CABLE, 4 GA 30" | 1   | 22-19 | 158135-01      | SWITCH-SEAT NORM.OPEN   | 1   |
| 22-3  | * 30-105         | COVER-TERMINAL, NEG.    | 1   | 22-20 | 30-291         | STRAP, BRAIDED GROUND   | 1   |
| 22-4  | 33-015           | BATTERY, 26/26R 550 CCA | 1   | 22-21 | 35-114         | DELAY MODULE, 1/2 SEC.  | 1   |
| 22-5  | 30-166           | BATTERY CABLE, 4 GA 41" | 1   | 22-22 | 30-114         | CIRCUIT BREAKER, 20 AMP | 1   |
| 22-6  | * 30-098         | COVER-TERMINAL, POS.    | 1   | 22-23 | 35-110         | GAUGE, TACH/HOUR        | 1   |
| 22-7  | 31-070           | SWITCH, N.O. PLUNGER    | 1   | 22-24 | 35-085         | SENDER, TACHOMETER      | 1   |
| 22-8  | 30-394           | PIGTAIL SEAT SWITCH     | 1   | 22-25 | 35-102         | GAUGE, FUEL             | 1   |
| 22-9  | 30-059           | CIRCUIT BREAKER, 30 AMP | 1   | 22-26 | 33-035         | LIGHT, AMBER PILOT      | 1   |
| 22-10 | 13-66706-55120   | SWITCH-IGNITION         | 1   | 22-27 | 33-023         | LIGHT, RED PILOT        | 2   |
| 22-11 | * 13-66711-55140 | KEY-KUBOTA IGN          | 1   | 22-28 | 31-051         | SWITCH, ROCKER          | 1   |
| 22-12 | 35-079           | SENDER, WATER TEMP      | 1   | 22-29 | 35-070         | CLUTCH-ELECTRIC         | 1   |
| 22-13 | 30-316           | PIG TAIL, 230 FUEL TANK | 1   | 22-30 | 35-104         | GAUGE-WATER TEMP        | 1   |
| 22-14 | 35-067           | RELAY                   | 3   | 22-31 | 13-RP201-53710 | REGULATOR-KUBOTA        | 1   |
| 22-15 | 4128713          | HEADLIGHT               | 2   | 22-32 | 30-004F        | CONNECTOR, 3 WAY BLT    | 1   |
| 22-16 | 30-365           | WIRE HARNESS, KUB GAS   | 1   | 22-33 | 13-12581-68900 | COIL-IGNITION           | 1   |
| 22-17 | 31-062           | SWITCH, PTO             | 1   |       |                |                         |     |

\* NOT ILLUSTRATED

| KUBOTA GAS ENGINE ELECTRICAL CIRCUIT LEGEND |         |                   |                                                            |
|---------------------------------------------|---------|-------------------|------------------------------------------------------------|
| #                                           | GAUGE   | COLOR             | DESTINATION                                                |
| 001                                         | 16      | YELLOW / WHITE    | TAIL LIGHT TO TAIL LIGHT                                   |
| 002                                         | 16      | YELLOW / WHITE    | TAIL LIGHT TO INTERNAL SPLICE #4                           |
| 003                                         | 16      | YELLOW / WHITE    | INTERNAL SPLICE #4 TO HEADLIGHT                            |
| 004                                         | 16      | YELLOW / WHITE    | INTERNAL SPLICE #4 TO HEADLIGHT                            |
| 005                                         | 16      | YELLOW            | INTERNAL SPLICE #4 TO TEMP GAUGE (L)                       |
| 006                                         | 16      | YELLOW            | TACHOMETER (LT) TO TEMP GAUGE                              |
| 007                                         | 16      | YELLOW            | FUEL GAUGE (L) TO TACHOMETER                               |
| 008                                         | 12      | YELLOW            | INTERNAL SPLICE #4 TO LIGHT SWITCH (3)                     |
| 100                                         | 16      | BLACK             | INTERNAL SPLICE #3 TO FUEL GAUGE (G)                       |
| 101                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO TACHOMETER (GND)                     |
| 102                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO TEMP GAUGE (G)                       |
| 105                                         | 14      | BLACK             | GROUND BOLT TO INTERNAL SPLICE #1                          |
| 106                                         | 14      | BLACK             | INTERNAL SPLICE #1 TO REGULATOR                            |
| 107                                         | 16      | BLACK             | HEADLIGHT TO INTERNAL SPLICE #1                            |
| 108                                         | 16      | BLACK             | HEADLIGHT TO INTERNAL SPLICE #1                            |
| 109                                         | 16      | BLACK             | PTO CLUTCH TO INTERNAL SPLICE #1                           |
| 110                                         | 16      | BLACK             | LIGHT SWITCH (7) TO PTO LIGHT                              |
| 111                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO PTO LIGHT                            |
| 114                                         | 16      | BLACK             | INTERNAL SPLICE #3 TO FUEL SENDER (-)                      |
| 115                                         | 14      | BLACK             | TACHOMETER SENDER TO INTERNAL SPLICE #3                    |
| 116                                         | 16      | BLACK             | TAIL LIGHT TO INTERNAL SPLICE #1                           |
| 117                                         | 16      | BLACK             | TAIL LIGHT TO INTERNAL SPLICE #1                           |
| 118                                         | 14      | BLACK             | INTERNAL SPLICE #3 TO GROUND                               |
| 119                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO PTO RELAY (85)                       |
| 120                                         | 16      | BLACK             | INTERNAL SPLICE #1 TO PTO SWITCH                           |
| 121                                         | 16      | BLACK             | 1/2 SECOND DELAY MODULE (C) TO INTERNAL SPLICE #1          |
| 122                                         | 16      | BLACK             | ALTERNATOR LIGHT TO INTERNAL SPLICE #1                     |
| 200                                         | 14      | RED               | IGNITION SWITCH (AC) TO 20 AMP CIRCUIT BREAKER (BAT)       |
| 201                                         | 14      | RED / WHITE       | 30 AMP CIRCUIT BREAKER (AUX) TO STARTER CIRCUIT RELAY (30) |
| 202                                         | 10      | RED               | 30 AMP CIRCUIT BREAKER (AUX) TO IGNITION SWITCH (30)       |
| 203                                         | 10      | RED               | STARTER TO 30 AMP CIRCUIT BREAKER (BAT)                    |
| 205                                         | 14      | RED / WHITE       | ENGINE RELAY (30) TO 30 AMP CIRCUIT BREAKER (AUX)          |
| 206                                         | 16      | RED / YELLOW      | 20 AMP CIRCUIT BREAKER (AUX) TO ENGINE RELAY (86)          |
| 207                                         | 16      | RED / BLUE        | PTO SWITCH TO 20 AMP CIRCUIT BREAKER (AUX)                 |
| 300                                         | 16      | WHITE             | INTERNAL SPLICE #2 TO FUEL GAUGE (I)                       |
| 301                                         | 16      | WHITE             | INTERNAL SPLICE #2 TO TACHOMETER (IGN)                     |
| 302                                         | 16      | WHITE             | INTERNAL SPLICE #2 TO TEMP GAUGE (I)                       |
| 303                                         | 14      | WHITE             | INTERNAL SPLICE #2 TO 20 AMP CIRCUIT BREAKER (AUX)         |
| 304                                         | 16      | WHITE             | INTERNAL SPLICE #2 TO LIGHT SWITCH (2)                     |
| 306                                         | 16      | WHITE / RED       | INTERNAL SPLICE #2 TO OIL LIGHT                            |
| 308                                         | 16      | WHITE             | FUEL PUMP TO INTERNAL SPLICE #2                            |
| 312                                         | 16      | WHITE / ORANGE    | TEMPERATURE SENDER TO TEMP GAUGE (S)                       |
| 313                                         | 16      | WHITE / BROWN     | 1/2 SECOND DELAY MODULE (B) TO ENGINE RELAY (85)           |
| 314                                         | 16      | WHITE / BLACK     | COIL TO ENGINE RELAY (87)                                  |
| 400                                         | 16      | ORANGE            | SEAT SWITCH TO 20 AMP CIRCUIT BREAKER (AUX)                |
| 401                                         | 16      | ORANGE / WHITE    | SEAT SWITCH TO 1/2 SECOND DELAY MODULE (E)                 |
| 450                                         | 16      | PURPLE            | OIL PRESSURE SWITCH TO OIL PRESSURE LIGHT                  |
| 451                                         | 16      | PURPLE / WHITE    | FUEL SENDER (S) TO FUEL GAUGE (S)                          |
| 500                                         | 14      | DK. BLUE          | REGULATOR TO ALTERNATOR LIGHT                              |
| 501                                         | 14      | DK. BLUE / WHITE  | PTO CLUTCH TO PTO RELAY (87)                               |
| 502                                         | 16      | LT. BLUE          | PTO RELAY (86) TO PTO SWITCH                               |
| 503                                         | 14      | BLUE / RED        | 30 AMP CIRCUIT BREAKER (AUX) TO PTO RELAY (30)             |
| 504                                         | 14      | BLUE / WHITE      | ALTERNATOR TO REGULATOR                                    |
| 505                                         | 14      | BLUE / YELLOW     | ALTERNATOR TO REGULATOR                                    |
| 506                                         | 14      | LT. BLUE / BLACK  | 30 AMP CIRCUIT BREAKER TO REGULATOR                        |
| 507                                         | 14      | LT. BLUE / ORANGE | REGULATOR TO 20 AMP CIRCUIT BREAKER                        |
| 551                                         | 14      | LT. GREEN / WHITE | STARTER CIRCUIT RELAY (86) TO IGNITION SWITCH (50)         |
| 552                                         | 14      | LT. GREEN         | STARTER SOLENOID TO STARTER CIRCUIT RELAY (87)             |
| 600                                         | 16      | GRAY              | TACHOMETER SENDER TO TACHOMETER (SEND)                     |
| 603                                         | 16      | GRAY / WHITE      | PTO RELAY (87) TO PTO LIGHT                                |
| 700                                         | 16      | BROWN             | NEUTRAL SWITCH TO PTO SWITCH                               |
| 701                                         | 16      | BROWN / WHITE     | STARTER CIRCUIT RELAY (85) TO ENGINE RELAY (85)            |
| 702                                         | 16      | BROWN / YELLOW    | NEUTRAL SWITCH TO STARTER CIRCUIT RELAY (85)               |
| 950                                         | 4       | RED               | + BATTERY TO STARTER                                       |
| 951                                         | 4       | BLACK             | - BATTERY TO ENGINE MOUNT BOLT                             |
| 952                                         | BRAIDED | SILVER            | ENGINE MOUNT BOLT TO FRAME                                 |
| 953                                         | 16      | ORANGE / WHITE    | SEAT SWITCH TO WIRE HARNESS                                |
| 954                                         | 16      | ORANGE            | SEAT SWITCH TO WIRE HARNESS                                |

FIGURE 23

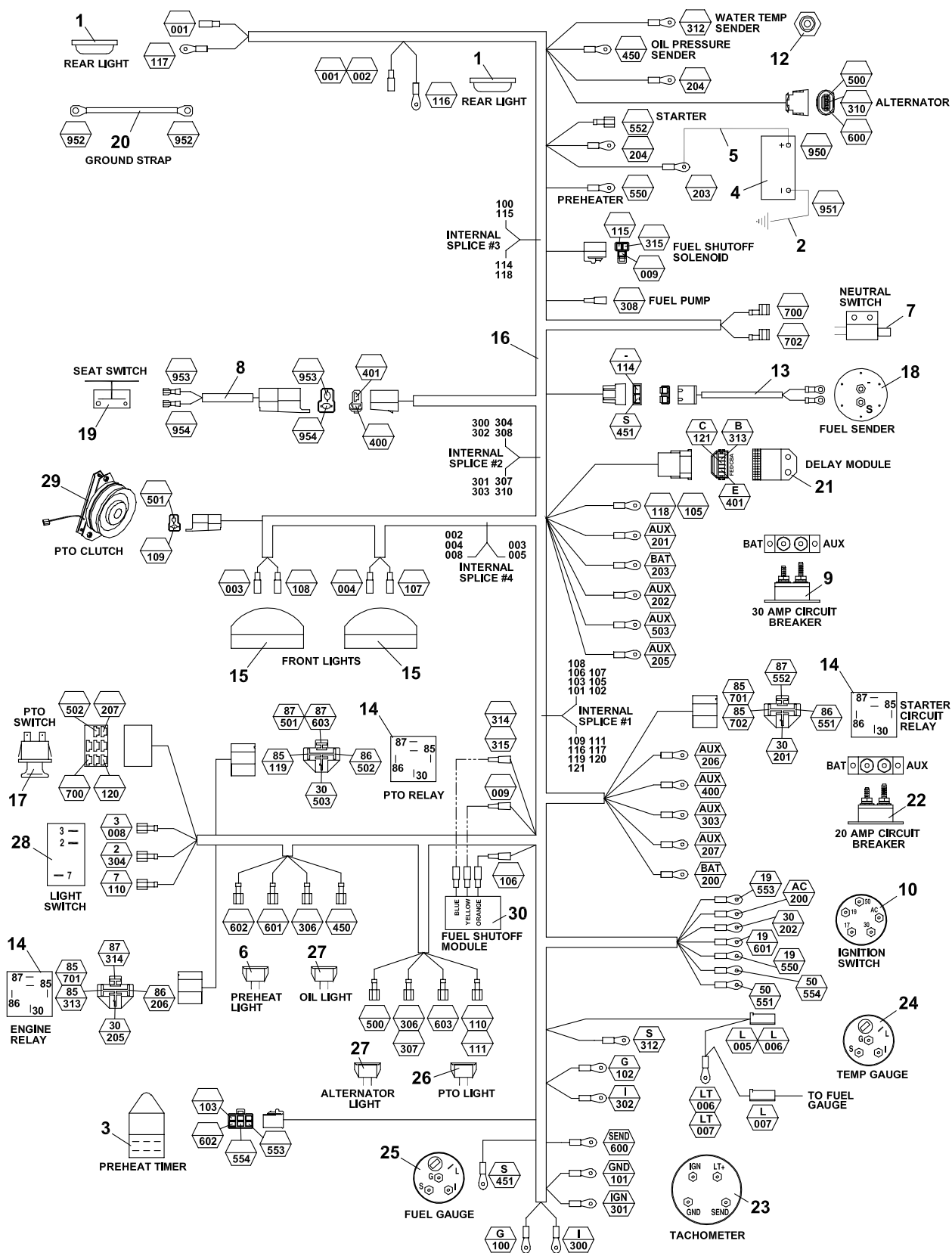


FIGURE 23

| ITEM    | PART NO.       | DESCRIPTION             | QTY | ITEM                                                                    | PART NO.  | DESCRIPTION             | QTY |
|---------|----------------|-------------------------|-----|-------------------------------------------------------------------------|-----------|-------------------------|-----|
| 23-1    | 33-034         | TAILLIGHT, RED          | 2   | 23-18                                                                   | 35-103    | SENDER, FUEL LEVEL      | 1   |
| 23-2    | 30-310         | BATT CABLE, 1GA BLK 30" | 1   | 23-19                                                                   | 158135-01 | SWITCH-SEAT NORM.OPEN   | 1   |
| 23-3    | 13-15694-65991 | TIMER-GLOW PLUG         | 1   | 23-20                                                                   | 30-291    | STRAP, BRAIDED GROUND   | 1   |
| 23-4    | 33-033         | BATTERY, 526A 650 CCA   | 1   | 23-21                                                                   | 35-114    | DELAY MODULE, 1/2 SEC.  | 1   |
| 23-5    | 30-305         | BATTERY CABLE, 1GA 34"  | 1   | 23-22                                                                   | 30-114    | CIRCUIT BREAKER, 20 AMP | 1   |
| 23-6    | 33-024         | LIGHT, BLUE PILOT       | 1   | 23-23                                                                   | 35-109    | GAUGE, TACH KUB DIESEL  | 1   |
| 23-7    | 31-070         | SWITCH, N.O. PLUNGER    | 1   | 23-24                                                                   | 35-132    | GAUGE, WATER TEMP       | 1   |
| 23-8    | 30-394         | PIGTAIL SEAT SWITCH     | 1   | 23-25                                                                   | 35-102    | GAUGE, FUEL             | 1   |
| 23-9    | 30-059         | CIRCUIT BREAKER, 30 AMP | 1   | 23-26                                                                   | 33-035    | LIGHT, AMBER PILOT      | 1   |
| 23-10   | 13-66706-55120 | SWITCH-IGNITION         | 1   | 23-27                                                                   | 33-023    | LIGHT, RED PILOT        | 2   |
| 23-11 * | 13-66711-55140 | KEY-KUBOTA IGN          | 1   | 23-28                                                                   | 31-051    | SWITCH, ROCKER          | 1   |
| 23-12   | 35-106         | SENDER, WATER TEMP      | 1   | 23-29                                                                   | 35-070    | CLUTCH-ELECTRIC         | 1   |
| 23-13   | 30-316         | PIG TAIL, 230 FUEL TANK | 1   | 23-30                                                                   | 31-050    | MODULE, FUEL SHUTOFF    | 1   |
| 23-14   | 35-067         | RELAY                   | 3   | (ITEM 30 AVAILABLE ONLY IN KIT 70-134 WHICH CONTAINS SOLENOID & MODULE) |           |                         |     |
| 23-15   | 4128713        | HEADLIGHT               | 2   |                                                                         |           |                         |     |
| 23-16   | 30-385         | WIRE HARNESS, KUB DSL   | 1   |                                                                         |           |                         |     |
| 23-17   | 31-062         | SWITCH, PTO             | 1   |                                                                         |           |                         |     |

\* NOT ILLUSTRATED

| KUBOTA DIESEL ENGINE ELECTRICAL CIRCUIT LEGEND |         |                   |                                                            |
|------------------------------------------------|---------|-------------------|------------------------------------------------------------|
| #                                              | GAUGE   | COLOR             | DESTINATION                                                |
| 001                                            | 16      | YELLOW / WHITE    | TAIL LIGHT TO TAIL LIGHT                                   |
| 002                                            | 16      | YELLOW / WHITE    | TAIL LIGHT TO INTERNAL SPICE #4                            |
| 003                                            | 16      | YELLOW / WHITE    | INTERNAL SPICE #4 TO HEADLIGHT                             |
| 004                                            | 16      | YELLOW / WHITE    | INTERNAL SPICE #4 TO HEADLIGHT                             |
| 005                                            | 16      | YELLOW            | INTERNAL SPICE #4 TO TEMP GAUGE (L)                        |
| 006                                            | 16      | YELLOW            | TACHOMETER (LT) TO TEMP GAUGE                              |
| 007                                            | 16      | YELLOW            | FUEL GAUGE (L) TO TACHOMETER                               |
| 008                                            | 12      | YELLOW            | INTERNAL SPICE #4 TO LIGHT SWITCH (3)                      |
| 009                                            | 14      | YELLOW            | FUEL SHUTOFF SOLENOID TO FUEL SHUTOFF MODULE               |
| 100                                            | 16      | BLACK             | INTERNAL SPICE #3 TO FUEL GAUGE (G)                        |
| 101                                            | 16      | BLACK             | INTERNAL SPICE #1 TO TACHOMETER (GND)                      |
| 102                                            | 16      | BLACK             | INTERNAL SPICE #1 TO TEMP GAUGE (G)                        |
| 103                                            | 14      | BLACK             | INTERNAL SPICE #1 TO PREHEAT TIMER                         |
| 105                                            | 14      | BLACK             | GROUND BOLT TO INTERNAL SPICE #1                           |
| 106                                            | 14      | BLACK             | INTERNAL SPICE #1 TO FUEL SHUTOFF MODULE                   |
| 107                                            | 16      | BLACK             | HEADLIGHT TO INTERNAL SPICE #1                             |
| 108                                            | 16      | BLACK             | HEADLIGHT TO INTERNAL SPICE #1                             |
| 109                                            | 16      | BLACK             | PTO CLUTCH TO INTERNAL SPICE #1                            |
| 110                                            | 16      | BLACK             | LIGHT SWITCH (7) TO PTO LIGHT                              |
| 111                                            | 16      | BLACK             | INTERNAL SPICE #1 TO PTO LIGHT                             |
| 114                                            | 16      | BLACK             | INTERNAL SPICE #3 TO FUEL SENDER (C)                       |
| 115                                            | 14      | BLACK             | FUEL SHUTOFF SOLENOID TO INTERNAL SPICE #3                 |
| 116                                            | 16      | BLACK             | TAIL LIGHT TO INTERNAL SPICE #1                            |
| 117                                            | 16      | BLACK             | TAIL LIGHT TO INTERNAL SPICE #1                            |
| 118                                            | 14      | BLACK             | INTERNAL SPICE #3 TO GROUND                                |
| 119                                            | 16      | BLACK             | INTERNAL SPICE #1 TO PTO RELAY (85)                        |
| 120                                            | 16      | BLACK             | INTERNAL SPICE #1 TO PTO SWITCH                            |
| 121                                            | 16      | BLACK             | 1/2 SECOND DELAY MODULE (C) TO INTERNAL SPICE #1           |
| 200                                            | 14      | RED               | IGNITION SWITCH (AC) TO 20 AMP CIRCUIT BREAKER (BAT)       |
| 201                                            | 14      | RED / WHITE       | 30 AMP CIRCUIT BREAKER (AUX) TO STARTER CIRCUIT RELAY (30) |
| 202                                            | 10      | RED               | 30 AMP CIRCUIT BREAKER (AUX) TO IGNITION SWITCH (30)       |
| 203                                            | 10      | RED               | STARTER TO 30 AMP CIRCUIT BREAKER (BAT)                    |
| 204                                            | 10      | RED               | ALTERNATOR TO STARTER                                      |
| 205                                            | 14      | RED / WHITE       | ENGINE RELAY (30) TO 30 AMP CIRCUIT BREAKER (AUX)          |
| 206                                            | 16      | RED / YELLOW      | 20 AMP CIRCUIT BREAKER (AUX) TO ENGINE RELAY (86)          |
| 207                                            | 16      | RED / BLUE        | PTO SWITCH TO 20 AMP CIRCUIT BREAKER (AUX)                 |
| 300                                            | 16      | WHITE             | INTERNAL SPICE #2 TO FUEL GAUGE (I)                        |
| 301                                            | 16      | WHITE             | INTERNAL SPICE #2 TO TACHOMETER (IGN)                      |
| 302                                            | 16      | WHITE             | INTERNAL SPICE #2 TO TEMP GAUGE (I)                        |
| 303                                            | 14      | WHITE             | INTERNAL SPICE #2 TO 20 AMP CIRCUIT BREAKER (AUX)          |
| 304                                            | 16      | WHITE             | INTERNAL SPICE #2 TO LIGHT SWITCH (2)                      |
| 306                                            | 16      | WHITE / RED       | ALTERNATOR LIGHT TO OIL LIGHT                              |
| 307                                            | 16      | WHITE             | INTERNAL SPICE #2 TO ALTERNATOR LIGHT                      |
| 308                                            | 16      | WHITE             | FUEL PUMP TO INTERNAL SPICE #2                             |
| 310                                            | 16      | WHITE             | ALTERNATOR TO INTERNAL SPICE #2                            |
| 312                                            | 16      | WHITE / ORANGE    | TEMPERATURE SENDER TO TEMP GAUGE (S)                       |
| 313                                            | 16      | WHITE / BROWN     | 1/2 SECOND DELAY MODULE (B) TO ENGINE RELAY (85)           |
| 314                                            | 16      | WHITE / BLACK     | FUEL SHUTOFF MODULE TO ENGINE RELAY (87)                   |
| 315                                            | 16      | WHITE / BLACK     | FUEL SOLENOID TO FUEL SHUTOFF MODULE                       |
| 400                                            | 16      | ORANGE            | SEAT SWITCH TO 20 AMP CIRCUIT BREAKER (AUX)                |
| 401                                            | 16      | ORANGE / WHITE    | SEAT SWITCH TO 1/2 SECOND DELAY MODULE (E)                 |
| 450                                            | 16      | PURPLE            | OIL PRESSURE SWITCH TO OIL PRESSURE LIGHT                  |
| 451                                            | 16      | PURPLE / WHITE    | FUEL SENDER (S) TO FUEL GAUGE (S)                          |
| 500                                            | 14      | DK. BLUE          | ALTERNATOR TO ALTERNATOR LIGHT                             |
| 501                                            | 14      | DK. BLUE / WHITE  | PTO CLUTCH TO PTO RELAY (87)                               |
| 502                                            | 16      | LT. BLUE          | PTO RELAY (86) TO PTO SWITCH                               |
| 503                                            | 14      | BLUE / RED        | 30 AMP CIRCUIT BREAKER (AUX) TO PTO RELAY (30)             |
| 550                                            | 10      | LT. GREEN         | PREHEATER TO IGNITION SWITCH (19)                          |
| 551                                            | 14      | LT. GREEN / WHITE | STARTER CIRCUIT RELAY (86) TO IGNITION SWITCH (50)         |
| 552                                            | 14      | LT. GREEN         | STARTER SOLENOID TO STARTER CIRCUIT RELAY (87)             |
| 553                                            | 14      | DK. GREEN / WHITE | PREHEAT TIMER TO IGNITION SWITCH (19)                      |
| 554                                            | 14      | DK. GREEN         | PREHEAT TIMER TO IGNITION SWITCH (50)                      |
| 600                                            | 16      | GRAY              | ALTERNATOR TO TACHOMETER (SEND)                            |
| 601                                            | 16      | GRAY / BLUE       | PREHEAT LIGHT TO IGNITION SWITCH (19)                      |
| 602                                            | 16      | GRAY / BLUE       | PREHEAT LIGHT TO PREHEAT TIMER                             |
| 603                                            | 16      | GRAY / WHITE      | PTO RELAY (87) TO PTO LIGHT                                |
| 700                                            | 16      | BROWN             | NEUTRAL SWITCH TO PTO SWITCH                               |
| 701                                            | 16      | BROWN / WHITE     | STARTER CIRCUIT RELAY (85) TO ENGINE RELAY (85)            |
| 702                                            | 16      | BROWN / YELLOW    | NEUTRAL SWITCH TO STARTER CIRCUIT RELAY (85)               |
| 950                                            | 1       | RED               | + BATTERY TO STARTER                                       |
| 951                                            | 1       | BLACK             | + BATTERY TO ENGINE MOUNT BOLT                             |
| 952                                            | BRAIDED | SILVER            | ENGINE MOUNT BOLT TO FRAME                                 |
| 953                                            | 16      | ORANGE / WHITE    | SEAT SWITCH TO WIRE HARNESS                                |
| 954                                            | 16      | ORANGE            | SEAT SWITCH TO WIRE HARNESS                                |

## FIGURE 24

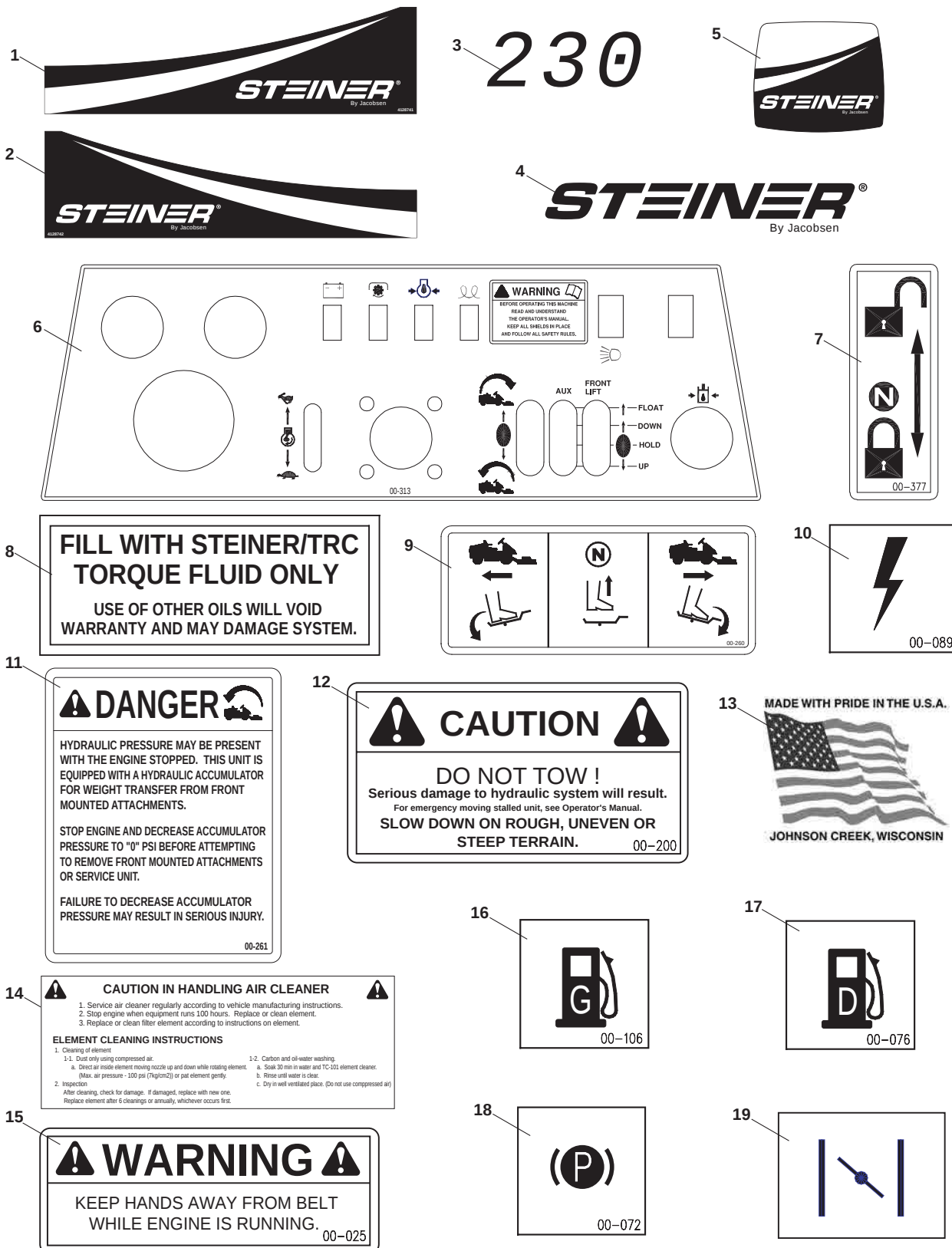


FIGURE 24

| ITEM  | PART NO. | DESCRIPTION            | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|-------|----------|------------------------|-----|------|----------|-------------|-----|
| 24-1  | 4128741  | LABEL-230 HOOD, RH     | 1   |      |          |             |     |
| 24-2  | 4128742  | LABEL-230 HOOD, LH     | 1   |      |          |             |     |
| 24-3  | 4128487  | LABEL-230              | 2   |      |          |             |     |
| 24-4  | 4128372  | LABEL-STEINER DIECUT   | 2   |      |          |             |     |
| 24-5  | 4128434  | LABEL-EMBLEM, STEERING | 1   |      |          |             |     |
| 24-6  | 00-359   | DECAL-230 DASH         | 1   |      |          |             |     |
| 24-7  | 00-377   | DECAL-NEUTRAL LOCK     | 1   |      |          |             |     |
| 24-8  | 00-060   | DECAL-FLUID FILL       | 1   |      |          |             |     |
| 24-9  | 00-260   | DECAL-FWD/REV PEDAL    | 1   |      |          |             |     |
| 24-10 | 00-089   | DECAL-IGNITION         | 1   |      |          |             |     |
| 24-11 | 00-261   | DECAL-DANGER HYD PRSS  | 1   |      |          |             |     |
| 24-12 | 00-200   | DECAL-CAUTION TOW      | 1   |      |          |             |     |
| 24-13 | 4116761  | LABEL-MADE IN USA      | 1   |      |          |             |     |
| 24-14 | 00-313   | DECAL-AIR CLEANER KUB  | 1   |      |          |             |     |
| 24-15 | 00-025   | DECAL-HANDS/BELT       | 2   |      |          |             |     |
| 24-16 | 00-106   | DECAL-GASOLINE         | 1   |      |          |             |     |
| 24-17 | 00-076   | DECAL-DIESEL FUEL      | 1   |      |          |             |     |
| 24-18 | 00-072   | DECAL-PARKING BRAKE    | 1   |      |          |             |     |
| 24-19 | 00-211   | DECAL-CHOKE SYMBOL     | 1   |      |          |             |     |

# 75-70730 ROPS BAR WITH SEAT BELT (RB230)

230

FIGURE 25

| ITEM | PART NO. | DESCRIPTION              | QTY | ITEM  | PART NO. | DESCRIPTION           | QTY |
|------|----------|--------------------------|-----|-------|----------|-----------------------|-----|
| 25-1 | 62-636.7 | ROLL BAR                 | 1   | 25-8  | 64-905.7 | BRKT, SEAT BELT LH    | 1   |
| 25-2 | 64123-15 | BOLT-HEX 3/8-16X3/4      | 12  | 25-9  | 64-904.7 | BRKT, SEAT BELT RH    | 1   |
| 25-3 | 90-0710  | BOLT-HEX 7/16-14X1-1/4   | 2   | 25-10 | 64141-4  | NUT-WLF 3/8-16        | 12  |
| 25-4 | 64163-43 | WASHER .443/.454X1X11GA3 |     | 25-11 | 99-B12   | SPACER                | 1   |
| 25-5 | 47-059   | SEATBELT, 50"LONG        | 1   | 25-12 | 64163-64 | WSHR 1.015X1.500X14GA | 2   |
| 25-6 | 64006-06 | LOCKWASHER 7/16          | 2   | 25-13 | 64139-18 | BLT-WLF 3/8-16X1-1/4  | 2   |
| 25-7 | 64-799   | WASHER, 13/32X1-9/32     | 2   | 25-14 | 92-07    | NUT-HEX 7/16-14       | 2   |
|      |          |                          |     | 25-15 | 4133528  | LABEL-ROLLBAR SPECS   | 1   |

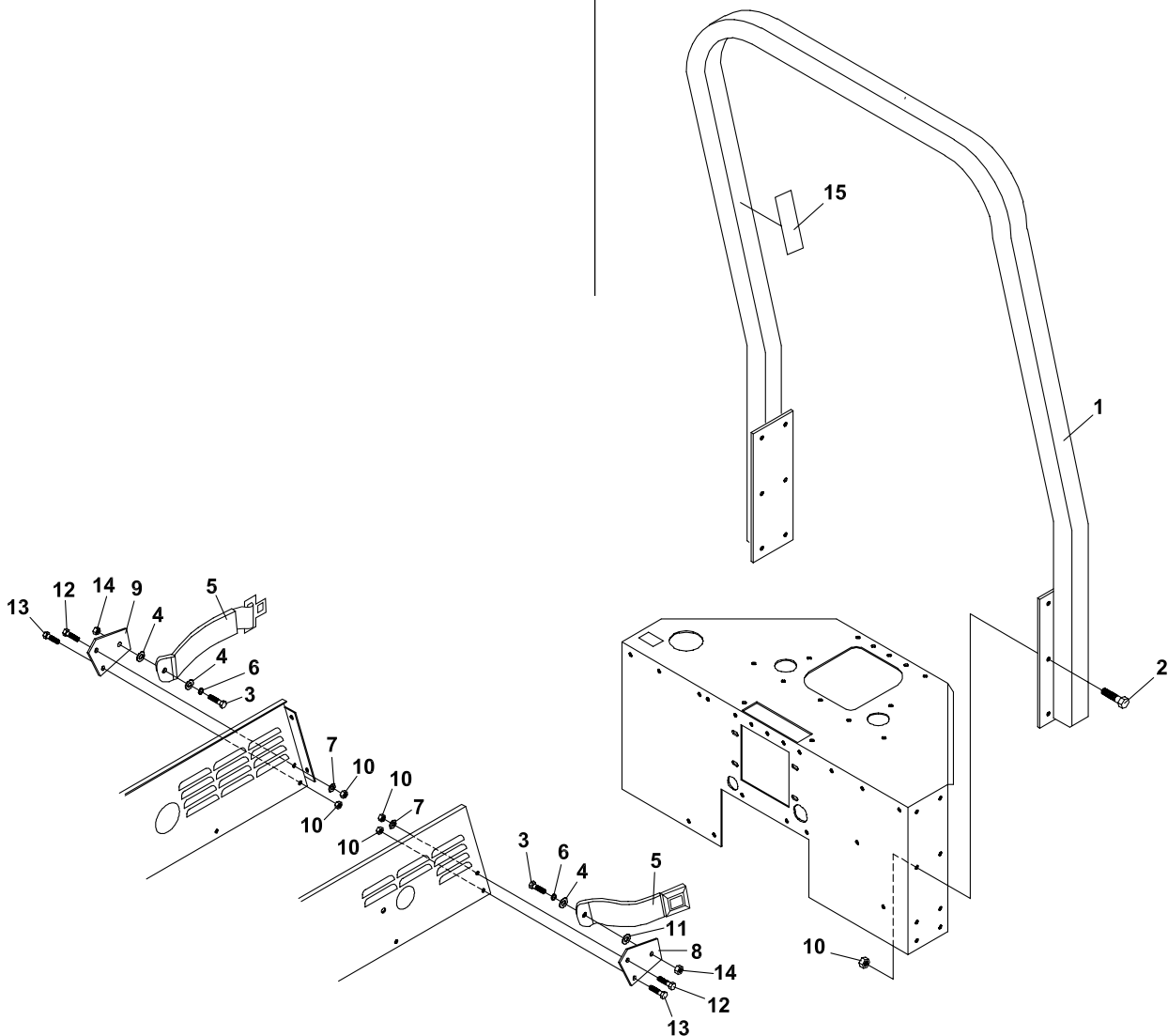


FIGURE 26

| ITEM | PART NO.  | DESCRIPTION          | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|------|-----------|----------------------|-----|------|----------|-------------|-----|
| 26-1 | 62-540.7  | WEIGHT, 50# BALLAST  | 2   |      |          |             |     |
| 26-2 | 64141-13  | NUT-WLF 1/2-13       | 2   |      |          |             |     |
| 26-3 | 62-830.7  | BASE, 220 WEIGHT BAR | 1   |      |          |             |     |
| 26-4 | 90-0808   | BOLT-1/2X1           | 2   |      |          |             |     |
| 26-5 | 64-865.7  | SECURITY BAR         | 1   |      |          |             |     |
| 26-6 | 02-PP0313 | PIN 3/16X1.5/8       | 1   |      |          |             |     |

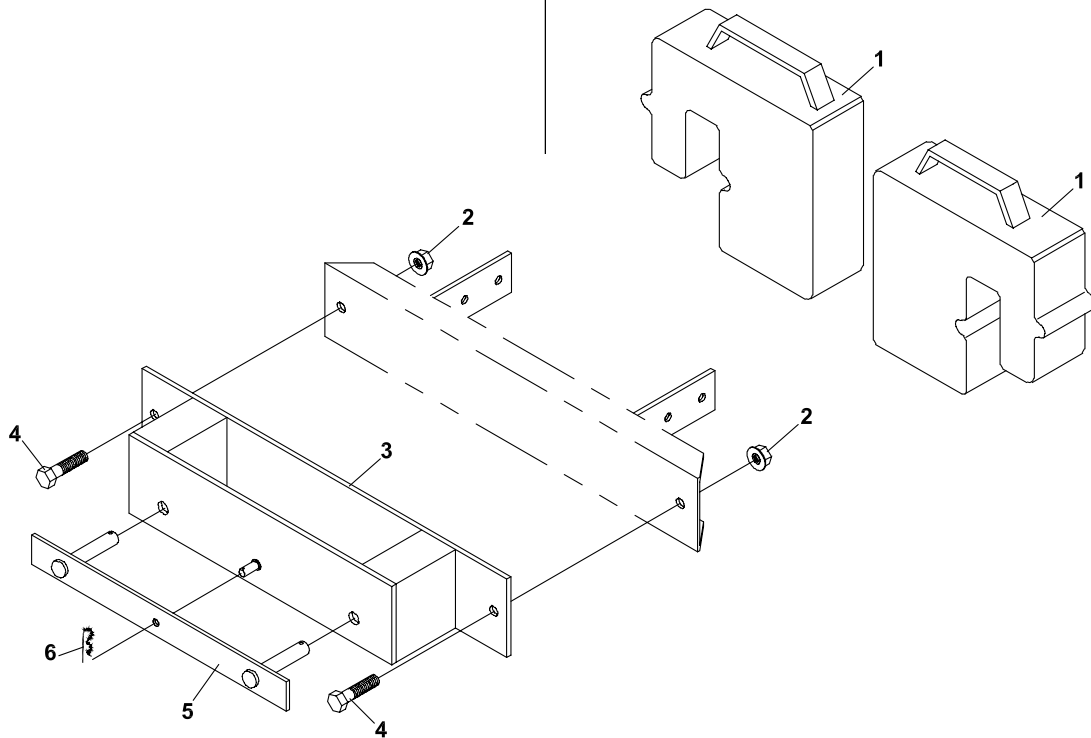
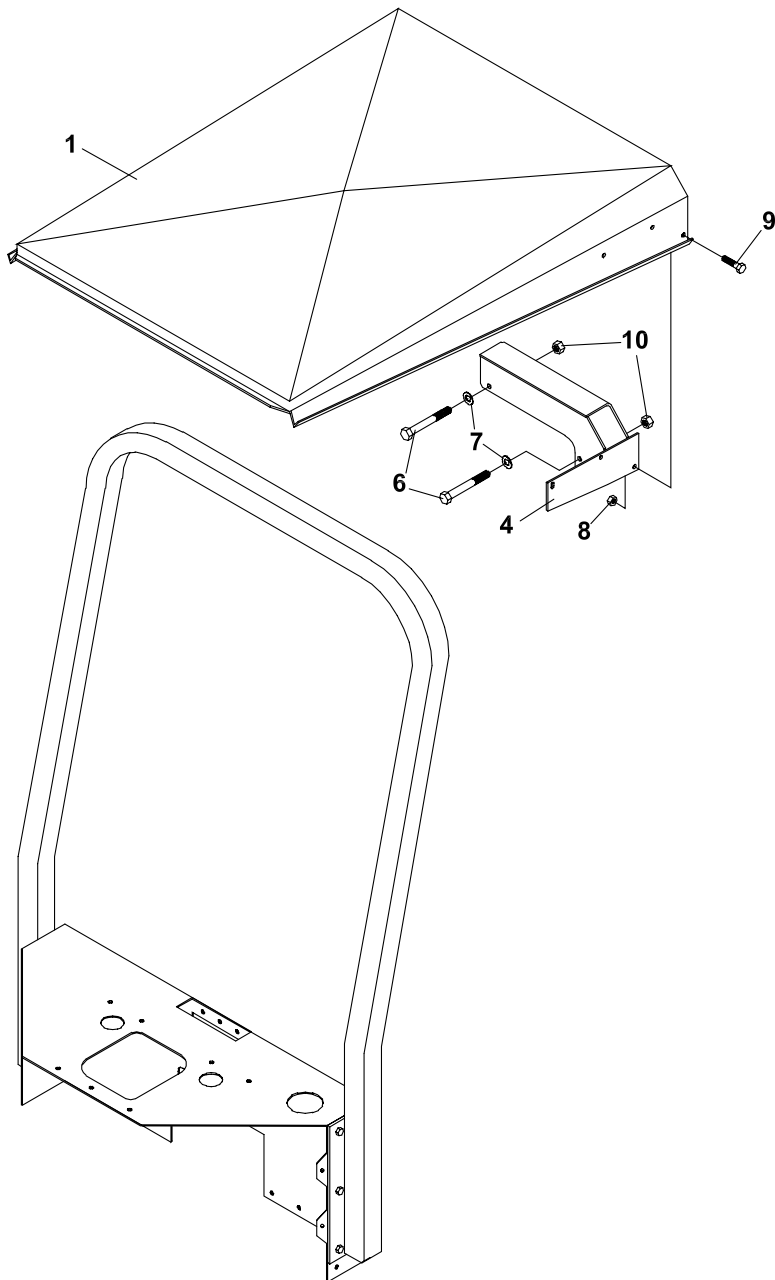


FIGURE 27

| ITEM | PART NO.   | DESCRIPTION          | QTY | ITEM  | PART NO. | DESCRIPTION          | QTY |
|------|------------|----------------------|-----|-------|----------|----------------------|-----|
| 27-1 | 6106001.17 | CANOPY, 230          | 1   | 27-7  | 64163-61 | WSHR .81X.406X16GA   | 4   |
| 27-2 | * 6106009  | CANOPY HEADLINER     | 1   | 27-8  | 64141-6  | NUT, 5/16-18         | 6   |
| 27-3 | * 4128372  | LABEL-STEINER DIECUT | 1   | 27-9  | 64139-08 | BOLT-5/16-18X3/4 WLF | 6   |
| 27-4 | 6106020.7  | MOUNT, CANOPY RH     | 1   | 27-10 | F3013    | NUT, FLANGED LOCK    | 4   |
| 27-5 | 6106021.7  | MOUNT, CANOPY LH     | 1   |       |          |                      |     |
| 27-6 | 64123-75   | BOLT, 3/8-16X3 HEX   | 4   |       |          | * NOT ILLUSTRATED    |     |



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**BOB-CAT BROUWER BUNTON CUSHMAN RYAN STEINER**