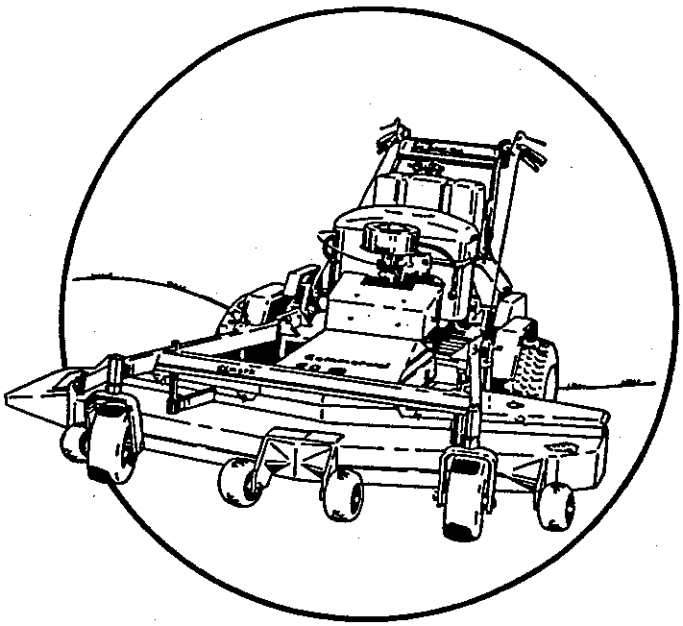
**For Serial Nos.**
**70,000 & Higher**

eXmark MFG. CO. INC.

# Turf Tracer Hydro



## Parts Manual

**CONGRATULATIONS** on the purchase of your new Exmark mower. This product has been carefully designed and manufactured to give you a maximum amount of dependability and years of trouble-free operation.

If additional information is needed, or should you require trained mechanic service, contact your authorized Exmark equipment dealer or distributor.

If you need to order replacement parts from your dealer, always give the model number and serial number of your mower as well as the quantity, part number and description of the part needed.

The serial number plate of the tractor unit is located on the top right hand side of the engine frame. The serial number plate for the deck is located on the front support pin gusset on the right hand side of the deck. We suggest you record numbers for ready reference.

**Tractor Model No.** _____

**Tractor Unit Serial No.** _____

**Deck Model No.** _____

**Deck Serial No.** _____

**Date Purchased** _____

**Purchased From** _____

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MODELS TTH-18KO & TTH-14K


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## Safety Recommendations For All Exmark Mower Users

Recommended practices from the International Safety Organizations Specifications for power lawn mowers.

### Training

1. Regard the Exmark mower as a piece of power equipment and teach this regard to all who operate this unit.
2. Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
3. Never allow children, young teenagers, or people unfamiliar with these instructions to use the mower.
4. Avoid mowing while people, especially children or pets, are nearby. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

### Preparation

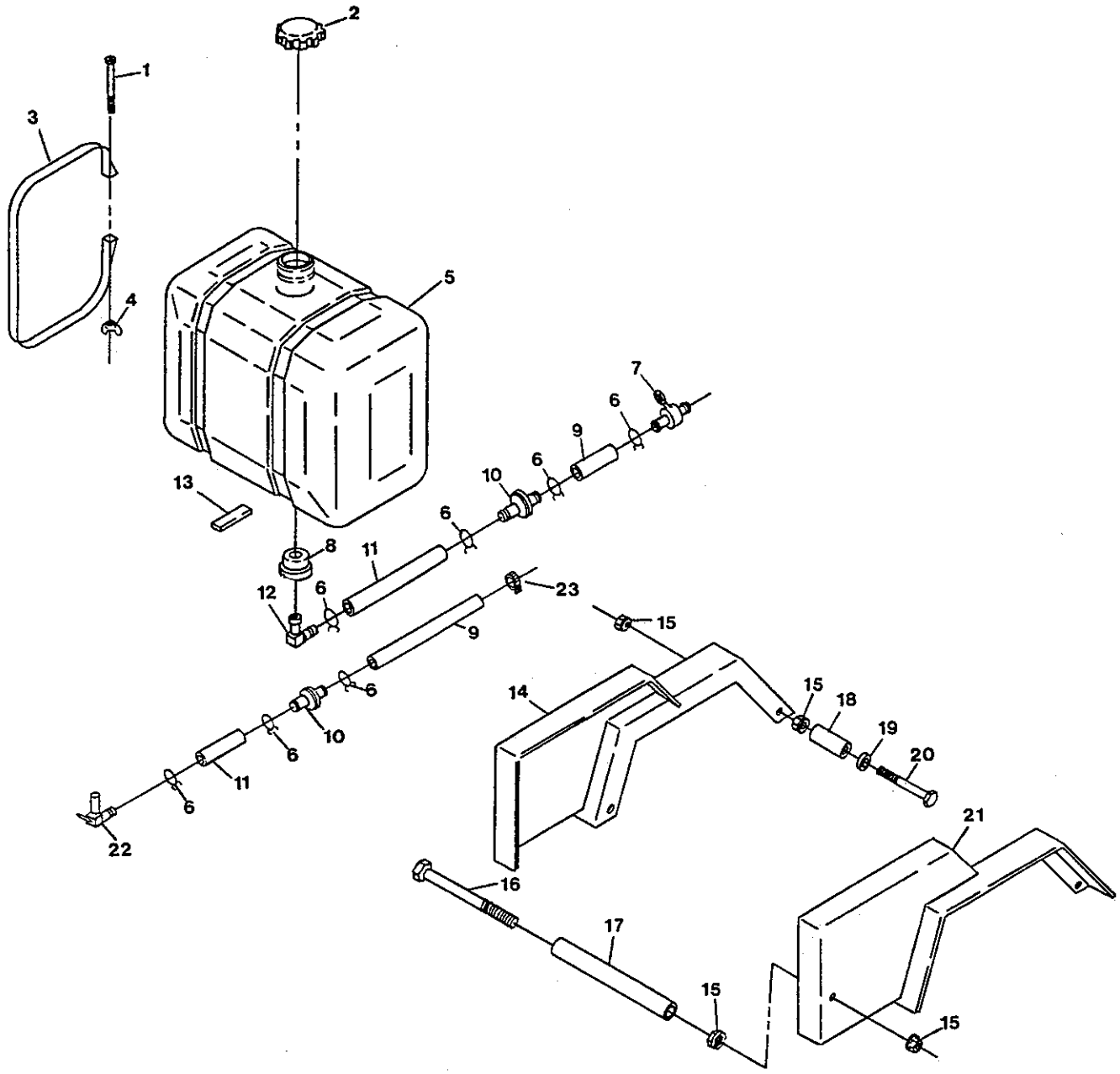
1. The use of personal protective equipment, such as (but not limited to) protection for the eyes, ears, feet and head is recommended.
2. While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandles.
3. Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wires, bones and other foreign objects.
4. Always place the mower in the neutral lock position before starting the engine.
5. DANGER: Fuel is highly flammable.
   a) Store fuel in containers specifically designed for this purpose.
   b) Refuel outdoors only. Do not smoke while refueling.
   c) Add fuel before starting the engine. Never remove the cap of the fuel tank or add fuel while engine is running or when engine is hot.
   d) If fuel is spilled, do not attempt to start the engine. Move away from the area of the spill and avoid creating any source of ignition until fuel vapors have dissipated.

### Operation

1. Give complete, undivided attention to the job at hand.
2. Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
3. Mow only in daylight or good artificial light.
4. Avoid operating the equipment in wet grass, when feasible. Always be sure of your footing on slopes. Walk, never run.
5. Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
6. Use extreme caution when backing up or pulling the mower towards you.
7. Stop the blade(s) if mower has to be tilted for transportation, when crossing surfaces other than grass, and when transporting the mower to and from the area to be mowed.
8. Never operate the mower with defective guards, shields, or without safety devices in place, for example, deflectors.
9. Do not change the engine governor settings or overspeed the engine. Operating an engine at excessive speed may increase the hazard of personal injury.
10. Disengage all blade and drive clutches before starting.
11. Start the engine or switch on the motor carefully with feet well away from the blade(s).
12. Do not put hands or feet near rotating parts while the mower is being operated.
13. Never pick up or carry a mower while the engine is running.
14. Stop the engine and disconnect the spark plug wire:
    a) Before checking, cleaning or working on the mower
    b) After striking a foreign object (inspect the mower for damage and make repairs before restarting and operating the mower).



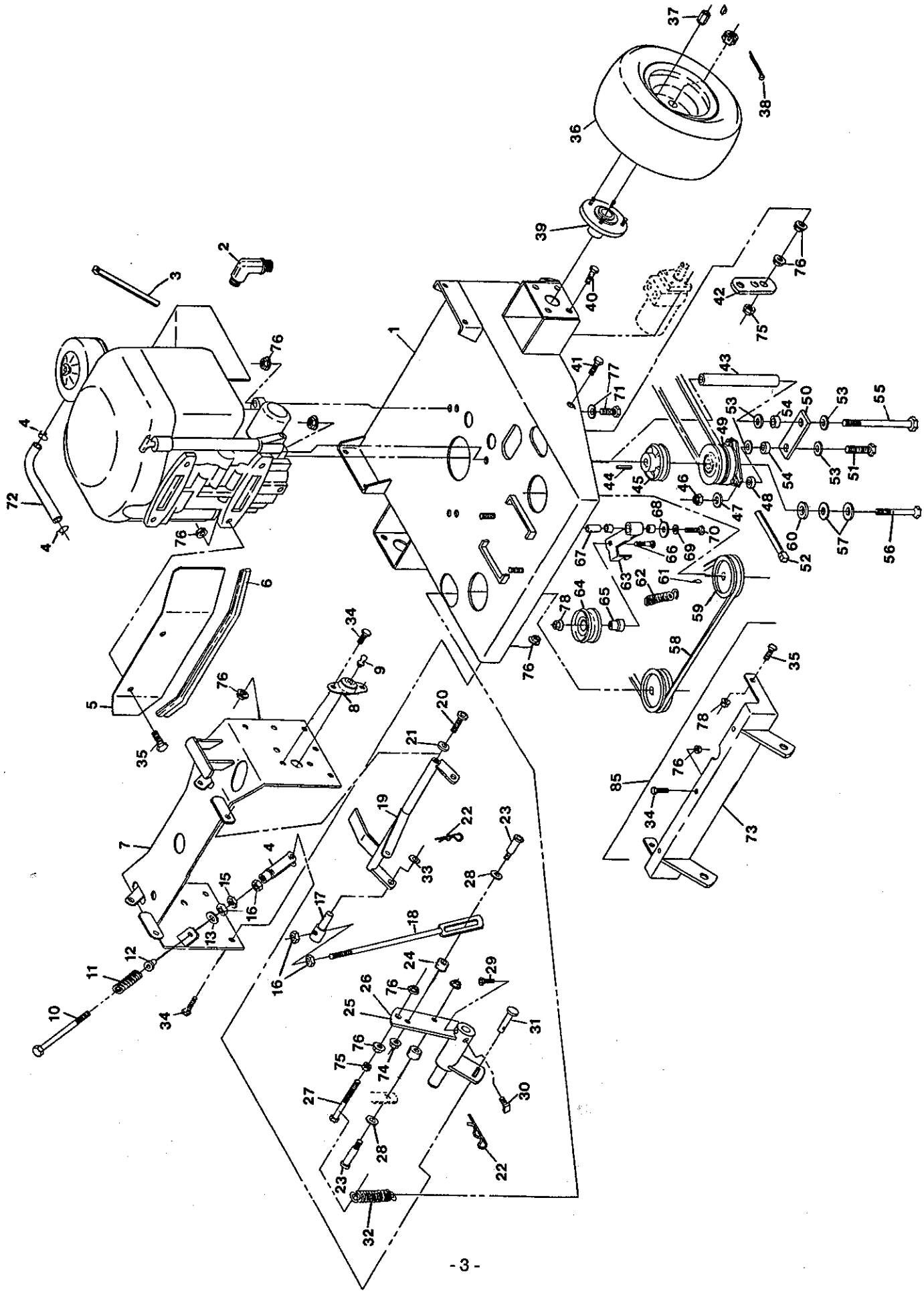
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# FUEL GROUP & FENDERS

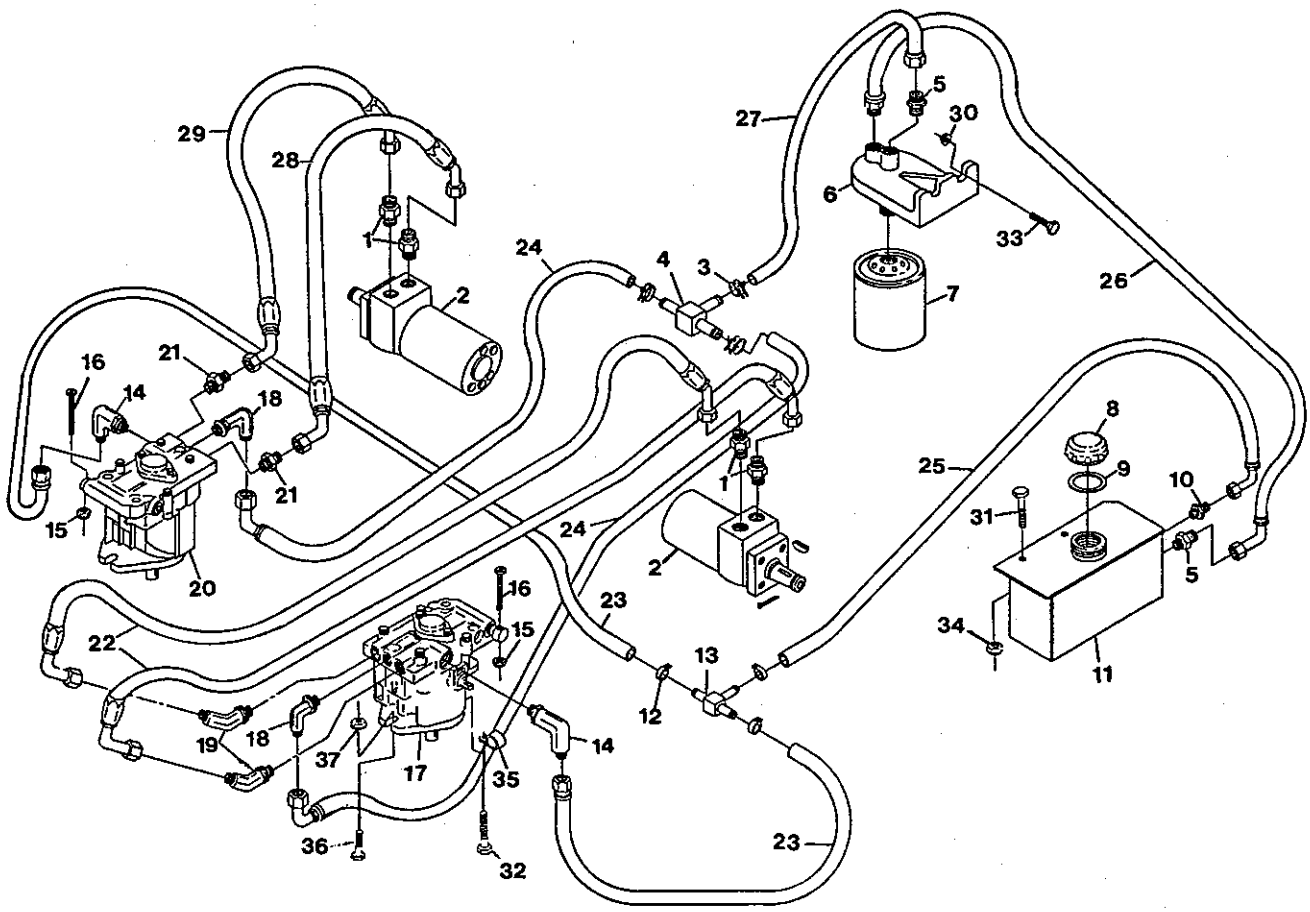
| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 801062 | 2 | Machine Screw .25-20 x 3 |
| 2 | 513508 | 1 | Gas Cap |
| 3 | 303465 | 2 | Strap - 5 Gal. Fuel |
| 4 | 543792 | 2 | Wingnut - 1/4 Nyloc |
| 5 | 543364 | 1 | Gas Tank |
| 6 | 303077 | 4 | Clamp - Gas Line (Kohler) |
| | | 3 | Clamp - Gas Line (Kawasaki) |
| 7 | 603770 | 1 | Valve - Gas (Kohler) |
| 8 | 513645 | 1 | Bushing - Fuel |
| 9 | 603776 | 1 | Hose - Gas Line (Kohler) |
| | 543525 | 1 | Hose - Gas Line (Kawasaki) |
| 10 | 303197 | 1 | Gas Filter |
| 11 | 543649 | 1 | Hose - Gas Line (Kohler) |
| | 303307 | 1 | Hose - Gas Line (Kawasaki) |

| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 12 | 543277 | 1 | Elbow - Fuel Tank (Kohler) |
| 13 | 303315 | 2 | Gas Tank Pad |
| 14 | 602473 | 1 | Fender Weldment LH |
| 15 | 809007 | 12 | 3/8-16 Whizlock Nut |
| 16 | 800307 | 4 | 3/8-16 x 5.5 HHCS |
| 17 | 603775 | 4 | Spacer - Fender |
| 18 | 603494 | 2 | Fender Spacer |
| 19 | 303327 | 2 | 3/8 Disc Spring Washer |
| 20 | 800034 | 2 | 3/8-16 x 4 HH Tap |
| 21 | 602475 | 1 | Fender Weldment RH |
| 22 | 513646 | 1 | Valve - Fuel Shut Off (Kawasaki) |
| 23 | 303308 | 1 | Hose Clamp (Kawasaki) |



# ENGINE DECK GROUP

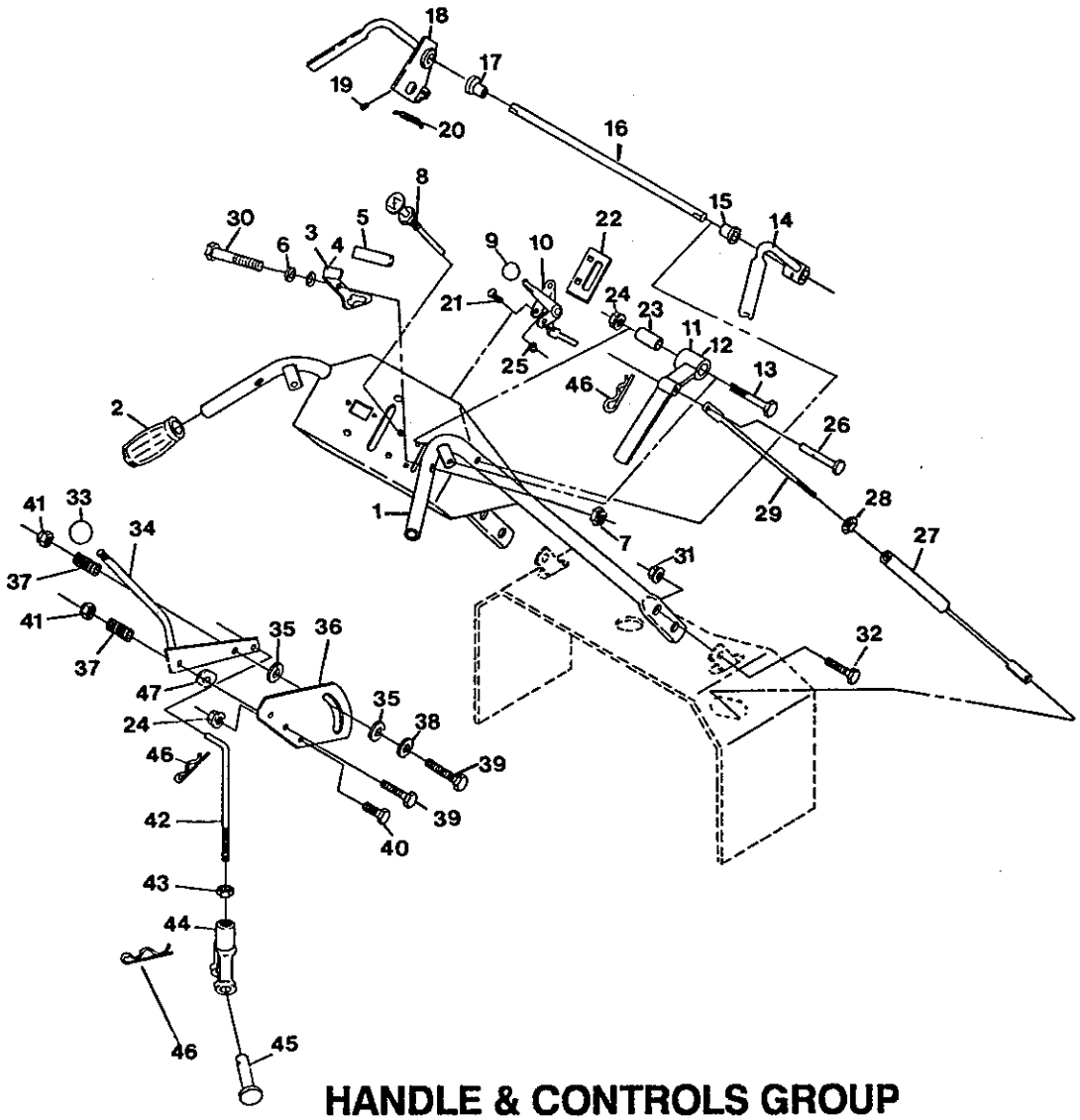
| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 602746 | 1 | Engine Deck Weldment |
| 2 | 303431 | 1 | Elbow - 90° Street Brass (Kohler) |
| 3 | 303287 | 1 | Plastic Tie |
| 4 | 303077 | 2 | Clamp - Gas Line |
| 5 | 603613 | 1 | Heat Shield (Kohler Only) |
| 6 | 603615 | 1 | Seal Trim (Kohler Only) |
| 7 | 602744 | 1 | Support Weldment - Tank/Handle |
| 8 | 543514 | 2 | Side Flange Mounting |
| 9 | 811006 | 2 | Grease Fitting 1/4-28 Straight |
| 10 | 603737 | 2 | Bolt - Neutral Return |
| 11 | 603807 | 2 | Spring - Neutral Return |
| 12 | 603735 | 2 | Bearing - Nylon Flanged |
| 13 | 805256 | 2 | 1/4 Standard Flatwasher |
| 14 | 303105 | 2 | Yoke - Adjustable |
| 15 | 804758 | 2 | 5/16-24 Jam Nut |
| 16 | 804521 | 8 | 5/16-24 Regular Nut |
| 17 | 603676 | 2 | Swivel |
| 18 | 602742 | 2 | Rod - Control Arm |
| 19 | 602695 | 1 | Crank Weldment |
| 20 | 809056 | 2 | .375 x .375 HSHSS |
| 21 | 805259 | 2 | 3/8 SAE Washer |
| 22 | 806003 | 4 | Hairpin Cotter |
| 23 | 809057 | 4 | .312 x .750 HSHSS |
| 24 | 603903 | 4 | Spacer |
| 25 | 602671 | 1 | Arm Weldment - Control RH |
| 26 | 602673 | 1 | Arm Weldment - Control LH |
| 27 | 800274 | 2 | 5/16-18 x 1-1/4 HHCS |
| 28 | 805257 | 4 | Washer - 5/16 SAE |
| 29 | 809058 | 2 | #10-24 x 3/4 Hex Sckt Hd Cpscrw |
| 30 | 803022 | 2 | 5/16-18 x 5/8 Sq Hd Cuppoint Setscrew |
| 31 | 808280 | 2 | Clevis Pin |
| 32 | 603693 | 2 | Spring - Extension |
| 33 | 805257 | 6 | 5/16 SAE Washer |
| 34 | 800271 | 12 | 5/16-18 x 3/4 HHCS |
| 35 | 800292 | 4 | 3/8-16 x 1 HHCS |
| 36 | 603714 | 2 | Tire and Wheel Assembly |
| 37 | 513011 | 8 | Wheel Nut |
| 38 | 806800 | 2 | Cotter Pin |
| 39 | 603666 | 2 | Hub 4 Bolt Taper |
| 40 | 803045 | 8 | 3/8-18 x 3/4 Whizlock Bolt |
| 41 | 800016 | 2 | 5/16-18 x 1-1/4 Hx Tap Bolt |
| 42 | 603801 | 2 | Anchor - Spring |
| 43 | 603469 | 1 | Standoff - Clutch |
| 44 | 807270 | 1 | 1/4 x 1/4 x 3/4 Machine Key |
| 45 | 603589 | 1 | Sheave - 4.25 O.D. |
| 46 | 804256 | 1 | 5/16-18 Hex Nyloc Nut |
| 47 | 805258 | 1 | 5/16 Standard Flatwasher |
| 48 | 323093 | 1 | Neutral Return Spacer |
| 49 | 603539 | 1 | Clutch - Warner Electric |
| 50 | 543004 | 1 | Anchor - Electric Clutch |
| 51 | 800275 | 1 | 5/16-18 x 1-1/2 HHCS |
| 52 | 303335 | 2 | Plastic Tie - Large |
| 53 | 213069 | 4 | Washer |
| 54 | 543007 | 2 | Spacer - Clutch Anchor |
| 55 | 800282 | 1 | 5/16-18 x 7.0 HHCS (Kohler) |
| | 809049 | 1 | M8 x 1.25 x 150 mm HHCS (Kaw.) |
| 56 | 800820 | 1 | 7/16-20 x 3 HHCS (Kohler) |
| | 809050 | 1 | M10 x 1.5 x 70 mm HHCS (Kaw.) |
| 57 | 603610 | 2 | Spring - 7/16 Disc |
| 58 | 603809 | 1 | Belt - Hydro Trans Drive |
| 59 | 603778 | 2 | Sheave - Pump |
| 60 | 603609 | 1 | Bushing - Clutch Keeper |
| 61 | 807272 | 2 | Machine Key 5 mm sq x 25 mm |
| 62 | 603402 | 1 | Spring - Extension |
| 63 | 602521 | 1 | Idler Arm Assy - Engine Deck With Bearings |
| | 602458 | 1 | Arm Weldment - Idler |
| 64 | 603843 | 1 | Idler Pulley |
| 65 | 603496 | 1 | Idler Bushing |
| 66 | 807517 | 1 | 3/8-16 x 1-3/4 HHCS |
| 67 | 603044 | 1 | Bushing - Idler Pivot |
| 68 | 373034 | 1 | Washer Pivot |
| 69 | 805006 | 1 | 3/8 Hvy Spring Lockwasher |
| 70 | 800298 | 1 | 3/8-16 x 2-1/2 HHCS |
| 71 | 303334 | 4 | 5/16 Disc Spring Washer (Kaw. Only) |
| 72 | 303426 | 1 | Hose - Gas Line |
| 73 | 602438 | 1 | Hitch Weldment |
| 74 | 809012 | 4 | 1/4-20 Whizlock Nut |
| 75 | 804256 | 2 | 5/16-18 Nyloc Nut |
| 76 | 809001 | 24 | 5/16-18 Whizlock Nut |
| 77 | 800275 | 3 | 5/16-18 x 1-1/2 HHCS (Kohler Only) |
| | 809018 | 3 | M8 x 1.25 x 30 mm HHCS (Kawasaki Only) |
| 78 | 809007 | 5 | 3/8-16 Whizlock Nut |
| 79 | | 1 | Engine - 14 HP Kawasaki |
| | | 1 | Engine - 18 HP Kohler |
| 80 | | 1 | Air Filter - Kohler #45-083-02 |
| | | 1 | Air Filter - 14 HP Kawasaki #11013-2110 |
| 81 | | 1 | Foam Precleaner - Kohler #45-083-01 |
| | | 1 | Foam Precleaner - Kawasaki #11013-2109 |
| 82 | | 1 | Oil Filter - Kohler #52-050-02 |
| | | 1 | Oil Filter - Kawasaki #49065-2071 |
| 83 | 603306 | 1 | Mower Drive Belt (60" Mower Deck) |
| | 603582 | 1 | Mower Drive Belt (52" Mower Deck) |
| 84 | 513034 | 2 | Bearing Pivot |
| 85 | 601000 | 1 | Hitch - Sulky |




# HYDRAULICS GROUP

| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 603779 | 4 | Fitting |
| 2 | 603718 | 2 | Motor - Wheel |
| 3 | 603827 | 3 | Hose Clamp |
| 4 | 603721 | 1 | Fitting - 3/8 Hose Tee |
| 5 | 513510 | 2 | Connector - Male |
| 6 | 603720 | 1 | Head - Filter |
| 7 | 513211 | 1 | Element - Oil Filter |
| 8 | 513167 | 1 | Cap - Hydraulic Reservoir |
| 9 | 523103 | 1 | Gasket - Tank Cap |
| 10 | 513583 | 1 | Connector - Male |
| 11 | 513166 | 1 | Reservoir - Hydraulic Fluid |
| 12 | 603826 | 3 | Hose Clamp |
| 13 | 603722 | 1 | Fitting - 1/4 Hose Tee |
| 14 | 513840 | 2 | Elbow - 90° |
| 15 | 804255 | 2 | 1/4-20 Nyloc Nut |
| 16 | 801060 | 2 | 1/4-20 x 2 Pan Head Slotted Machine Screw |
| 17 | 603841 | 1 | Pump - Hydro RH |
| 18 | 513197 | 2 | Elbow - .563-18 IC x .438 O-Ring |
| 19 | 513838 | 2 | Elbow - 45° |

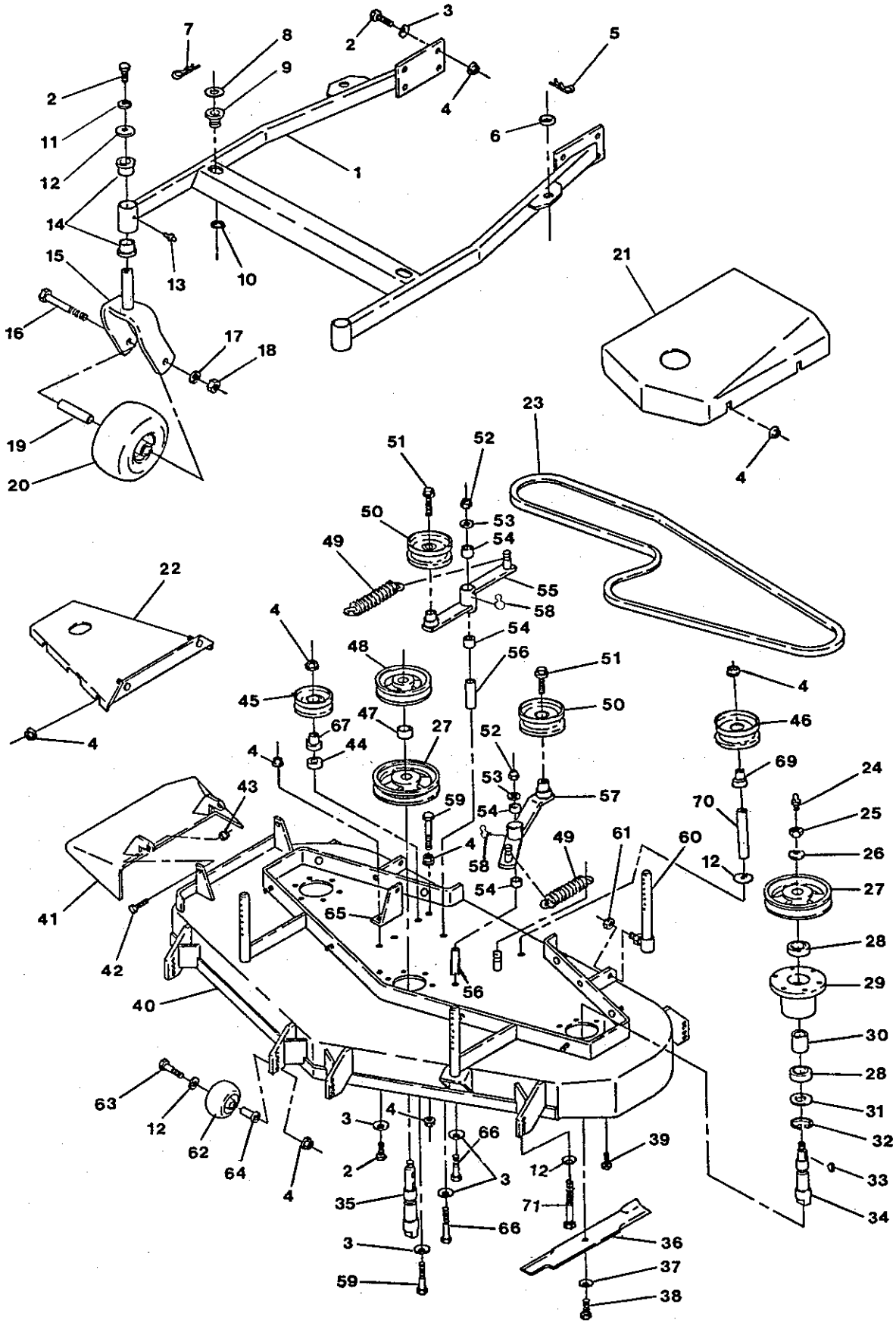
| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 20 | 603840 | 1 | Pump - Hydro LH |
| 21 | 603758 | 2 | Adapter - Straight Thread |
| 22 | 603723 | 2 | Hose RH ABPP/FRMP |
| 23 | 602750 | 2 | Hose Assembly - Case Drain |
| 24 | 602752 | 2 | Hose Assembly - Charge Pump |
| 25 | 602756 | 1 | Hose Assembly - Tank Return |
| 26 | 513832 | 1 | Hose Assembly - Supply |
| 27 | 602754 | 1 | Hose Assembly - Charge Line |
| 28 | 603726 | 1 | Hose LH APP/RMP |
| 29 | 603725 | 1 | Hose LH BPP/FMP |
| 30 | 809001 | 2 | 5/16-18 Whizlock Nut |
| 31 | 800252 | 2 | 1/4-20 x 3/4 HHCS |
| 32 | 800293 | 1 | 3/8-16 x 1-1/4 HHCS |
| 33 | 800272 | 2 | 5/16-18 x 1.0 HHCS |
| 34 | 809012 | 2 | 1/4-20 Whizlock Nut |
| 35 | 603727 | 1 | Clip - .56 Loom |
| 36 | 800292 | 3 | 3/8-16 x 1 HHCS |
| 37 | 809007 | 4 | 3/8-16 Whizlock Nut |




# HANDLE & CONTROLS GROUP

| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 602740 | 1 | Handle Weldment - Hydro |
| 2 | 303097 | 2 | Grip - Handle |
| 3 | 603769 | 1 | Latch - Hydro Drive Lever LH |
| 4 | 603767 | 1 | Latch - Hydro Drive Lever RH |
| 5 | 303019 | 2 | Grip - Vinyl Latch |
| 6 | 303435 | 4 | 1/4 Disc Spring Washer |
| 7 | 804255 | 2 | 1/4-20 Nyloc Nut |
| 8 | 603336 | 1 | Choke Control Push/Pull (Kohler Only) |
| 9 | 513592 | 1 | Knob - Red Ball |
| 10 | 603199 | 1 | Throttle Control (Kohler) |
| | 323129 | 1 | Throttle Control (Kawasaki) |
| 11 | 602839 | 1 | Drive Lever Weldment - RH |
| 12 | 602837 | 1 | Drive Lever Weldment - LH |
| 13 | 800256 | 2 | 1/4-20 x 1-1/2 HHCS |
| 14 | 302138 | 1 | Lever Weldment - OPC RH |
| 15 | 303365 | 1 | Nylon Bushing |
| 16 | 303364 | 1 | Connecting Rod |
| 17 | 303369 | 1 | Bushing - Flanged |
| 18 | 602507 | 1 | Lever Weldment - OPC |
| 19 | 803322 | 2 | Setscrew |
| 20 | 303363 | 1 | Actuator Spring |
| 21 | 807513 | 2 | #10-24 x 1/2 RHSN |
| 22 | 543974 | 1 | Plate - Throttle (Kohler) |
| 23 | 603749 | 2 | Bushing - Drive Lever |
| 24 | 809012 | 4 | 1/4-20 Whizlock Nut |

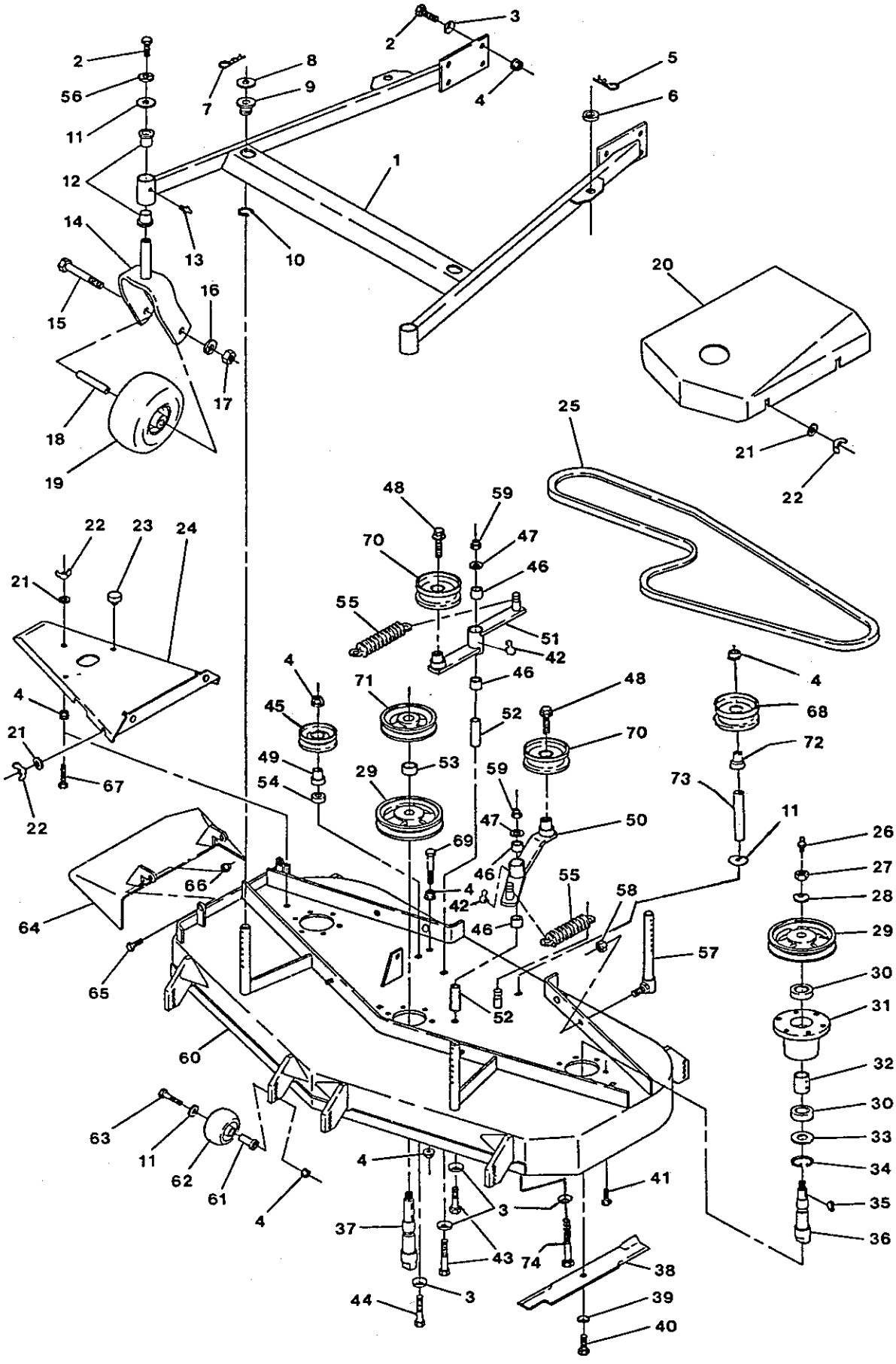
| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 25 | 804252 | 2 | #10-24 Nyloc Hex Nut |
| 26 | 603792 | 2 | Pin - Clevis |
| 27 | 602692 | 2 | Housing Weldment |
| 28 | 804506 | 2 | 5/16-18 Reg Nut |
| 29 | 603705 | 2 | Rod - Brake Lever Assembly |
| 30 | 800257 | 2 | 1/4-20 x 1-3/4 HHCS |
| 31 | 809007 | 4 | 3/8-16 Whizloc Nut |
| 32 | 800292 | 4 | 3/8-16 x 1 HHCS |
| 33 | 603175 | 1 | Knob - 1-3/8 |
| 34 | 602733 | 1 | Lever Weldment - Shift |
| 35 | 603701 | 2 | Washer - Friction |
| 36 | 603730 | 1 | Plate - Shifter Lever |
| 37 | 603325 | 2 | Spring - Compression |
| 38 | 603716 | 1 | Washer - Friction |
| 39 | 800277 | 2 | 5/16-18 x 2 HHCS |
| 40 | 800252 | 2 | 1/4-20 x 3/4 HHCS |
| 41 | 804256 | 2 | 5/16-18 Nyloc Nut |
| 42 | 603700 | 1 | Rod - Speed Control |
| 43 | 804758 | 1 | 5/16 Jam Nut |
| 44 | 303105 | 1 | Yoke - Adjustable |
| 45 | 808280 | 1 | Clevis Pin |
| 46 | 806003 | 3 | Hairpin Cotter |
| 47 | 805257 | 1 | 5/16 Flatwasher |


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# 52" MOWER DECK

| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 602573 | 1 | Support Weldment - Deck |
| 2 | 800292 | 12 | 3/8-16 x 1 HH Capscrew |
| 3 | 303327 | 13 | 3/8 Disc Spring |
| | | 14 | Kawasaki |
| 4 | 809007 | 31 | Nut - 3/8-16 Whizlock |
| | | 32 | Kawasaki |
| 5 | 806006 | 2 | 5/8 Hairpin |
| 6 | 303164 | 2 | Spacer - Blade Driver |
| 7 | 806007 | 2 | 7/8 Hairpin |
| 8 | 513338 | 2 | Washer |
| 9 | 513336 | 2 | Bushing - Deck Support |
| 10 | 808507 | 2 | Ring - Ext. Retaining |
| 11 | 805006 | 2 | 3/8 Hvy. Spring Lockwasher |
| 12 | 373034 | 8 | Washer - Pivot |
| | | 9 | Kawasaki |
| 13 | 811001 | 2 | 1/8 NPT Straight Zerk |
| 14 | 303044 | 4 | Flange Thrust Bearing |
| 15 | 512894 | 2 | Weld Assy - Caster Fork |
| 16 | 800334 | 2 | 1/2-13 x 6 HH Capscrew |
| 17 | 805008 | 2 | 1/2 Reg Spring Lockwasher |
| 18 | 804509 | 2 | 1/2-13 Reg Hex Nut |
| 19 | 513547 | 2 | Spacer - Front Caster |
| 20 | 513648 | 2 | Wheel & Tire Assy - 9 x 3.50-4 |
| | 513807 | 2 | Wheel |
| | 513808 | 2 | Tire 9 x 3.50-4 |
| | 513809 | 2 | Bearing |
| | 513810 | 4 | Bushing |
| 21 | 603547 | 1 | Cover - Deck Drive Belt |
| 22 | 602545 | 2 | Cover - Deck Weldment |
| 23 | 603576 | 1 | Belt - Blade Drive |
| 24 | 811006 | 3 | Zerk - 1/4-28 Straight |
| 25 | 804510 | 3 | 5/8-18 UNF Hex Nut |
| 26 | 513208 | 3 | Spring - Disk |
| 27 | 513207 | 3 | Sheave - Blade Drive |
| 28 | 303057 | 6 | Bearing - Ball 305K |
| 29 | 513186 | 3 | Housing - Bearing |
| 30 | 513188 | 3 | Spacer - Bearing |
| 31 | 513193 | 3 | Seal - Mech. Dust |
| 32 | 808506 | 3 | Snap Ring - 2.59 x 08TK |
| 33 | 807006 | 4 | #61 Woodruff Key |
| 34 | 603031 | 2 | Spindle - Outer Blade |
| | 604262 | 1 | Drive Assy - Outer Blade |
| 35 | 603022 | 1 | Spindle - Center Blade |
| | 604621 | 1 | Drive Assy - Center Blade |

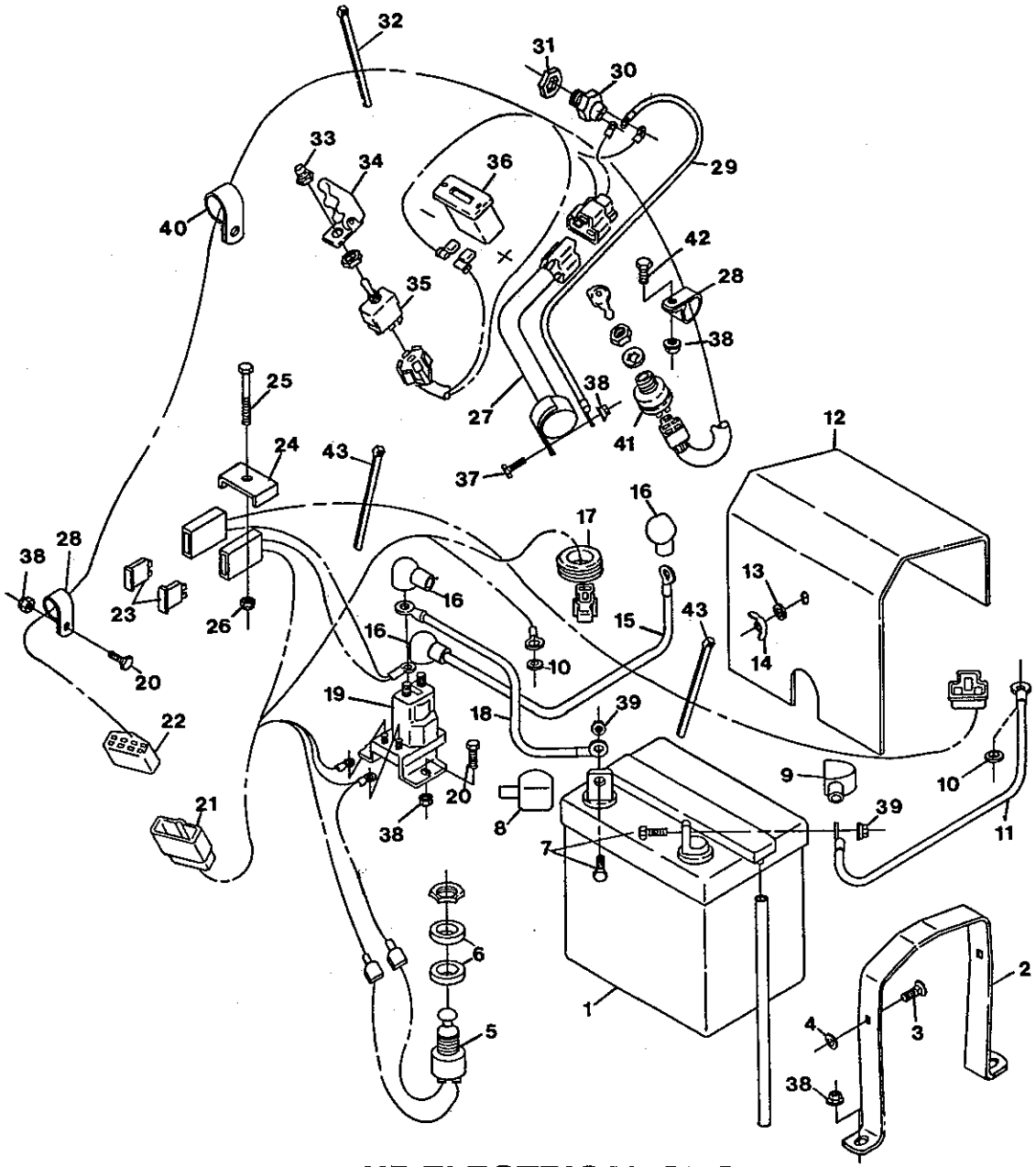
| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 36 | 603637 | 3 | Blade - 18.0 Diameter |
| 37 | 513435 | 3 | 1/2 Disc Spring Washer |
| 38 | 800531 | 3 | 1/2-20 x 1 HH Capscrew RH |
| 39 | 809035 | 18 | 3/8-16 x 1.0 TT Hex Washer Hd Bolt |
| 40 | 602575 | 1 | Deck Weldment - 52" SD |
| 41 | 602571 | 1 | Chute Weldment - Discharge |
| 42 | 800273 | 2 | 5/16-18 x 1 HH Capscrew |
| 43 | 804256 | 2 | 5/16-18 Nyloc Hex Nut |
| 44 | 603050 | 1 | Bushing - Spacer |
| 45 | 513787 | 1 | Pulley - V-Idler |
| 46 | 603805 | 1 | Idler (Kawasaki) |
| 47 | 603504 | 1 | Spacer - Tube |
| 48 | 603581 | 1 | Sheave - Mower Drive |
| 49 | 603413 | 2 | Spring - Extension |
| 50 | 603497 | 2 | Idler Pulley |
| 51 | 803016 | 2 | 3/8-16 x 1 Whizlock Bolt G5 |
| 52 | 804257 | 2 | 3/8-16 Hex Nyloc Nut Plated |
| 53 | 805260 | 6 | 3/8 Std. Flatwasher |
| 54 | 513034 | 4 | Bearing - Pivot |
| 55 | 602604 | 1 | Idler Arm Assy w/Bearings |
| | 602591 | 1 | Arm Weldment - Deck Idler |
| 56 | 603384 | 2 | Bushing - Idler Pivot |
| 57 | 602865 | 1 | Idler Arm Assy Deck Drive w/Bearings |
| | 602867 | 1 | Arm Weldment Deck Drive Idler |
| 58 | 811008 | 2 | Zerk - 1/4-28 x 90° |
| 59 | 800297 | 2 | 3/8-16 x 2-1/4 Hx Hd Cpscrew G5 |
| 60 | 603540 | 2 | Link - Rear Deck Support |
| 61 | 803031 | 2 | 3/8-24 Torque Nut |
| 62 | 603299 | 6 | Roller - Anti Scalp |
| 63 | 800806 | 6 | 3/8-16 x 3.75 HHCS Gr. 8 |
| 64 | 603602 | 6 | Bushing - Roller |
| 65 | 603620 | 1 | Bracket - Spring Anchor |
| 66 | 800805 | 2 | 38-16 x 3.5 Gr. 8 HH Cpscrew |
| 67 | 603496 | 1 | Bushing - Idler |
| 68 | 543678 | 4 | Wingnut - Nylon Insert |
| 69 | 513791 | 1 | Bushing (Kawasaki) |
| 70 | 603494 | 1 | Spacer (Kawasaki) |
| 71 | 800302 | 1 | 3/8-16 x 4 HHCS (Kawasaki) |


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# 60" MOWER DECK

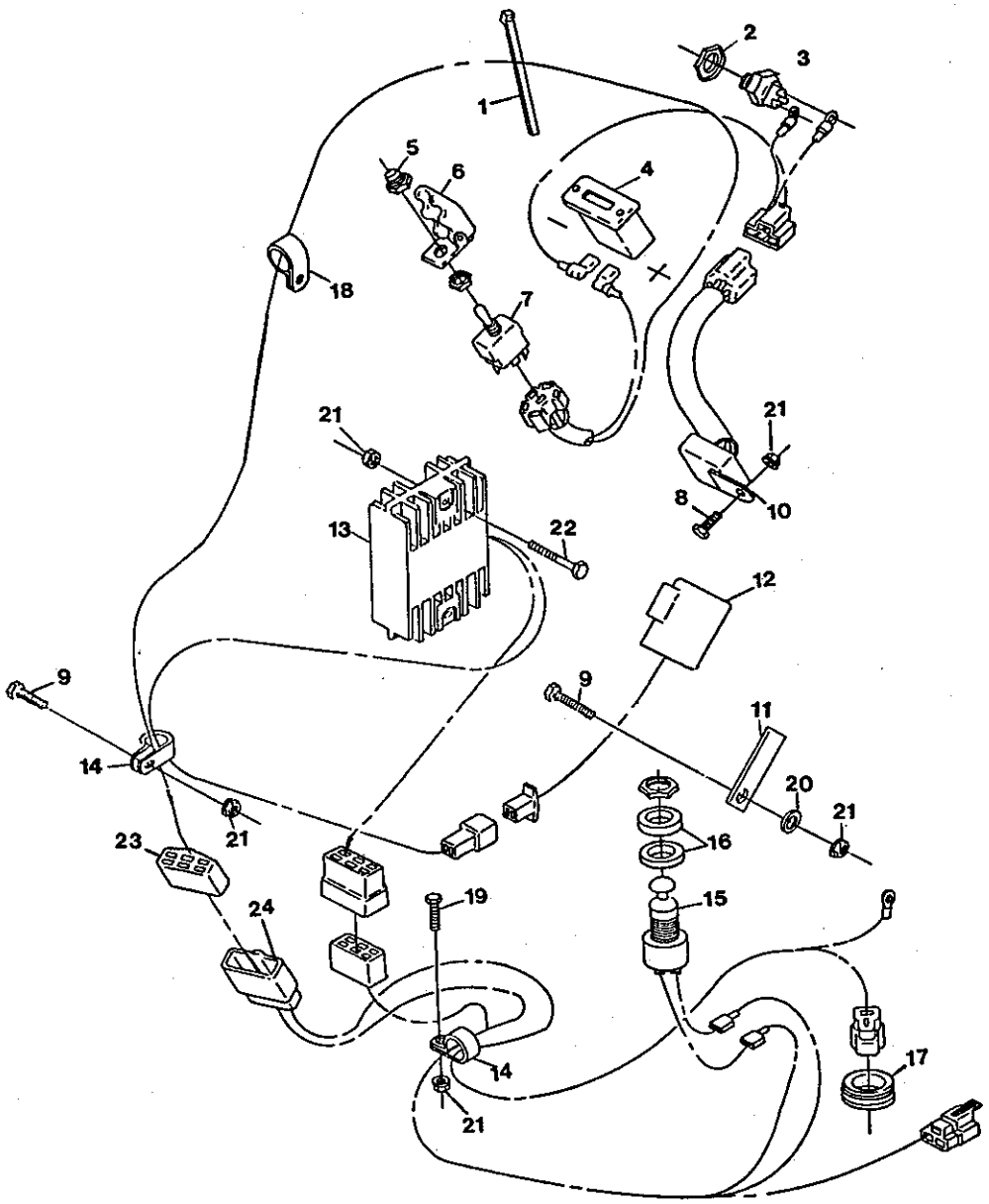
| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 602593 | 1 | Support Wldmt, Dk. Pltd. |
| 2 | 800292 | 8 | 3/8-16 x 1 HH Capscrew |
| 3 | 303327 | 9 | 3/8 Disc Spring Washer |
| | | 10 | Kawasaki |
| 4 | 809007 | 17 | 3/8-16 Flng. Hex Nut |
| | | 18 | Kawasaki |
| 5 | 806006 | 2 | 5/8" Hairpin |
| 6 | 303164 | 2 | Blade Driver Spacer |
| 7 | 806007 | 2 | 7/8" Hairpin |
| 8 | 513338 | 2 | Washer |
| 9 | 513336 | 2 | Bushing, Deck Support |
| 10 | 808507 | 2 | Ring, Ext. Retaining |
| 11 | 373034 | 8 | Washer, Pivot |
| | | 9 | Kawasaki |
| 12 | 303044 | 4 | Flange Thrust Bearing |
| 13 | 811001 | 2 | 1/8 NPT Straight Zerk |
| 14 | 512894 | 2 | Weld Assy - Caster Fort |
| 15 | 800334 | 2 | Screw - 1/2-13 x 6 HHC-5 |
| 16 | 805008 | 2 | 1/2 Reg Spring Lockwasher |
| 17 | 804509 | 2 | 1/2-13 Reg Hex Nut |
| 18 | 513547 | 2 | Spacer, Front Caster |
| 19 | 513648 | 2 | 9 x 3.50-4 W & T Assy. |
| | 513807 | 2 | Wheel |
| | 513808 | 2 | Tire 9 x 3.50-4 |
| | 513809 | 2 | Bearing |
| | 513810 | 4 | Bushing |
| 20 | 543584 | 1 | Cover, Deck Drive Belt |
| 21 | 805259 | 10 | Washer, Flat - 3/8 |
| 22 | 543678 | 10 | Wingnut - Nylon Insert |
| 23 | 513291 | 2 | Bumper, Seat |
| 24 | 542588 | 2 | Cover, Decik Wldmt. - Pltd. |
| 25 | 603045 | 1 | Belt - Blade Drive |
| 26 | 811006 | 3 | Zerk, 1/4-28 Strt. |
| 27 | 804510 | 3 | 5/8-18 UNF Hex Nut |
| 28 | 513208 | 3 | Spring, Disk |
| 29 | 513207 | 3 | Sheave, Blade Drive |
| 30 | 303057 | 6 | Bearing, Ball 305K |
| 31 | 513186 | 3 | Housing, Bearing |
| 32 | 513188 | 3 | Spacer, Bearing |
| 33 | 513193 | 3 | Seal, Mech. Dust |

| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 34 | 808506 | 3 | Snap Ring, 2.59 x 08 TK |
| 35 | 807006 | 4 | #61 Woodruff Key |
| 36 | 603031 | 2 | Spindle - Outer Blade |
| | 604262 | 2 | Outer Housing - Complete |
| 37 | 603022 | 1 | Spindle - Center Blade |
| | 604261 | 1 | Center Housing - Complete |
| 38 | 603283 | 3 | Blade - 20.5 Diameter |
| 39 | 513435 | 3 | Washer, Spring Disc 1/2 |
| 40 | 800531 | 3 | 1/2-20 x 1 HHCS RH |
| 41 | 809035 | 18 | Bolt - 3/8-16 x 1.0 Tap |
| 42 | 811008 | 2 | Zerk - 1/4-28 x 90° |
| 43 | 800805 | 2 | 3/8-16 x 3.5 Hx Hd Capscrew |
| 44 | 800297 | 1 | 3/8-16 x 2-1/4 Hx Hd Capscrew |
| 45 | 513787 | 1 | Pulley - V-Idler |
| 46 | 513034 | 4 | Bearing Pivot |
| 47 | 805260 | 2 | 3/8 Standard Flat Washer |
| 48 | 803016 | 2 | Bolt - 3/8-16 x 1 Whizlock |
| 49 | 513787 | 1 | Pulley - V Idler |
| 50 | 602867 | 1 | Arm Weld - Dk. Dr. Idler |
| | 602865 | 1 | Idler Arm Assy w/Bearings |
| 51 | 602591 | 1 | Arm Weld - Dk. Idler Arm |
| | 602604 | 1 | Idler Arm Assy w/Bearings |
| 52 | 603384 | 2 | Bushing - Idler Pivot |
| 53 | 603504 | 1 | Spacer - Tuber |
| 54 | 603050 | 1 | Bushing - Spacer Pltd. |
| 55 | 603413 | 2 | Spring |
| 56 | 805006 | 2 | 3/8 Heavy Spring Lockwasher |
| 57 | 603540 | 2 | Link, Rear Deck Support |
| 58 | 803031 | 2 | 3/8-24 Torque Nut |
| 59 | 804257 | 2 | 3/8-16 Hex Nyloc Nut |
| 60 | 602585 | 1 | Weld Assy - 60" Deck |
| 61 | 603602 | 6 | Bushing - Roller |
| 62 | 603299 | 6 | Roller - Anti Scalp |
| 63 | 800806 | 6 | Capscrew 3/8-16 x 3.75 G8 |
| 64 | 542606 | 1 | Chute Wldmt., Discharge |
| 65 | 800273 | 2 | 5/16-18 x 1 HH Capscrew |
| 66 | 804256 | 2 | 5/16-18 Nyloc Hex Nut |
| 67 | 800031 | 2 | 3/8-16 x 2-3/4 HHTB |
| 68 | 603805 | 1 | Idler (Kawasaki) |
| 69 | 800297 | 1 | 3/8-16 x 2-1/4 HH Capscrew |
| 70 | 603497 | 2 | Idler - 4" Flat |
| 71 | 603410 | 1 | Sheave - Mower Drive |
| 72 | 513791 | 1 | Bushing (Kawasaki) |
| 73 | 603494 | 1 | Spacer (Kawasaki) |
| 74 | 800302 | 1 | 3/8-16 x 4 HHCS (Kawasaki) |




# 18 HP ELECTRICAL GROUP

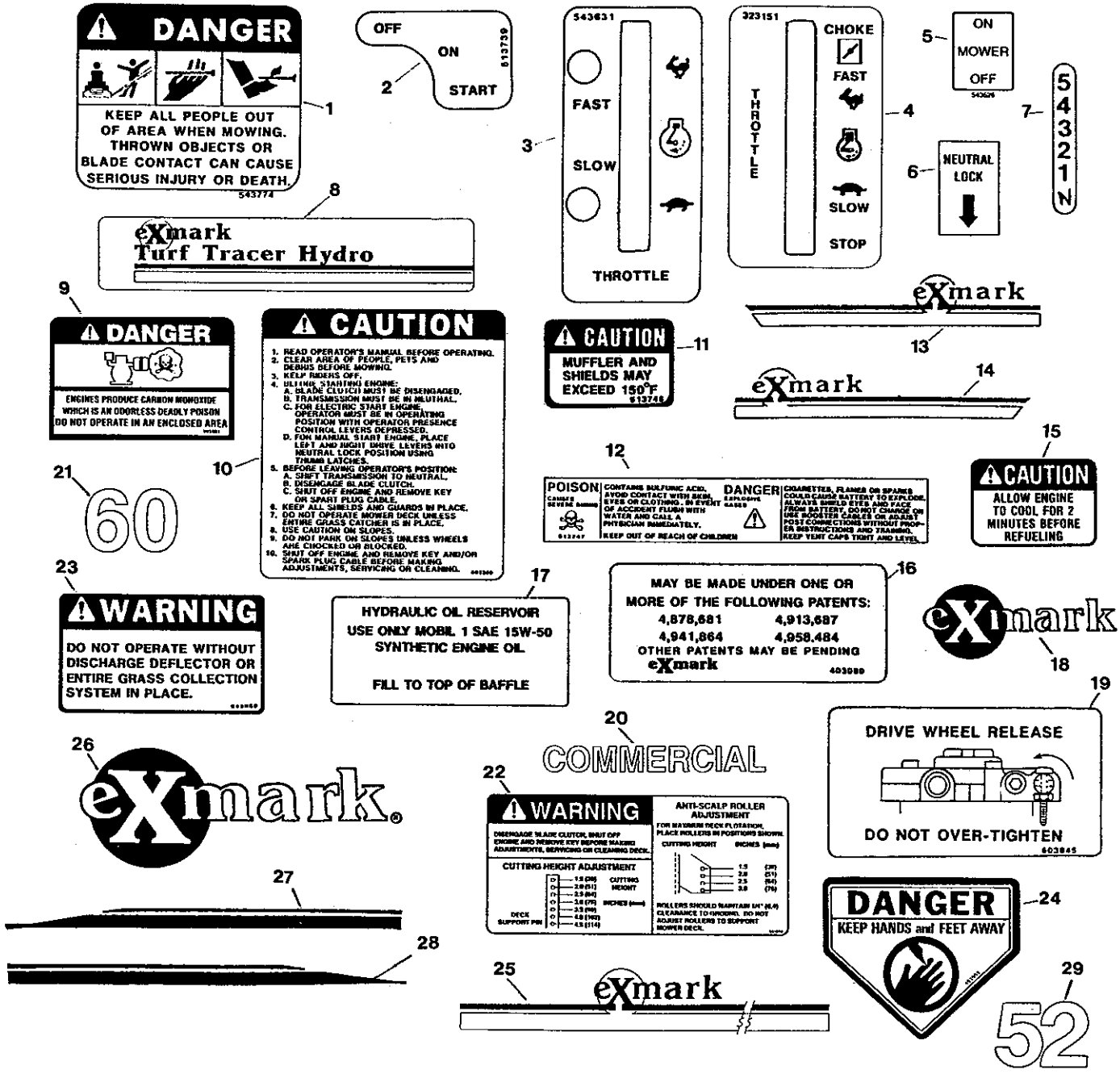
| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 603479 | 1 | Battery - 12 V Manifold |
| 2 | 603814 | 1 | Strap - Battery Holddown |
| 3 | 807512 | 2 | 1/4-20 x 3/4 Carriage Bolt |
| 4 | 803037 | 2 | 1/4-20 Retaining Nut |
| 5 | 603760 | 1 | Switch - Push Button |
| 6 | 303164 | 2 | Spacer |
| 7 | 800271 | 2 | 5/16-18 x 3/4 HHCS |
| 8 | 543391 | 1 | Insulator - Battery + |
| 9 | 543390 | 1 | Insulator - Battery - |
| 10 | 805506 | 2 | 5/16 Internal Tooth Lockwasher |
| 11 | 513056 | 1 | Wire - Ground |
| 12 | 603105 | 1 | Cover - Battery Debris |
| 13 | 805256 | 2 | 1/4 Standard Flatwasher |
| 14 | 803038 | 2 | 1/4-20 Wingnut |
| 15 | 513582 | 1 | Wire - Starter |
| 16 | 543393 | 3 | Insulator - Solenoid |
| 17 | 543286 | 1 | Grommet |
| 18 | 513053 | 1 | Wire - Positive Battery |
| 19 | 513075 | 1 | Switch - 12V Solenoid |
| 20 | 800250 | 3 | 1/4-20 x 1/2 HHCS |
| 21 | 603793 | 1 | Harness - Engine Deck |
| 22 | 603487 | 1 | Harness - Console Wire |
| 23 | 816001 | 2 | Fuse - Blade 20 amp |
| 24 | 603434 | 1 | Clip - Fuse Block |
| 25 | 800256 | 1 | 1/4-20 x 1-1/2 HHCS |
| 26 | 804255 | 1 | 1/4-20 Nyloc Nut |
| 27 | 513579 | 1 | Module - Safety Interlock |
| 28 | 513762 | 2 | Clip - .50 Loom |
| 29 | 603491 | 1 | Wire - Ground |
| 30 | 303372 | 1 | Operator Control Switch |
| 31 | 803034 | 1 | 9/16-18 Palnut |
| 32 | 303335 | 1 | Plastic Tie - Large |
| 33 | 543386 | 1 | Boot -Toggle Switch |
| 34 | 543388 | 1 | Guard - Toggle Switch |
| 35 | 543387 | 1 | Switch - Toggle |
| 36 | 513374 | 1 | Meter - Engine Hour |
| 37 | 800250 | 1 | 1/4-20 x 1/2 HHCS |
| 38 | 809012 | 7 | 1/4-20 Whizlock Nut |
| 39 | 809001 | 2 | 5/16-18 Whizlock Nut |
| 40 | 603727 | 1 | Clip - .56 Loom |
| 41 | 513194 | 1 | Switch - Ignition |
| 42 | 800254 | 1 | 1/4-20 x 1.0 HHCS |




# 14 HP ELECTRICAL GROUP

| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 303335 | 1 | Plastic Tie - Large |
| 2 | 803034 | 1 | 9/16-18 Palnut |
| 3 | 303372 | 1 | Operator Control Switch |
| 4 | 513374 | 1 | Meter - Engine Hours |
| 5 | 543386 | 1 | Boot - Toggle Switch |
| 6 | 543388 | 1 | Guard - Toggle Switch |
| 7 | 543387 | 1 | Switch - Toggle |
| 8 | 800250 | 1 | 1/4-20 x 1/2 HHCS |
| 9 | 800251 | 2 | 1/4-20 x 5/8 HHCS |
| 10 | 323145 | 1 | Module - Safety Interlock |
| 11 | 603655 | 1 | Mount - Condensor |
| 12 | | 1 | Condensor - Kawasaki #21013-2064 |
| 13 | | 1 | Regulator - Kawasaki #21066-2071 |

| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 14 | 513762 | 2 | Clip - Loom |
| 15 | 603760 | 1 | Switch - Push Button |
| 16 | 303164 | 2 | Spacer |
| 17 | 543286 | 1 | Grommet |
| 18 | 603727 | 1 | Clip - .56 Loom |
| 19 | 800250 | 1 | 1/4-20 x 1/2 HHCS |
| 20 | 805256 | 1 | 1/4 Standard Flatwasher |
| 21 | 809012 | 6 | 1/4-20 Whizlock Nut |
| 22 | 800254 | 2 | 1/4-20 x 1 HHCS |
| 23 | 603657 | 1 | Harness - Console Wire |
| 24 | 603856 | 1 | Harness - Engine Deck |




# DECALS

| KEY | PART # | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 543774 | 1 | Decal - Danger |
| 2 | 513739 | 1 | Decal - Ignition |
| 3 | 543631 | 1 | Decal - Throttle |
| 4 | 323151 | 1 | Decal - Throttle (14 HP) |
| 5 | 543626 | 1 | Decal - Mower Switch |
| 6 | 303102 | 2 | Decal - Neutral Lock |
| 7 | 603804 | 1 | Decal - Shifter |
| 8 | 603828 | 1 | Decal - TTZ Console |
| 9 | 303481 | 1 | Decal - Carbon Monoxide |
| 10 | 603350 | 1 | Decal - Instructional |
| 11 | 513746 | 1 | Decal - Muffler |
| 12 | 513747 | 1 | Decal - Battery |
| 13 | 603484 | 1 | Decal - Clutch Cover LH |
| 14 | 603485 | 1 | Decal - Clutch Cover RH |
| 15 | 303293 | 1 | Decal - 2 Minute Cool |
| 16 | 403080 | 1 | Patent Number |
| 17 | 513890 | 1 | Decal - Hyd Tank |
| 18 | 303205 | 1 | Small Exmark Label |
| 19 | 603845 | 1 | Decal - Hydro Drive Wheel Release |
| 20 | 543663 | 1 | Decal - Commercial |
| 21 | 543664 | 1 | Decal - 60" |
| 22 | 543660 | 1 | Decal - Mower Deck |
| 23 | 543659 | 1 | Decal - Discharge Warning |
| 24 | 403005 | 2 | Danger Label |
| 25 | 543782 | 1 | Center Exmark Stripe (60" Deck) |
| | 603623 | 1 | Center Exmark Stripe (52" Deck) |
| 26 | 543788 | 1 | Decal - Exmark Large |
| 27 | 543780 | 1 | LH Exmark Stripe |
| 28 | 543781 | 1 | RH Exmark Stripe |
| 29 | 603622 | 1 | Decal - 52" |

15. Stop the engine:
    a) Whenever you leave the mower
    b) Before removing the grasscatcher
    c) Before refueling
    d) Before making height adjustments
    e) Before clearing blockages.
16. Reduce the throttle setting during engine run-out and, if the engine is provided with shut-off valve, turn the fuel off at the conclusion of mowing.

CAUTION

Although hazard control and accident prevention partially are dependent upon the design and configuration of the equipment, these factors are also dependent upon the awareness, concern, prudence, and proper training of the personnel involved in the operation, transport, maintenance and storage of the equipment. It is essential that all operator safety mechanisms be connected and in operating condition prior to use for mowing.

Maintenance and Storage

1. Precisely follow the engine manufacturer's recommendations for maintenance.
2. If carburetor adjustment is necessary, stand to one side and keep feet and hands clear while making adjustments.
3. Keep engine free from accumulation of grass, leaves or excessive grease. An accumulation of these combustible materials may result in a fire.
4. Store gasoline in a safe container in a cool, dry place.
5. Keep the mower and fuel container in locked storage to prevent children from playing or tampering with them.
6. Maximum mowing results and safety can only be achieved if the mower is maintained and operated correctly.
7. Gasoline powered equipment or fuel containers should not be stored in a basement or any closed area, where heat appliances or open pilot lights are present, unless completely drained of fuel.
8. Check mower cutter blade and engine mounting bolts frequently to maintain proper tightness.
9. Check grass catcher bag frequently for wear or deterioration. Replace worn bags. Check that replacement bags comply with original manufacturer's recommendations or specifications.
10. Pro Lock (retaining 1, maximum strength) is used on both pulleys on engine shaft and on blade spindle pulleys. Pro Lock (nut type, medium strength) is used on all set screws on Exmark Mowers.

CAUTION

FAILURE TO FOLLOW CAUTIOUS OPERATING PRACTICES CAN RESULT IN SERIOUS OPERATOR INJURY.

BE CAREFUL

1. Keep all shields in place, especially grass discharge guard.
2. Stop engine and remove spark plug wire to adjust or service.
3. When mower mechanism becomes clogged, stop engine before cleaning.
4. Keep hands, feet, and clothing away from power-driven parts.
5. Keep off mower unless seat or platform is provided.
6. Keep others off mower.

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