

# PARTS MANUAL



***WHITEMAN* SERIES**

**MODELS**

**JWN24HTCSL**

**JWN24HSCSL**

**RIDE-ON POWER TROWELS**

**(HONDA GX690RTAF GASOLINE ENGINE)**

**STARTING S/N VB0206952**

Revision #0 (08/15/11)

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publication, visit our website at:  
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**THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.**

**PN: 23625**

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#### NOTICE

Specifications and part numbers are subject to change without notice.

# PARTS ORDERING PROCEDURES

## Ordering parts has never been easier! Choose from three easy options:

Effective:  
January 1<sup>st</sup>, 2006



### Order via Internet (Dealers Only):

Order parts on-line using Multiquip's SmartEquip website!

- View Parts Diagrams
- Order Parts
- Print Specification Information



If you have an MQ Account, to obtain a Username and Password, E-mail us at: **parts@multiquip.com**.

To obtain an MQ Account, contact your District Sales Manager for more information.

Goto [www.multiquip.com](http://www.multiquip.com) and click on

**Order Parts** to log in and save!

Use the **internet** and qualify for a **5% Discount** on *Standard orders* for all orders which include complete part numbers.\*

Note: Discounts Are Subject To Change



### Order via Fax (Dealers Only):

All customers are welcome to order parts via Fax.

**Domestic (US) Customers dial:**

1-800-6-PARTS-7 (800-672-7877)

**Fax** your order in and qualify for a **2% Discount** on *Standard orders* for all orders which include complete part numbers.\*

Note: Discounts Are Subject To Change



**Order via Phone:** Domestic (US) Dealers Call:  
1-800-427-1244

### Non-Dealer Customers:

Contact your local Multiquip Dealer for parts or call 800-427-1244 for help in locating a dealer near you.



**International Customers** should contact their local Multiquip Representatives for Parts Ordering information.

## When ordering parts, please supply:

- |                                                                               |                                                                                            |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Dealer Account Number                                | <input type="checkbox"/> Specify Preferred Method of Shipment:                             |
| <input type="checkbox"/> Dealer Name and Address                              | <input checked="" type="checkbox"/> UPS/Fed Ex <input checked="" type="checkbox"/> DHL     |
| <input type="checkbox"/> Shipping Address (if different than billing address) | <input checked="" type="checkbox"/> Priority One <input checked="" type="checkbox"/> Truck |
| <input type="checkbox"/> Return Fax Number                                    | <input checked="" type="checkbox"/> Ground                                                 |
| <input type="checkbox"/> Applicable Model Number                              | <input checked="" type="checkbox"/> Next Day                                               |
| <input type="checkbox"/> Quantity, Part Number and Description of Each Part   | <input checked="" type="checkbox"/> Second/Third Day                                       |

### NOTICE

All orders are treated as *Standard Orders* and will ship the same day if received prior to 3PM PST.

WE ACCEPT ALL MAJOR CREDIT CARDS!



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## EXPLANATION OF CODE IN REMARKS COLUMN

The following section explains the different symbols and remarks used in the Parts section of this manual. Use the help numbers found on the back page of the manual if there are any questions.

### NOTICE

The contents and part numbers listed in the parts section are subject to change **without notice**. Multiquip does not guarantee the availability of the parts listed.

### SAMPLE PARTS LIST

| NO. | PART NO. | PART NAME            | QTY. | REMARKS             |
|-----|----------|----------------------|------|---------------------|
| 1   | 12345    | BOLT .....           | 1    | INCLUDES ITEMS W/%  |
| 2%  |          | WASHER, 1/4 IN. .... |      | NOT SOLD SEPARATELY |
| 2%  | 12347    | WASHER, 3/8 IN. ...  | 1    | MQ-45T ONLY         |
| 3   | 12348    | HOSE .....           |      | A/R ...MAKE LOCALLY |
| 4   | 12349    | BEARING .....        | 1    | S/N 2345B AND ABOVE |

### NO. Column

**Unique Symbols** — All items with same unique symbol

(@, #, +, %, or >) in the number column belong to the same assembly or kit, which is indicated by a note in the “Remarks” column.

**Duplicate Item Numbers** — Duplicate numbers indicate multiple part numbers, which are in effect for the same general item, such as different size saw blade guards in use or a part that has been updated on newer versions of the same machine.

### NOTICE

When ordering a part that has more than one item number listed, check the remarks column for help in determining the proper part to order.

### PART NO. Column

**Numbers Used** — Part numbers can be indicated by a number, a blank entry, or TBD.

TBD (To Be Determined) is generally used to show a part that has not been assigned a formal part number at the time of publication.

A blank entry generally indicates that the item is not sold separately or is not sold by Multiquip. Other entries will be clarified in the “Remarks” Column.

### QTY. Column

**Numbers Used** — Item quantity can be indicated by a number, a blank entry, or A/R.

A/R (As Required) is generally used for hoses or other parts that are sold in bulk and cut to length.

A blank entry generally indicates that the item is not sold separately. Other entries will be clarified in the “Remarks” Column.

### REMARKS Column

Some of the most common notes found in the “Remarks” Column are listed below. Other additional notes needed to describe the item can also be shown.

**Assembly/Kit** — All items on the parts list with the same unique symbol will be included when this item is purchased.

Indicated by:

“INCLUDES ITEMS W/(unique symbol)”

**Serial Number Break** — Used to list an effective serial number range where a particular part is used.

Indicated by:

“S/N XXXXX AND BELOW”

“S/N XXXX AND ABOVE”

“S/N XXXX TO S/N XXX”

**Specific Model Number Use** — Indicates that the part is used only with the specific model number or model number variant listed. It can also be used to show a part is NOT used on a specific model or model number variant.

Indicated by:

“XXXXX ONLY”

“NOT USED ON XXXX”

**“Make/Obtain Locally”** — Indicates that the part can be purchased at any hardware shop or made out of available items. Examples include battery cables, shims, and certain washers and nuts.

**“Not Sold Separately”** — Indicates that an item cannot be purchased as a separate item and is either part of an assembly/kit that can be purchased, or is not available for sale through Multiquip.



## SUGGESTED SPARE PARTS

### JWN24 SERIES RIDE-ON TROWEL, HONDA GX690RTAF-R280 24 HP ENGINE

#### 1 to 3 units

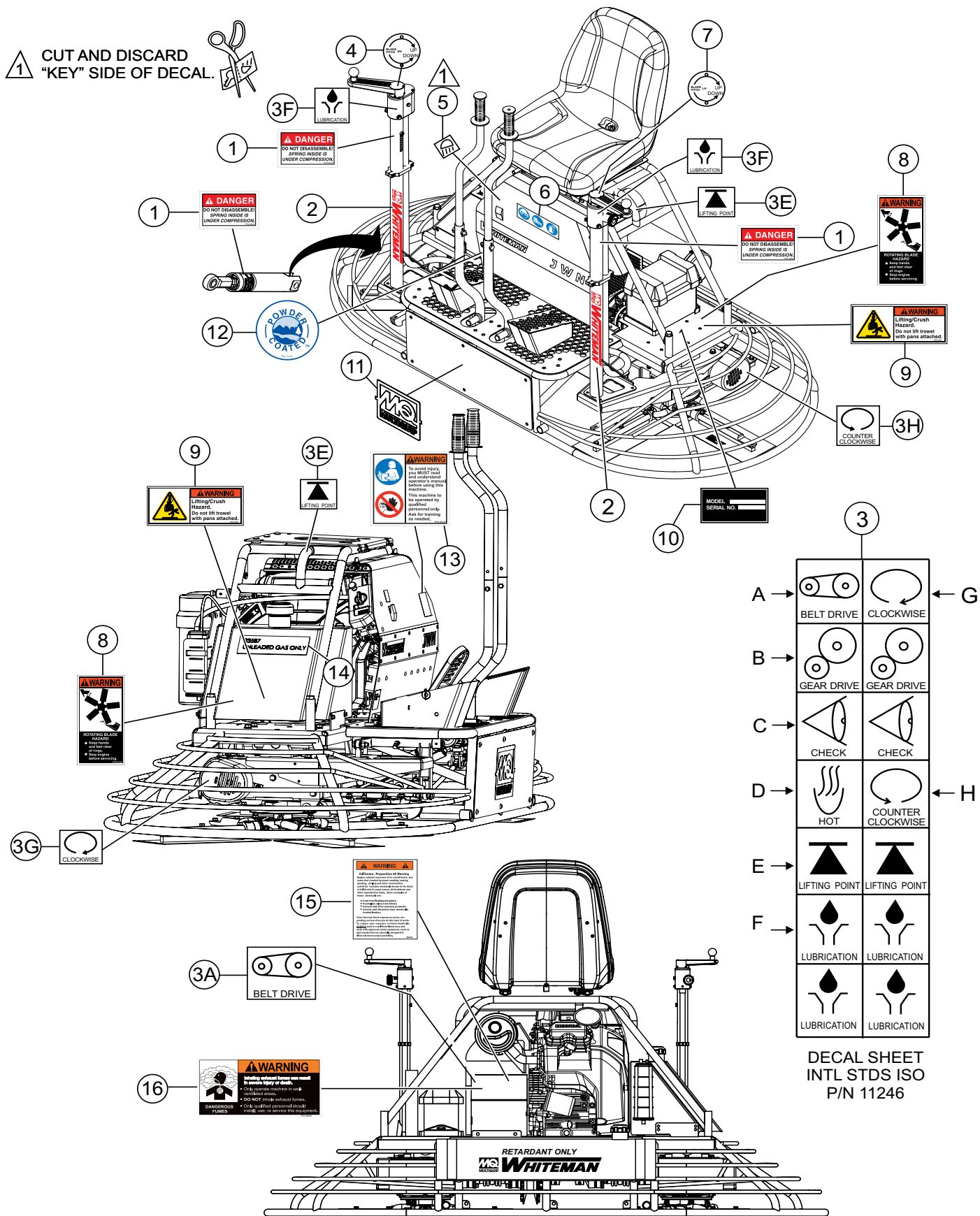
| Qty.    | P/N                | Description                  |
|---------|--------------------|------------------------------|
| 4.....  | 20409.....         | TROWEL ARM, (L.S.)           |
| 4.....  | 20408.....         | TROWEL ARM, (R.S.)           |
| 4.....  | 1163.....          | LEVER TROWEL ARM (R.S.)      |
| 4.....  | 1555.....          | LEVER TROWEL ARM (L.S.)      |
| 2.....  | 10968.....         | THRUST COLLAR KIT            |
| 2.....  | 20369.....         | SPIDER ASSY., 4-BLADE (L.S.) |
| 2.....  | 20370.....         | SPIDER ASSY., 4-BLADE (R.S.) |
| 20..... | 0166 A .....       | WASHER, SPIDER               |
| 20..... | 1876.....          | JAM NUT, SPIDER              |
| 20..... | 0164 B .....       | SCREW, SPIDER                |
| 4.....  | 1157 A .....       | BUSHING, SPIDER              |
| 4.....  | 1316.....          | SPRING, SPIDER (L.S.)        |
| 4.....  | 1317.....          | SPRING, SPIDER (R.S.)        |
| 20..... | 1875.....          | WASHER, SPIDER               |
| 20..... | 1322.....          | SCREW ASSY., ARM             |
| .....   | .....              | RETAINING, SPIDER            |
| 20..... | 1162 A .....       | CAP GREASE FITTING, SPIDER   |
| 1.....  | 23513.....         | BELT, DRIVE CVT              |
| 1.....  | 23514.....         | FUEL CAP/GAUGE (ENGINE)      |
| 1.....  | 23518.....         | CABLE, THROTTLE (FOOT PEDAL) |
| 6.....  | 2064.....          | ROD END, FEM RH 3/8-24       |
| .....   | .....              | (STEERING)                   |
| 4.....  | 2063.....          | ROD END, MALE RH 3/8-24      |
| .....   | .....              | (STEERING)                   |
| 2.....  | 11142.....         | ROD END, MALE RH 1/2-20      |
| .....   | .....              | (STEERING)                   |
| Qty.    | P/N                | Description                  |
| 10..... | 10031.....         | WASHER 1/4 IN.               |
| 1.....  | 23434.....         | SPRAY PUMP                   |
| 1.....  | 392292.....        | SPRAY NOZZEL                 |
| 1.....  | 29509.....         | CAP, SPRAY TANK              |
| 1.....  | 406000.....        | ROCKER SWITCH (LIGHTS)       |
| 1.....  | 39700Z6L003 .....  | HOUR METER                   |
| 1.....  | 21870.....         | KILL SWITCH, (SEAT)          |
| 1.....  | 12017.....         | RELAY, KILL (SEAT)           |
| 3.....  | 20111.....         | OIL, GEARBOX                 |
| 1.....  | 2618.....          | GASKET AND SEAL KIT (GB)     |
| 1.....  | 12833.....         | BEARING KIT (GEARBOX)        |
| 2.....  | 17210Z6L010 .....  | ELEMENT COMP. A/C            |
| 1.....  | 17218Z6L000 .....  | FILTER, OUTER A/C            |
| 2.....  | 16910Z6L003 .....  | STRAINER COMP. FUEL          |
| 1.....  | 35110ZV5V50.....   | KEY ASSY.                    |
| 1.....  | 37240ZG5004.....   | SWITCH, OIL PRESSURE         |
| 3.....  | 15400PLMA01PE..... | CARTRIDGE, OIL FILTER        |
| 4.....  | 980795587G.....    | SPARK PLUG                   |
| 2.....  | 23284-030 .....    | FUSE, 3A                     |
| 2.....  | 23284-150 .....    | FUSE, 15A                    |
| 2.....  | 982004300.....     | FUSE, 30A                    |
| 2.....  | 22347.....         | LIGHT, HELLA                 |
| 4.....  | BLADE ASSY. ....   | CONTACT UNIT SALES           |
| .....   | .....              | DEPT/ACCESSORY ITEM          |

#### NOTICE

Part numbers on this Suggested Spare Parts list may supersede/replace the part numbers shown in the following parts lists.

# NAMEPLATE AND DECALS ASSY.

1 CUT AND DISCARD  
"KEY" SIDE OF DECAL.

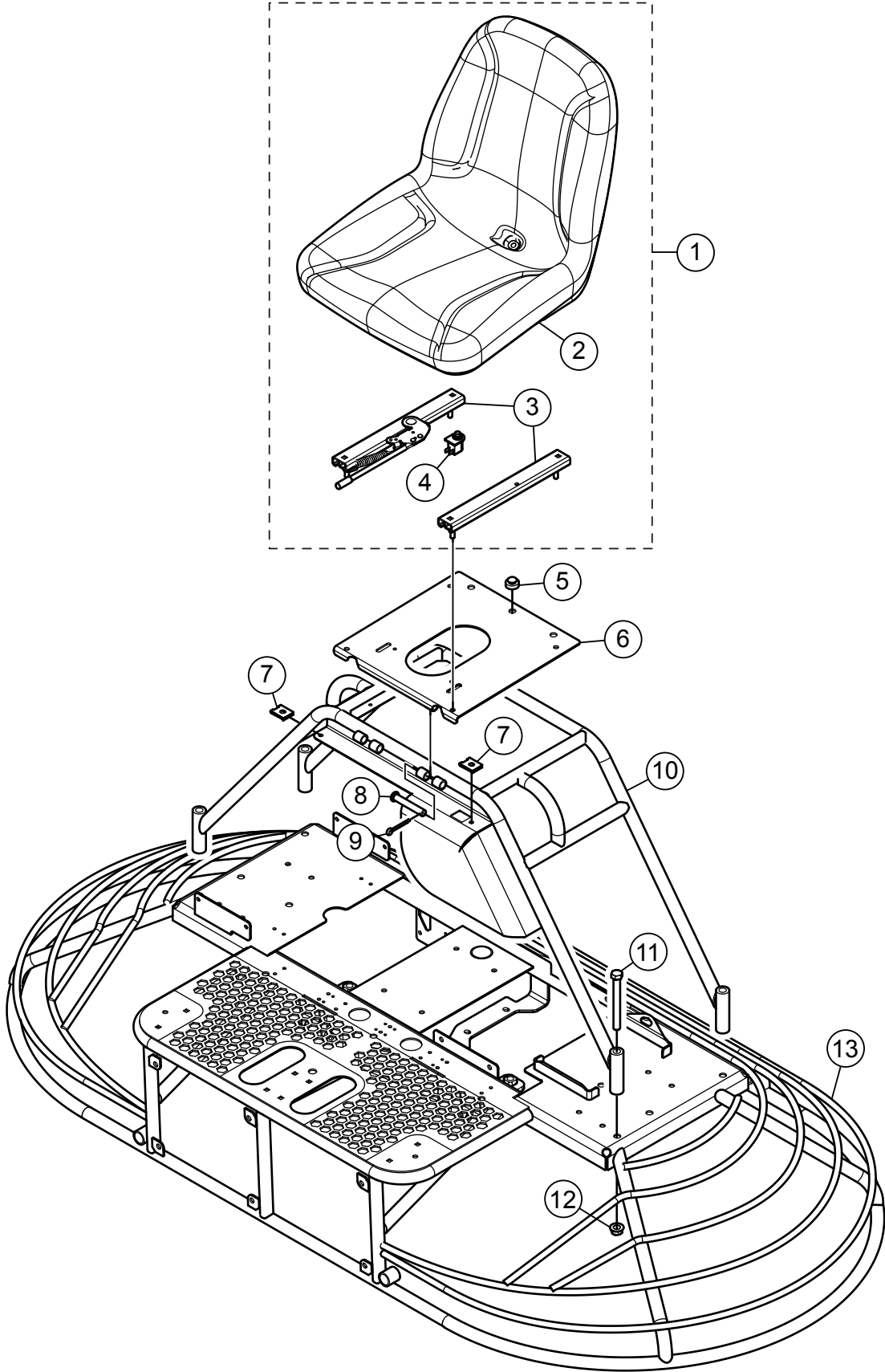


DECAL SHEET  
INTL STDS ISO  
P/N 11246

## NAMEPLATE AND DECALS ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                    | <u>QTY.</u> | <u>REMARKS</u>         |
|------------|-----------------|-------------------------------------|-------------|------------------------|
| 1          | 2634            | DECAL, SPRING SAFETY                | 3           |                        |
| 2          | 1499            | DECAL, MQ-WHITEMAN RED/TOWER        | 2           |                        |
| 3          | 11246           | DECAL SET, INTERNATIONAL STDS       | 1           |                        |
| 4          | 2300            | DECAL, AL PITCH RH                  | 1           |                        |
| 5          | 2814            | DECAL, CONTROL PANEL (LIGHT SWITCH) | 1           |                        |
| 6          | 36099           | DECAL, PROTECTIVE CLOTHING          | 1           |                        |
| 7          | 2332            | DECAL, AL PITCH LH                  | 1           |                        |
| 8          | 35168           | DECAL, ROTATING BLADE HAZARD        | 2           |                        |
| 9          | 21455           | DECAL, LIFTING CRUSH HAZARD PANS    | 2           |                        |
| 10         |                 | DECAL, SERIAL PLATE-RIDER.....      | 1.....      | CONTACT MQ PARTS DEPT. |
| 11         | 23235           | BADGE, MQ FOOT PLATFORM             | 1           |                        |
| 12         | 13118           | DECAL, POWDER COATED                | 1           |                        |
| 13         | 35137           | DECAL, READ MANUAL                  | 1           |                        |
| 14         | 23587           | DECAL, UNLEADED GAS ONLY            | 1           |                        |
| 15         | 20525           | DECAL, PROPOSITION 65 WARNING       | 1           |                        |
| 16         | 36090           | DECAL, VENTILATION                  | 1           |                        |

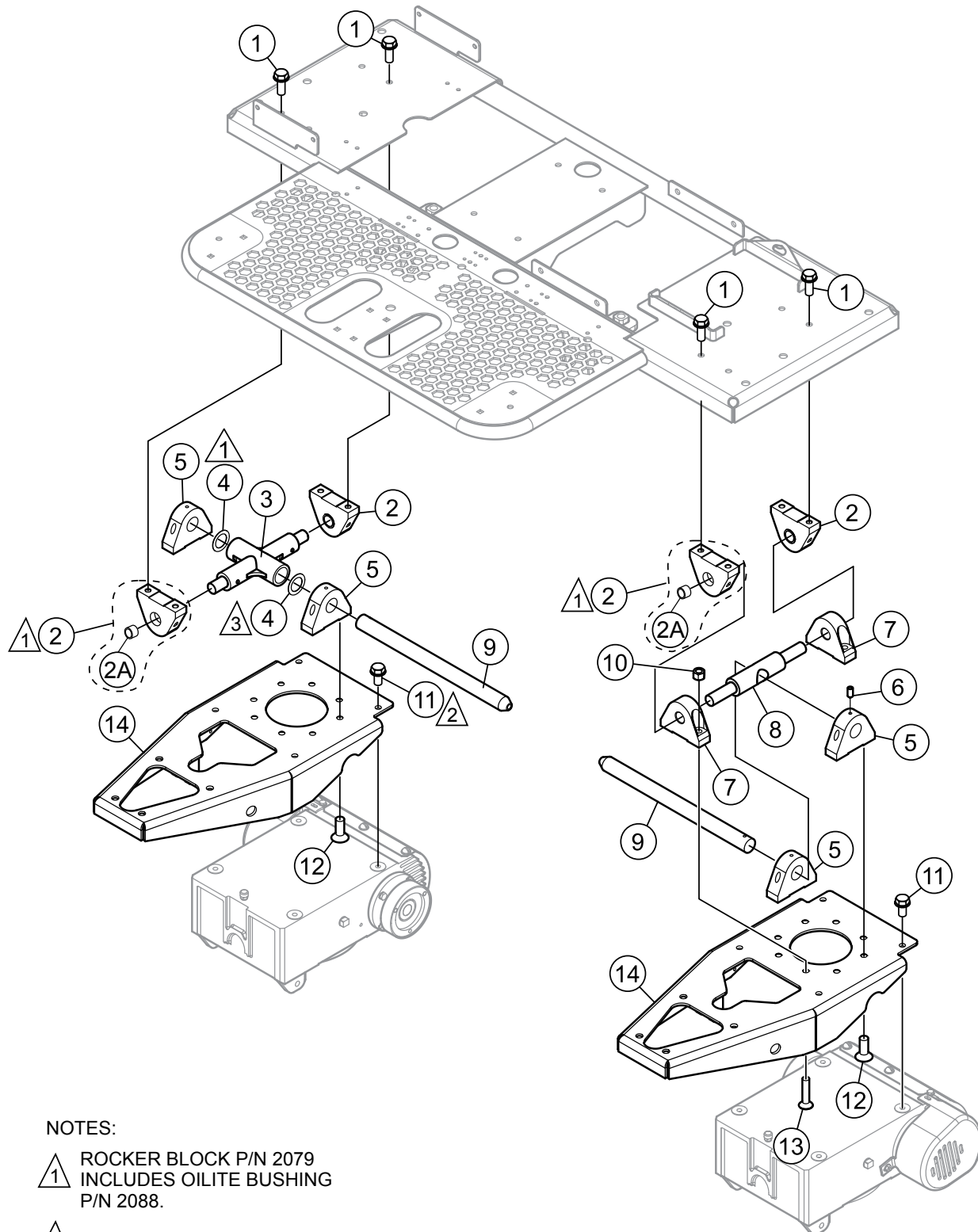
**SEAT/FRAME ASSY.**



## SEAT/FRAME ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                             | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|----------------------------------------------|-------------|--------------------|
| 1          | 21861           | SEAT,MICHIGAN-ADJUSTABLE W/O ARMS ....1..... | 1           | INCLUDES ITEMS W/# |
| 2#         | 21860           | SEAT,BASIC-MICHIGAN V-2805 SERIES            | 1           |                    |
| 3#         | 21865           | ADJUSTER KIT,SEAT-MICHIGAN V-2805            | 1           |                    |
| 4#         | 21870           | KILL SWITCH,SEAT-DELTA SYS 6440-62           | 1           |                    |
| 5          | 21597           | BUMPER,STEM 1" DIA x .5 S DIA x 19/64TK      | 3           |                    |
| 6          | 23522           | SEAT PLATE W/A - JWN                         | 1           |                    |
| 7          | 21894           | CLIP, FAST LEAD-SOUTHCO 17-10027-17          | 2           |                    |
| 8          | 8081            | PIN, CLEVIS 1/2 X 2-3/4                      | 2           |                    |
| 9          | 0183            | PIN, COTTER 1/8Dx1-1/4                       | 2           |                    |
| 10         | 23527           | SEAT FRAME W/A, JWN                          | 1           |                    |
| 11         | 913222          | SCREW, HHC 1/2-13 x 4-3/4                    | 4           |                    |
| 12         | 26328           | NUT, FLANGED 1/2-13 SERRATED PLTD            | 4           |                    |
| 13         | 23501           | FRAME, JWN , COMPLETE W/A                    | 1           |                    |

# PIVOT ASSY.



## NOTES:

- △ 1 ROCKER BLOCK P/N 2079  
INCLUDES OILITE BUSHING  
P/N 2088.
- △ 2 BOLT TO GEARBOX
- △ 3 USE SHIMS AS REQUIRED TO  
MINIMIZE LATERAL MOVEMENT  
OF PIVOT ARMS.

## PIVOT ASSY.

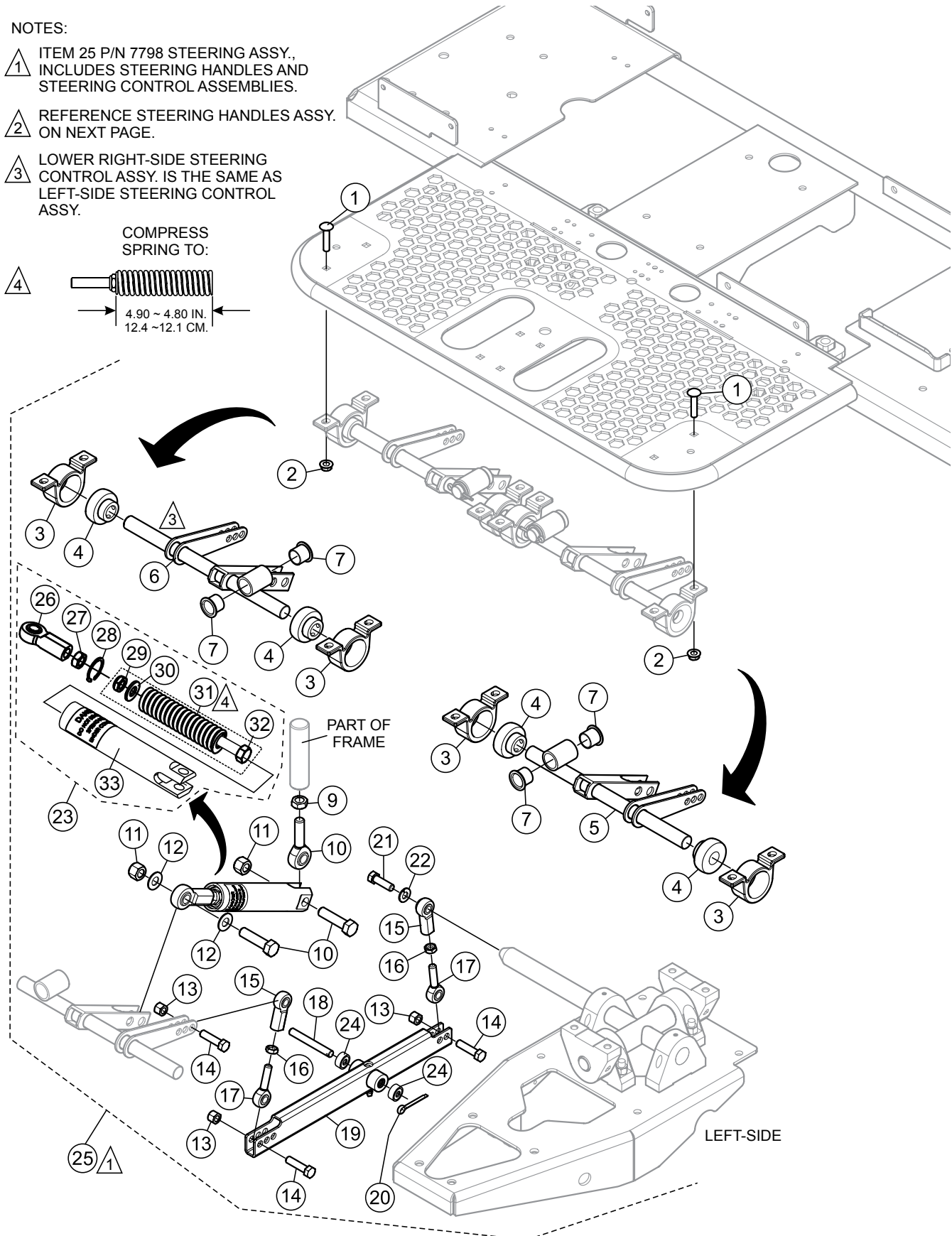
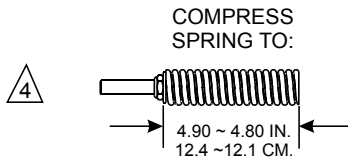
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                         | <u>QTY.</u> | <u>REMARKS</u>    |
|------------|-----------------|------------------------------------------|-------------|-------------------|
| 1          | 22106           | SCREW, HHFS 3/8-16 x 1.25 ZINC           | 8           |                   |
| 2          | 2079            | ROCKER BLOCK WITH BUSHING .....          | 4.....      | INCLUDES ITEM W/# |
| 2A#        | 2088            | BUSHING, FLANGE .875 DIA X .75 ID X 1.00 | 4           |                   |
| 3          | 2044            | ARM, PIVOT J TROWELS RH                  | 1           |                   |
| 4          | 11772           | SHIM, STEEL .63xØ1.500ODxØ1.000ID        | A/R         |                   |
| 4          | 11773           | SHIM, STEEL .031xØ1.500ODxØ1.000ID       | A/R         |                   |
| 5          | 20040           | ROCKER BLOCK, 1.0 HOLE                   | 4           |                   |
| 6          | 10138           | SCREW, SHS 1/4-20 X 1/2, N.P.            | 4           |                   |
| 7          | 10973           | ROCKER BLOCK W/FAN                       | 2           |                   |
| 8          | 2076            | TUBE, PIVOT                              | 1           |                   |
| 9          | 2824            | TUBE, CONTROL PIVOT 1"                   | 2           |                   |
| 10         | 10133           | NUT, NYLOC 3/8-16                        | 4           |                   |
| 11         | 38274           | SCREW, HHFS 3/8-16 X .75 ZINC            | 8           |                   |
| 12         | 1394            | SCREW, FHSC 3/8-16 X 1                   | 8           |                   |
| 13         | 1481            | SCREW, FHSC 3/8-16 X 1 3/4 PLATED        | 4           |                   |
| 14         | 23475           | MOUNT, JWN GBOX                          | 2           |                   |



# STEERING CONTROL ASSY.

## NOTES:

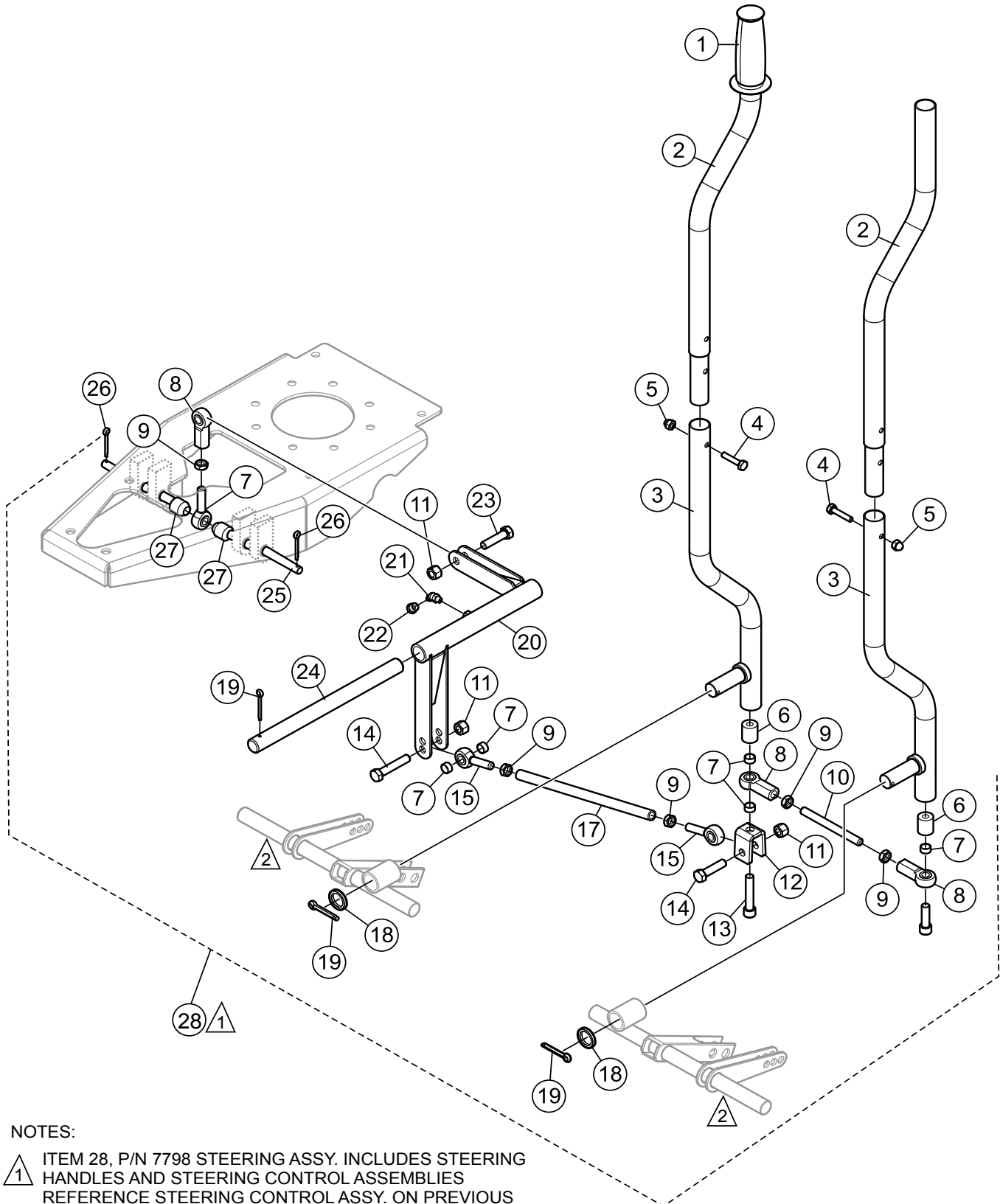
- 1 ITEM 25 P/N 7798 STEERING ASSY., INCLUDES STEERING HANDLES AND STEERING CONTROL ASSEMBLIES.
- 2 REFERENCE STEERING HANDLES ASSY. ON NEXT PAGE.
- 3 LOWER RIGHT-SIDE STEERING CONTROL ASSY. IS THE SAME AS LEFT-SIDE STEERING CONTROL ASSY.



## STEERING CONTROL ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                       | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|----------------------------------------|-------------|--------------------|
| 1#         | 07046-011       | BOLT, CARRIAGE 5/16-18 X 1.5 gr5, ZINC | 8           |                    |
| 2#         | 49071           | NUT, FLANGED 5/16-18 SERRATED PLTD     | 8           |                    |
| 3#         | 11138           | BEARING, SB-204-12, HOUSING            | 4           |                    |
| 4#         | 11149           | BEARING, SB-204-12, INSERT             | 4           |                    |
| 5#         | 12650           | STEERING CONTROL, LEFT SIDE            | 1           |                    |
| 6#         | 12651           | STEERING CONTROL, RIGHT SIDE           | 1           |                    |
| 7#         | 12408           | BUSHING, GARLOCK 12FDU12               | 4           |                    |
| 9#         | 11146           | NUT, HEX JAM 1/2-20 PLATED             | 2           |                    |
| 10#        | 11142           | ROD END, 1/2-20 MALE RH                | 2           |                    |
| 11#        | 10176           | NUT, NYLOC 1/2-13                      | 4           |                    |
| 12#        | 9094            | SPACER, STEERING ASSIST CLEVIS         | 4           |                    |
| 13#        | 10133           | NUT, NYLOC 3/8-16                      | 6           |                    |
| 14#        | 1284            | SCREW, HHC 3/8-16 X 1 1/2              | 6           |                    |
| 15#        | 2064            | ROD END, 3/8-24 FEMAL RH               | 4           |                    |
| 16#        | 2199            | NUT, HEX JAM 3/8-24                    | 4           |                    |
| 17#        | 2063            | ROD END, 3/8-24 MALE RH                | 4           |                    |
| 18#        | 11275           | 3/8 DIA X 3 DIAMOND CHAIN 100-2        | 2           |                    |
| 19#        | 11071           | LEVER, STEERING CONTROL                | 2           |                    |
| 20#        | 6014 B          | PIN, COTTER 3/32DX1.00                 | 2           |                    |
| 21#        | 1023            | SCREW, HHC 3/8-16 X 1 1/4 GR 5         | 2           |                    |
| 22#        | 0166 A          | WASHER, LOCK, 3/8 MED.                 | 2           |                    |
| 23#        | 12625           | STEERING ASSIST, ASSY.....             | 1           | INCLUDES ITEMS W/% |
| 24#        | 11072           | BEARING, TORRINGTON JT69               | 4           |                    |
| 25#        | 7798            | STEERING ASSY.....                     | 1           | INCLUDES ITEMS W/# |
| 26%        | 11143           | ROD END, 1/2-20 FEMALE RH              | 1           |                    |
| 27%        | 11146           | NUT, HEX JAM 1/2-20 PLATED             | 1           |                    |
| 28%        | 12197           | SNAP RING Ø1.25                        | 1           |                    |
| 29%        | 10087           | NUT, NYLOC, JAM 1/2-13                 | 1           |                    |
| 30%        | 0447            | WASHER, FLAT 1/2 SAE                   | 1           |                    |
| 31%        | 12624           | SPRING, STEERING ASSIST                | 1           |                    |
| 32%        | 12198           | SCREW, HHC 1/2-20 X 7 TAP              | 1           |                    |
| 33%        | 12195           | HOUSING, STEERING ASSIST SPRING        | 1           |                    |

# STEERING HANDLES ASSY.



## NOTES:

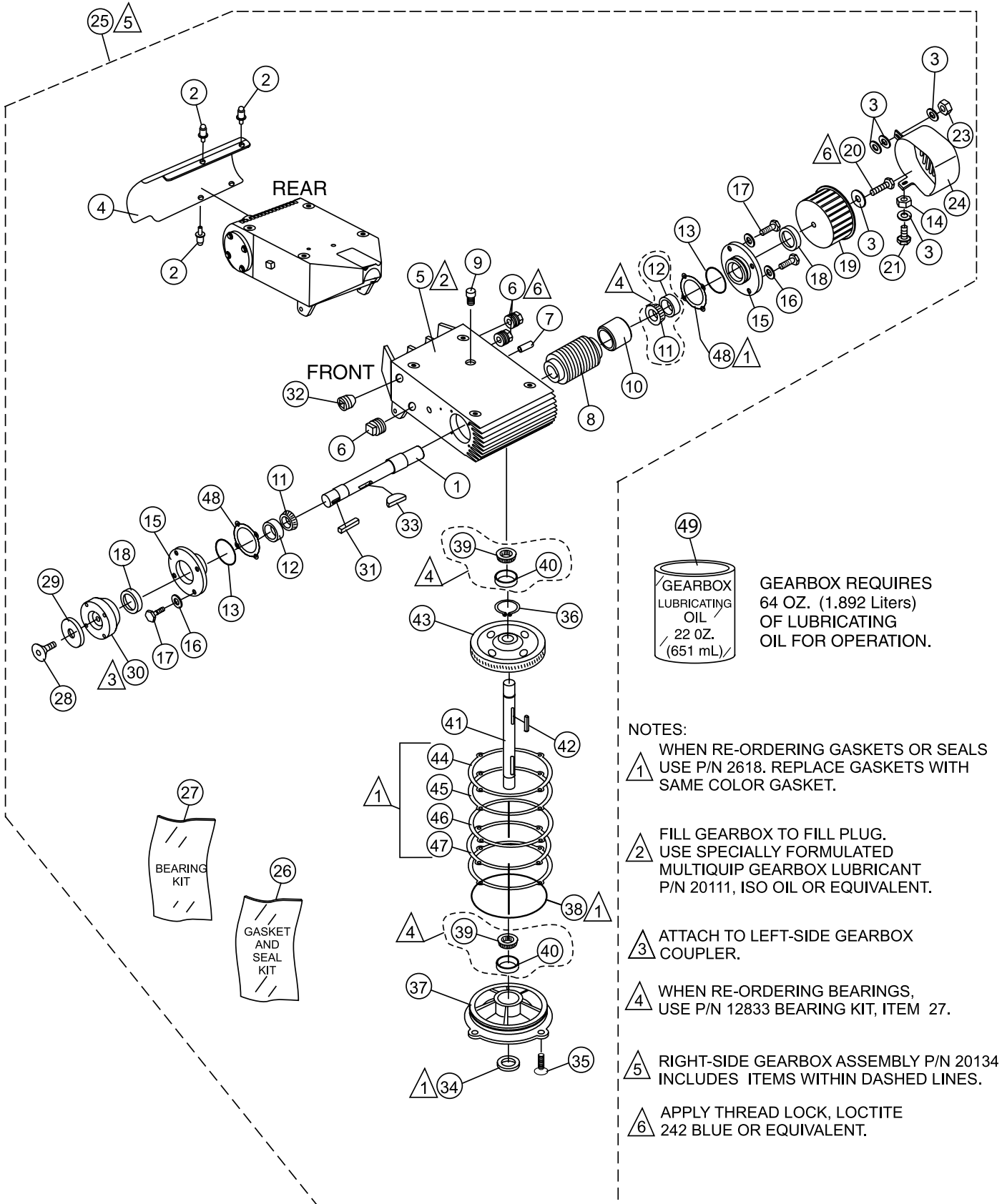
1 ITEM 28, P/N 7798 STEERING ASSY. INCLUDES STEERING HANDLES AND STEERING CONTROL ASSEMBLIES  
REFERENCE STEERING CONTROL ASSY. ON PREVIOUS PAGE.

2 REFERENCE STEERING CONTROL ASSY. ON PREVIOUS PAGE., ITEMS 5 AND 6.

## STEERING HANDLES ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                   | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|------------------------------------|-------------|--------------------|
| 1#         | 20478           | GRIP, HANDLE                       | 1           |                    |
| 2#         | 10130           | HANDLE TUBE                        | 2           |                    |
| 3#         | 11079           | HANDLE, LOWER                      | 2           |                    |
| 4#         | 0424            | SCREW, HHC 1/4-20 X 1 1/4          | 2           |                    |
| 5#         | 2197            | NUT, ACORN 1/4-20                  | 2           |                    |
| 6#         | 11080           | PLUG, LOWER HANDLE                 | 2           |                    |
| 7#         | 2196            | SPACER, 0.5 X 0.402 X .25L         | 5           |                    |
| 8#         | 2064            | ROD END, 3/8-24 FEMAL RH           | 3           |                    |
| 9#         | 2199            | NUT, HEX JAM 3/8-24                | 5           |                    |
| 10#        | 11498           | THREADPIECE, CONN. STEERING        | 1           |                    |
| 11#        | 10133           | NUT, NYLOC 3/8-16                  | 3           |                    |
| 12#        | 11303           | BRACKET, L/R MOTION ROD            | 1           |                    |
| 13#        | 11089           | SCREW, SHC 3/8-16 X 2 PLATED       | 1           |                    |
| 14#        | 1284            | SCREW, HHC 3/8-16 X 1 1/2          | 2           |                    |
| 15#        | 2063            | ROD END, 3/8-24 MALE RH            | 3           |                    |
| 17#        | 11513           | ROD, L/R, LINKAGE                  | 1           |                    |
| 18#        | 11265           | WASHER, STEERING HANDLE            |             |                    |
|            |                 | 1.0 OD X .75 ID X .14              | 2           |                    |
| 19#        | 2219            | PIN, COTTER 1/8Dx1-1/2             | 3           |                    |
| 20#        | 11441           | RIGHT-LEFT MOTION CONTROL ARM      | 1           |                    |
| 21#        | 5228            | FITTING, GREASE ZERK 45 DEG 1/4-28 | 1           |                    |
| 22#        | 1162 A          | CAP, GREASE ZERK, #2 YELLOW        | 1           |                    |
| 23#        | 1665            | SCREW, HHC 3/8-16 X 2              | 1           |                    |
| 24#        | 11497           | SHAFT, L/R, MOTION LEVER           | 1           |                    |
| 25#        | 3550            | PIN, 3/8 DIA X 5-7/8 LONG          | 1           |                    |
| 26#        | 6014 B          | PIN, COTTER 3/32DX1.00             | 2           |                    |
| 27#        | 2188            | SPACER                             | 2           |                    |
| 28#        | 7798            | STEERING ASSY.....                 | 1.....      | INCLUDES ITEMS W/# |

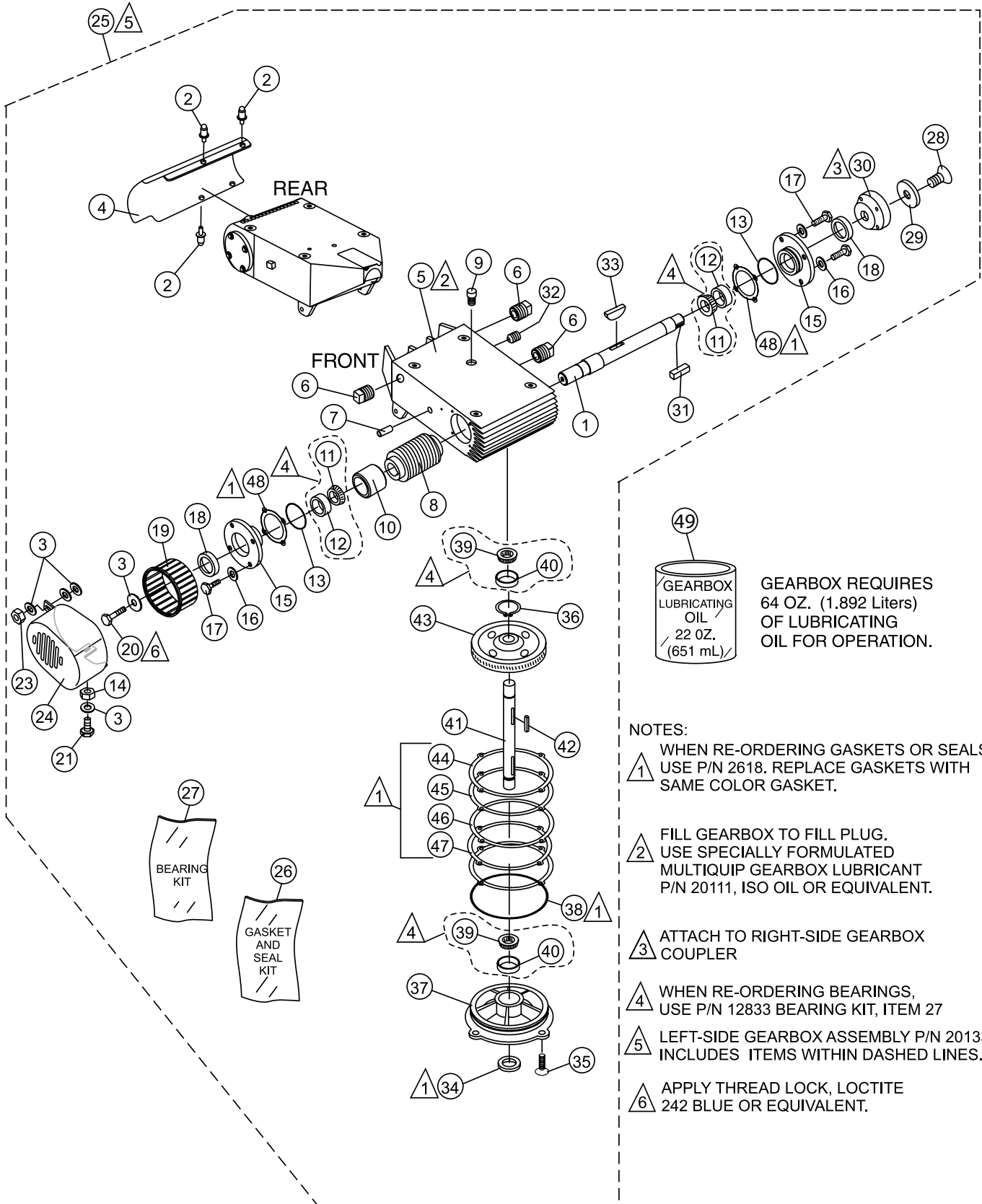
# GEARBOX ASSY. (RIGHT)



## GEARBOX ASSY. (RIGHT)

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                      | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|---------------------------------------|-------------|--------------------|
| 1%         | 20065           | SHAFT, GEARBOX INPUT W/FAN            | 1           |                    |
| 2%         | 21992           | RIVET, POP BH .187 X .188-.250 AL/STL | 4           |                    |
| 3%         | 0948            | WASHER, FLAT, 1/4 SAE                 | 6           |                    |
| 4%         | 12981           | SHROUD, GB FIN COVER, RIGHT           | 1           |                    |
| 5%         | 20353           | GEAR BOX 1-1/8 SHAFT                  | 1           |                    |
| 6%         | 0121A           | FITTING, PLUG 3/8MP SQUARE HEAD       | 3           |                    |
| 7%         | 10989           | STUD, N10- 32 X 3/4                   | 1           |                    |
| 8%         | 12908           | RIGHT HAND WORM                       | 1           |                    |
| 9%         | 1132            | VENT, AIR                             | 1           |                    |
| 10%        | 12583           | SPACER, X 11D X 1.168L                | 1           |                    |
| 11%+       | 9045            | BEARING, CONE TIMKEN #1986            | 1           |                    |
| 12%+       | 0232A           | BEARING, CUP, TIMKEN #1932            | 1           |                    |
| 13%#       | 2309            | O-RING, 2-13/16" VINTON               | 1           |                    |
| 14%        | 0937            | NUT, HEX #10- 32                      | 1           |                    |
| 15%        | 2307            | FLANGE, COUNTERSHAFT                  | 1           |                    |
| 16%        | 10031           | WASHER, EXT SHKP 1/4                  | 8           |                    |
| 17%        | 2295            | SCREW, HHC 1/4- 20 X 7/8              | 8           |                    |
| 18%        | 12909           | SEAL, OIL, NATIONAL #471689V          | 1           |                    |
| 19%        | 10921           | FAN, RIGHT SIDE                       | 1           |                    |
| 20%        | 0424            | SCREW, HHC 1/4- 20 X 1-1/4            | 1           |                    |
| 21%        | 19477           | SCREW, HHC, WASHER 10- 32 X 1/2       | 1           |                    |
| 23%        | 10019           | NUT, NYLOC 10- 32                     | 1           |                    |
| 24%        | 10894           | RIGHT SIDE FAN COVER                  | 1           |                    |
| 25%        | 20134           | GEARBOX ASSY., RS W/FAN .....         | 1           | INCLUDES ITEMS W/% |
| 26%        | 2618            | GASKET AND SEAL KIT .....             | 1           | INCLUDES ITEMS W/# |
| 27%        | 12833           | BEARING KIT .....                     | 1           | INCLUDES ITEMS W/+ |
| 28%        | 1313            | SCREW, FHSC 3/8- 24 X 3/4 PLAIN       | 1           |                    |
| 29%        | 9120            | RETAINER, DRIVEN PULLEY               | 1           |                    |
| 30%        | 2048            | COUPLER- 7/8" ID                      | 1           |                    |
| 31%        | 2323            | KEY, 1/4 X 1/4 X 13/16                | 1           |                    |
| 32%        | 10450           | SCREW, SHS 10- 32 X 1/4               | 1           |                    |
| 33%        | 1139            | KEY, WOODRUFF #21 HARDENED            | 1           |                    |
| 34%#       | 9041            | SEAL, 1-1/8 DIA NAT # 471763V         | 1           |                    |
| 35%        | 1146            | SCREW, FHS 5/16- 18 X 1 NYLOC         | 4           |                    |
| 36%        | 1138            | RING, SNAP TRUARC #5100- 112          | 1           |                    |
| 37%        | 9036            | COVER, GEARBOX 1-1/8 SHAFT            | 1           |                    |
| 38%#       | 9038            | O-RING, A- 264 VITON                  | 1           |                    |
| 39%+       | 0232            | BEARING, CONE TIMKEN #15126           | 2           |                    |
| 40%+       | 0232A           | BEARING, CUP, TIMKEN #1932            | 2           |                    |
| 41%        | 20013           | SHAFT, OUTPUT HD GEARBOX              | 1           |                    |
| 42%        | 9180            | KEY, 5/16 X 2-1/4 HRDND               | 1           |                    |
| 43%        | 2001            | GEAR, WORM GEAR LH. HD                | 1           |                    |
| 44%#       |                 | GASKET, RED .....                     | 1           | SOLD AS KIT ONLY   |
| 45%#       |                 | GASKET, GREEN .....                   | 1           | SOLD AS KIT ONLY   |
| 46%#       |                 | GASKET, BLUE .....                    | 1           | SOLD AS KIT ONLY   |
| 47%#       |                 | GASKET, BROWN .....                   | 1           | SOLD AS KIT ONLY   |
| 48%#       |                 | GASKET, YELLOW .....                  | 1           | SOLD AS KIT ONLY   |
| 49         | 20111           | OIL, MOBIL SHC 634 ISO VG640          | 64 OZ       |                    |

# GEARBOX ASSY. (LEFT)



## GEARBOX ASSY. (LEFT)

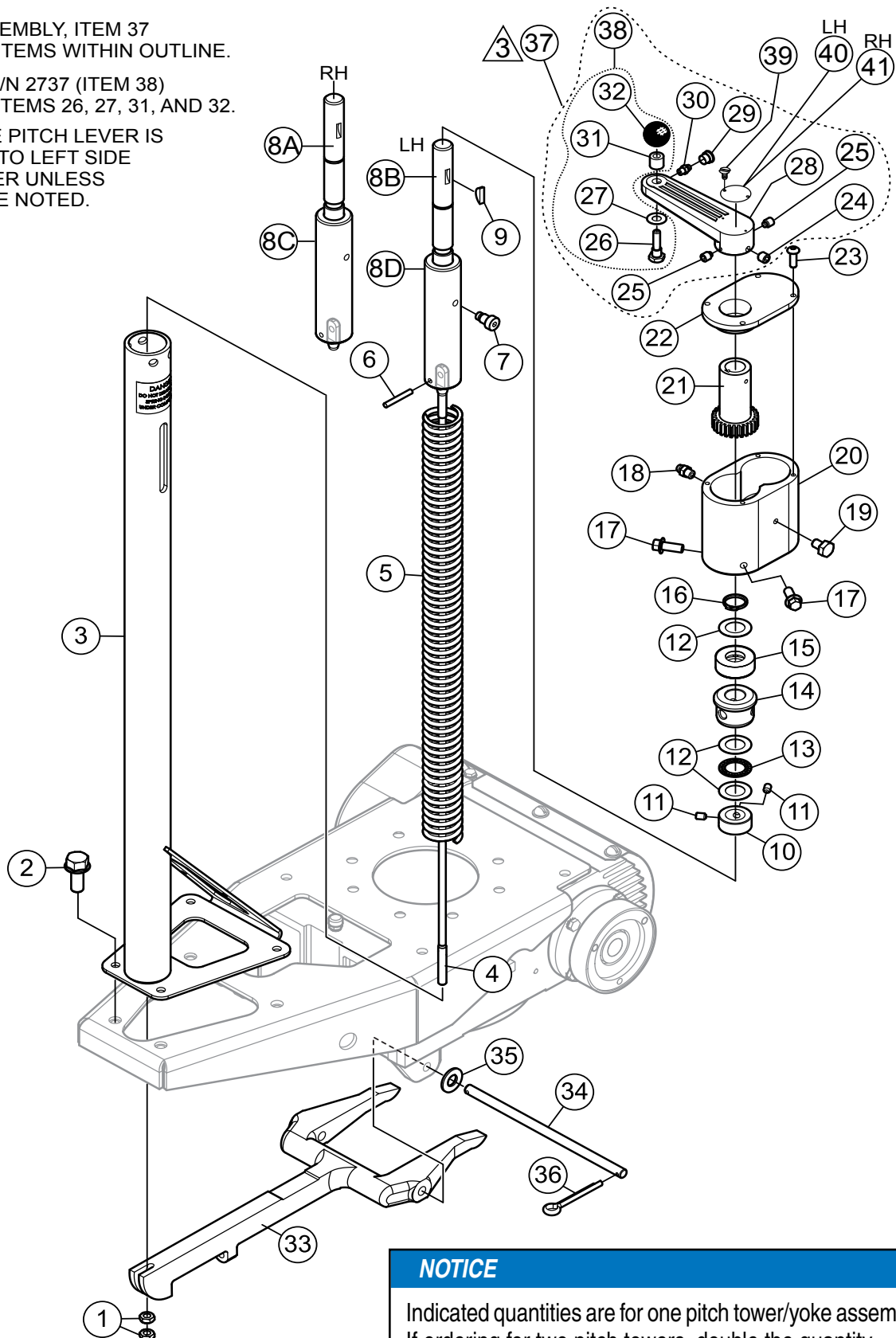
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                      | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|---------------------------------------|-------------|--------------------|
| 1%         | 20065           | SHAFT, GEARBOX INPUT W/FAN            | 1           |                    |
| 2%         | 21992           | RIVET, POP BH .187 X .188-.250 AL/STL | 4           |                    |
| 3%         | 0948            | WASHER, FLAT, 1/4 SAE                 | 6           |                    |
| 4%         | 12982           | SHROUD, GB FIN COVER, LEFT            | 1           |                    |
| 5%         | 20353           | GEAR BOX 1-1/8 SHAFT                  | 1           |                    |
| 6%         | 0121A           | FITTING, PLUG 3/8MP SQUARE HEAD       | 3           |                    |
| 7%         | 10989           | STUD, N10- 32 X 3/4                   | 1           |                    |
| 8%         | 12907           | LEFT HAND WORM                        | 1           |                    |
| 9%         | 1132            | VENT, AIR                             | 1           |                    |
| 10%        | 12583           | SPACER, X 11D X 1.168L                | 1           |                    |
| 11%+       | 9045            | BEARING, CONE TIMKEN #1986            | 1           |                    |
| 12%+       | 0232A           | BEARING, CUP, TIMKEN #1932            | 1           |                    |
| 13%#       | 2309            | O-RING, 2-13/16" VINTON               | 1           |                    |
| 14%        | 0937            | NUT, HEX #10- 32                      | 1           |                    |
| 15%        | 2307            | FLANGE, COUNTERSHAFT                  | 1           |                    |
| 16%        | 10031           | WASHER, EXT SHKP 1/4                  | 4           |                    |
| 17%        | 2295            | SCREW, HHC 1/4- 20 X 7/8              | 4           |                    |
| 18%        | 12909           | SEAL, OIL, NATIONAL #471689V          | 1           |                    |
| 19%        | 10922           | FAN, LEFT SIDE                        | 1           |                    |
| 20%        | 0424            | SCREW, HHC 1/4- 20 X 1-1/4            | 1           |                    |
| 21%        | 19477           | SCREW, HHC, WASHER 10- 32 X 1/2       | 1           |                    |
| 23%        | 10019           | NUT, NYLOC 10- 32                     | 1           |                    |
| 24%        | 10893           | LEFT SIDE FAN COVER                   | 1           |                    |
| 25         | 20133           | GEARBOX ASSY., LS W/FAN .....         | 1           | INCLUDES ITEMS W/% |
| 26%        | 2618            | GASKET AND SEAL KIT .....             | 1           | INCLUDES ITEMS W/# |
| 27%        | 12833           | BEARING KIT .....                     | 1           | INCLUDES ITEMS W/+ |
| 28%        | 1313            | SCREW, FHSC 3/8- 24 X 3/4 PLAIN       | 1           |                    |
| 29%        | 9120            | RETAINER, DRIVEN PULLEY               | 1           |                    |
| 30%        | 2048            | COUPLER- 7/8" ID                      | 1           |                    |
| 31%        | 2323            | KEY, 1/4 X 1/4 X 13/16                | 1           |                    |
| 32%        | 10450           | SCREW, SHS 10- 32 X 1/4               | 1           |                    |
| 33%        | 1139            | KEY, WOODRUFF #21 HARDENED            | 1           |                    |
| 34%#       | 9041            | SEAL, 1-1/8 DIA NAT # 471763V         | 1           |                    |
| 35%        | 1146            | SCREW, FHS 5/16- 18 X 1 NYLOC         | 4           |                    |
| 36%        | 1138            | RING, SNAP TRUARC #5100- 112          | 1           |                    |
| 37%        | 9036            | COVER, GEARBOX 1-1/8 SHAFT            | 1           |                    |
| 38%#       | 9038            | O-RING, A- 264 VITON                  | 1           |                    |
| 39%+       | 0232            | BEARING, CONE TIMKEN #15126           | 2           |                    |
| 40%+       | 0232A           | BEARING, CUP, TIMKEN #1932            | 2           |                    |
| 41%        | 20013           | SHAFT, OUTPUT HD GEARBOX              | 1           |                    |
| 42%        | 9180            | KEY, 5/16 X 2-1/4 HRDND               | 1           |                    |
| 43%        | 2001            | GEAR, WORM GEAR LH. HD                | 1           |                    |
| 44%#       |                 | GASKET, RED .....                     | 1           | SOLD AS KIT ONLY   |
| 45%#       |                 | GASKET, GREEN .....                   | 1           | SOLD AS KIT ONLY   |
| 46%#       |                 | GASKET, BLUE .....                    | 1           | SOLD AS KIT ONLY   |
| 47%#       |                 | GASKET, BROWN .....                   | 1           | SOLD AS KIT ONLY   |
| 48%#       |                 | GASKET, YELLOW .....                  | 2           | SOLD AS KIT ONLY   |
| 49         | 20111           | OIL, MOBIL SHC 634 ISO VG640          | 64 OZ       |                    |



# PITCH CONTROL TOWER/YOKE ASSY.

## NOTES:

- △ 1 LEVER ASSEMBLY, ITEM 37  
INCLUDES ITEMS WITHIN OUTLINE.
- △ 2 KNOB KIT P/N 2737 (ITEM 38)  
INCLUDES ITEMS 26, 27, 31, AND 32.
- △ 3 RIGHT SIDE PITCH LEVER IS  
IDENTICAL TO LEFT SIDE  
PITCH LEVER UNLESS  
OTHERWISE NOTED.



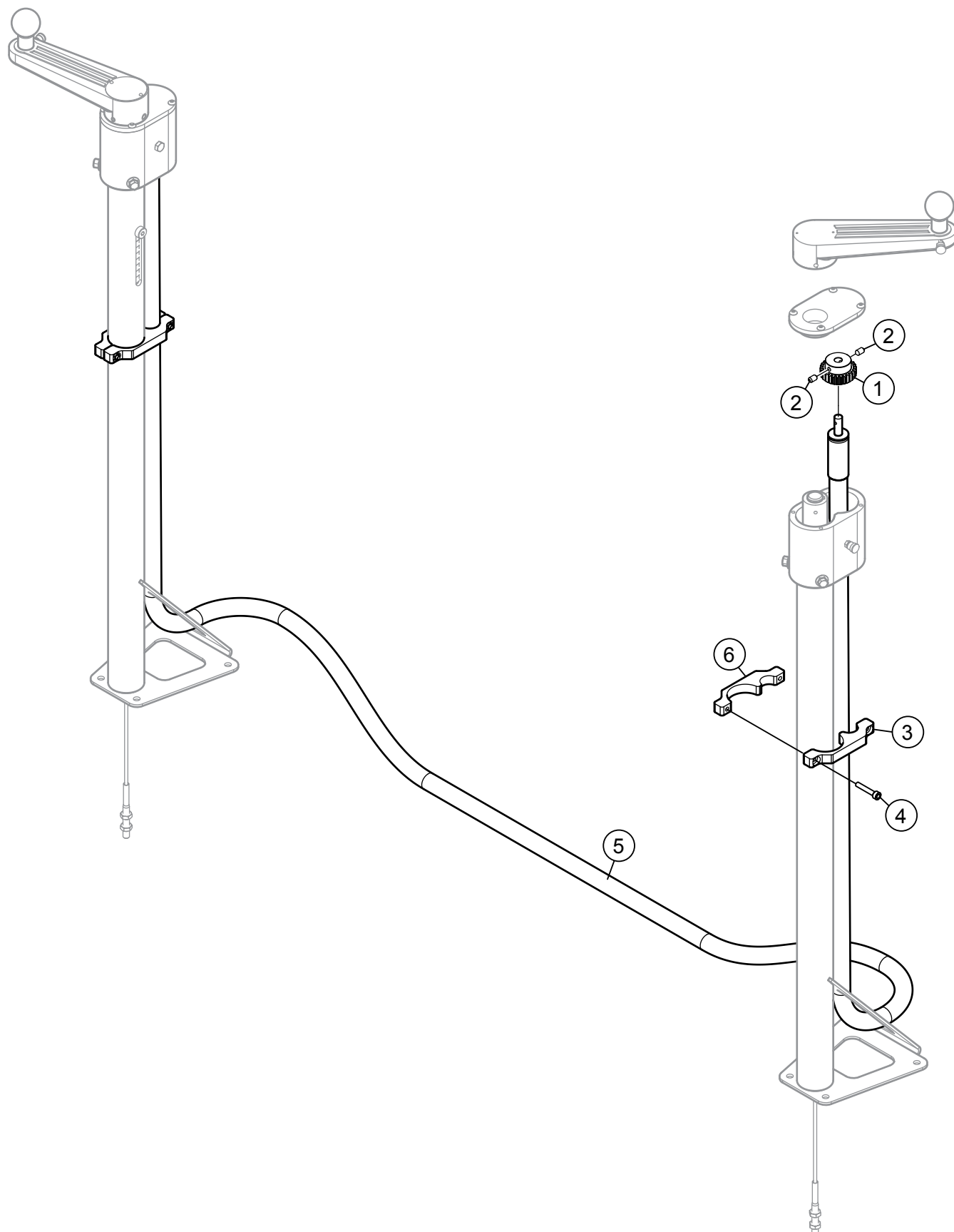
## NOTICE

Indicated quantities are for one pitch tower/yoke assembly.  
If ordering for two pitch towers, double the quantity.

## PITCH CONTROL TOWER/YOKE ASSY.

| NO.  | PART NO. | PART NAME                               | QTY.   | REMARKS             |
|------|----------|-----------------------------------------|--------|---------------------|
| 1    | 1116     | NUT, BRASS JAM 5/16-18                  | 2      |                     |
| 2    | 36720    | SCREW, HHFS 5/16-18 x 3/4GR5            | 4      |                     |
| 3    | 23582    | TOWER W/A, PITCH CONTROL , RH.....      | 1..... | RIGHT               |
| 3    | 23581    | TOWER W/A, PITCH CONTROL, LH .....      | 1..... | LEFT                |
| 4    | 2008     | CABLE, TWIN PITCH, 25.63"               | 1      |                     |
| 5    | 2156     | SPRING, COMPRESSION, 15/16"             |        |                     |
|      |          | ODX20-5/8"LEN.                          | 1      |                     |
| 6    | 10723    | PIN, SPIRAL 3/16 X 1-3/8 HD             | 1      |                     |
| 7    | 10382    | BOLT, SHOULDER, 3/8 X 3/8 LONG          | 1      |                     |
| 8A   | 10510    | SHAFT, PITCH CONTROL, RH                | 1      |                     |
| 8B   | 10511    | SHAFT, PITCH CONTROL, LH                | 1      |                     |
| 8C   | 10721    | BLOCK, SLIDE RH PITCH CONTROL TUBE      | 1      |                     |
| 8D   | 10722    | BLOCK, SLIDE LH PITCH CONTROL TUBE      | 1      |                     |
| 9    | 0126     | KEY, WOODRUFF #606 3/16 x 3/4 (#9)      | 1      |                     |
| 10%  | 2367     | COLLAR, SET .75 X 1.25 X .56, 2         | 1      |                     |
| 11   |          | SET SCREW.....                          | 2..... | INCLUDES ITEM W/%   |
| 12   | 2170     | BEARING, RACE, TORR. #TRA1220           | 3      |                     |
| 13   | 2169     | BEARING, THRUST, TORR. #NTA1220         | 1      |                     |
| 14   | 1612     | BEARING TROWEL CONTROL                  | 1      |                     |
| 15   | 1604     | BEARING, BALL THRUST E5 AETNA           | 1      |                     |
| 16   | 10512    | RING, SNAP, TRUARC 5160-75              | 1      |                     |
| 17   | 22021    | SCREW, HEX FLANGE                       |        |                     |
|      |          | M8-1.25 x 20MM GR10.9                   | 2      |                     |
| 18   | 2621     | FITTING, GREASE ZERK STR 1/4-28         | 1      |                     |
| 19   | 20476    | SCREW, HHC 1/4-28 X 3/8                 | 1      |                     |
| 20   | 23037    | HOUSING, PITCH CONTROL GEARBOX          | 1      |                     |
| 21   | 1529     | GEAR, DRIVE PITCH CONTROL               | 1      |                     |
| 22   | 2649     | COVER, PITCH CONTROL HOUSING RDRS       | 1      |                     |
| 23   | 9191     | SCREW, BHSC M5-0.8X16MM, ZP             | 4      |                     |
| 24\$ | 0185     | SCREW, SHS 3/8-16 X 3/8, NO PLATE       | 1      |                     |
| 25\$ | 1528     | SCREW, SHS 1/4-20 X 5/16 H.D.P          | 2      |                     |
| 26#  | 1616     | BOLT, SHOULDER .50 DIA. x .469 x 3/8-16 | 1      |                     |
| 27#  | 1733     | WASHER, 1/2 X 1/32, AN960-816L          | 1      |                     |
| 28\$ | 1615     | LEVER, TROWEL ADJ.                      | 1      |                     |
| 29\$ | 1162 A   | CAP, GREASE ZERK, #2 YELLOW             | 1      |                     |
| 30\$ | 2621     | FITTING, GREASE ZERK STR 1/4-28         | 1      |                     |
| 31#  | 3231     | SPACER, .75 DIA. x .406 DIA. x .688     | 1      |                     |
| 32#  | 4403     | KNOB, ROUND 1-3/8 DIA. x 3/8-16 BLACK   | 1      |                     |
| 33   | 9027     | YOKE ARM                                | 1      |                     |
| 34   | 9028     | PIN, YOKE                               | 1      |                     |
| 35   | 10136    | WASHER, FLAT SAE 3/8                    | 2      |                     |
| 36   | 0683     | PIN, COTTER 3/32Dx3/4                   | 2      |                     |
| 37   | 1617     | LEVER, TROWEL ASSY.....                 | 2..... | INCLUDES ITEMS W/\$ |
| 38\$ | 2737     | KIT, KNOB.....                          | 1..... | INCLUDES ITEMS W/#  |
| 39   | 4014     | SCREW, 2-3/16 P-K TYPE U DRIVE          | 2      |                     |
| 40   | 2332     | DECAL, AL PITCH, LH                     | 1      |                     |
| 41   | 2300     | DECAL, AL PITCH, RH                     | 1      |                     |

## PITCH CONTROL DRIVE CABLE ASSY.

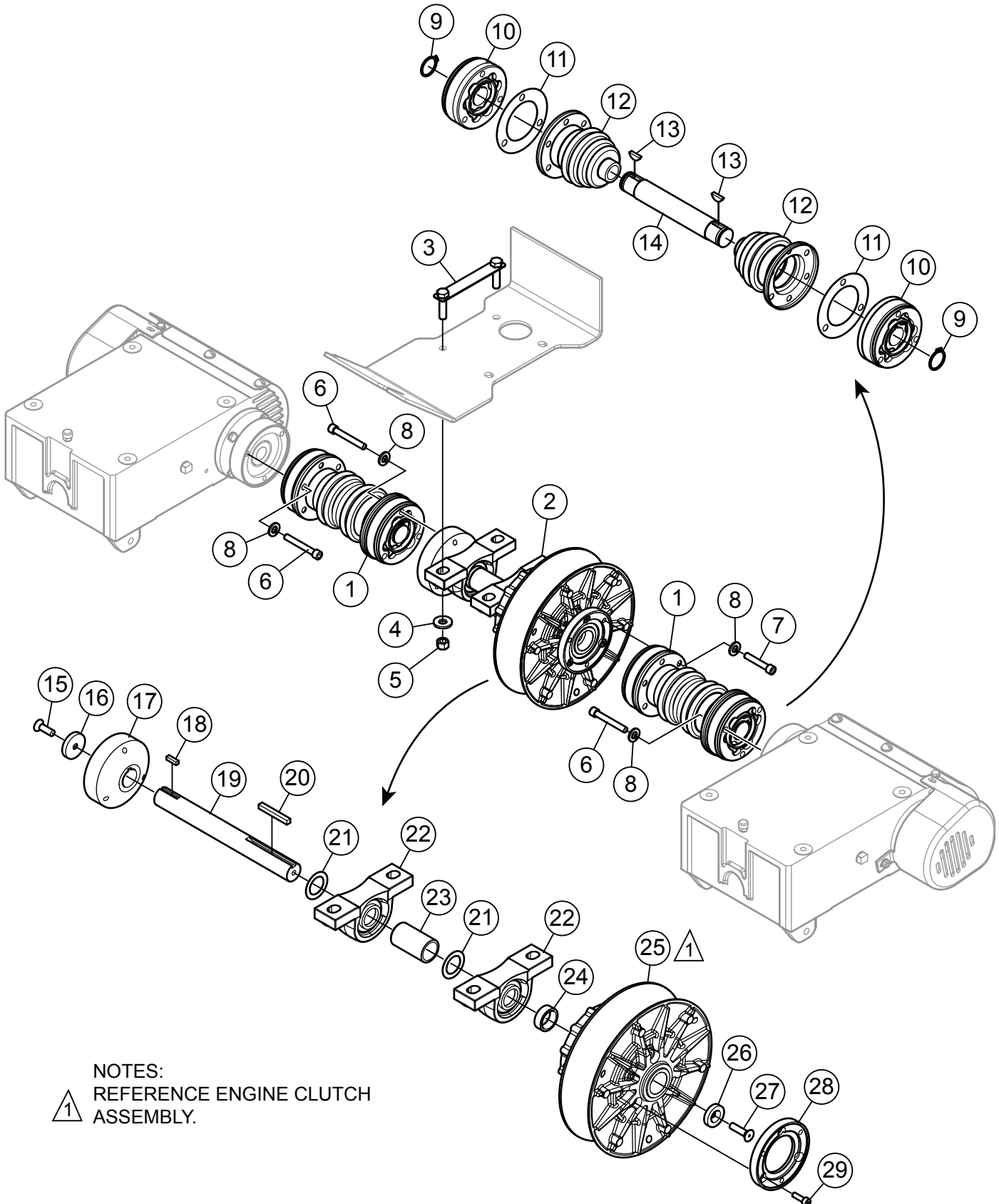


## PITCH CONTROL DRIVE CABLE ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>              | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|-------------------------------|-------------|----------------|
| 1          | 23036           | GEAR, PITCH CONTROL           | 1           |                |
| 2          | 9195            | SHS M5-0.8 X 10 CONE PT PATCH | 2           |                |
| 3          | 23295           | CLAMP, PITCH CABLE            | 1           |                |
| 4          | 37325           | SHC M5-0.8 X 30MM             | 2           |                |
| 5          | 23503           | DRIVE CABLE, PITCH CONTROL    | 1           |                |
| 6          | 23615           | CLAMP, PITCH CABLE, THREADED  | 1           |                |

### NOTICE

Indicated quantities are for one pitch control drive assembly. If ordering for two pitch control drives, double the quantity.

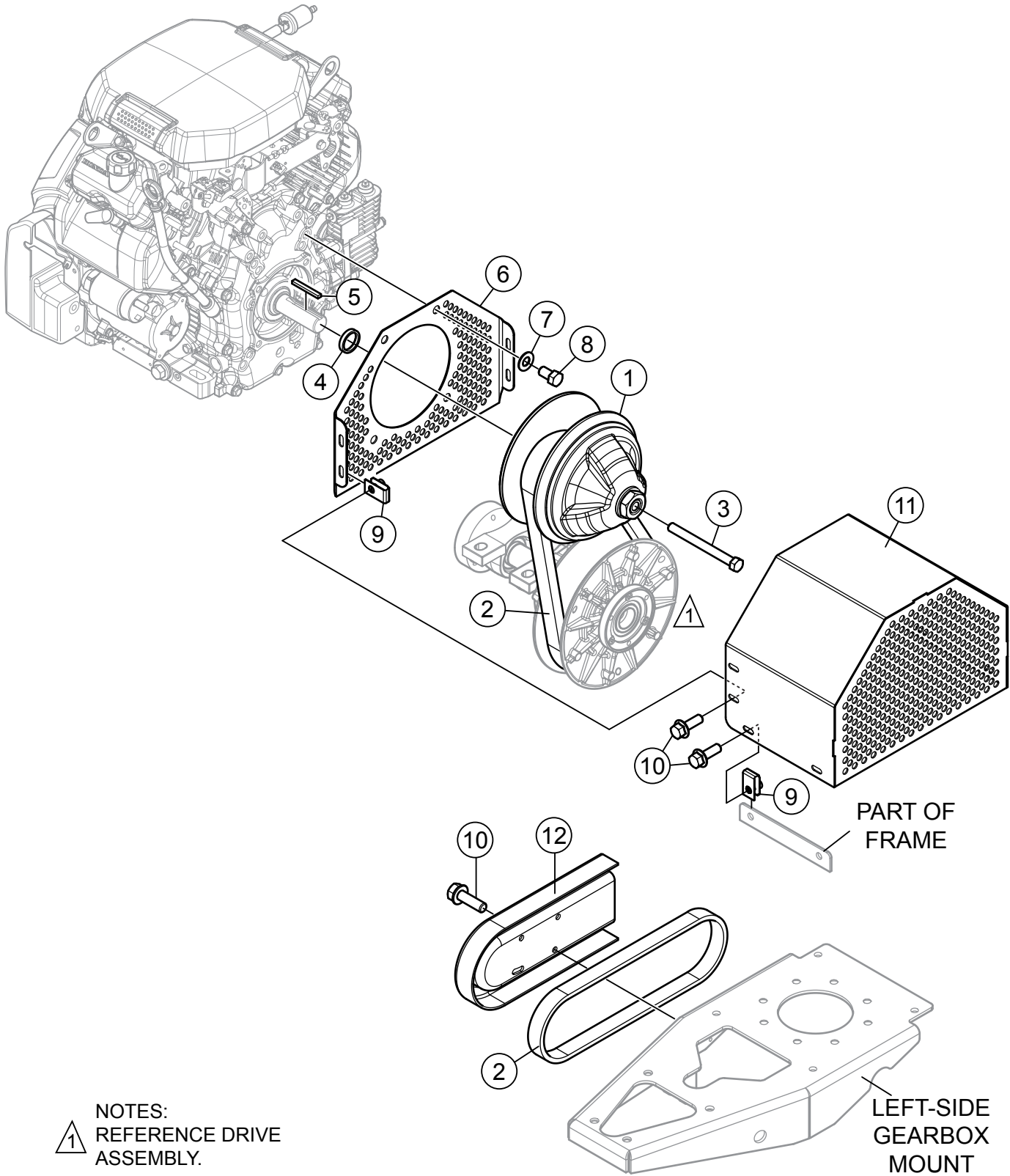


NOTES:  
 1 REFERENCE ENGINE CLUTCH ASSEMBLY.

## DRIVE ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                           | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|--------------------------------------------|-------------|--------------------|
| 1          | 23477           | CV JOINT ASSY .....                        | 2 .....     | INCLUDES ITEMS W/@ |
| 2          | 23478           | DRIVE ASSY .....                           | 1 .....     | INCLUDES ITEMS W/% |
| 3          | 20186           | PLATE, PILLOW BLOCK BEARING MOUNT          | 2           |                    |
| 4          | 13351           | WASHER, FLAT 3/8 EXT THICK HIGH STRGTH     | 4           |                    |
| 5          | 10133           | NUT, NYLOC 3/8-16                          | 4           |                    |
| 6          | 2186            | SCREW, SHC 5/16-18 X 2-1/4 PLTD            | 9           |                    |
| 7          | 0243            | SCREW, SHC 5/16-18 X 1 3/4                 | 3           |                    |
| 8          | 0161 C          | WASHER, LOCK, 5/16 MED.                    | 12          |                    |
| 9%         | 2090            | SNAP RING, TRUARC#5100-106 1.062 DIAx.056  | 2           |                    |
| 10%        | 392052          | JOINT, C.V.                                | 2           |                    |
| 11%        | 11108           | GASKET, C.V. JOINT BOOT                    | 2           |                    |
| 12% @      | 2259            | BOOT ASM, C.V. JOINT                       | 2           |                    |
| 13%        | 0126            | KEY, WOODRUFF #606 3/16x3/4 (#9)           | 2           |                    |
| 14%        | 2071            | SHAFT, C.V. JOINT 7.44LG                   | 1           |                    |
| 15%        | 1146            | SCREW, FHSC 5/16-18X1, NYLOC, NP           | 1           |                    |
| 16%        | 2037            | SPACER, CSK 1.375 DIA. x .328 DIA. x .250  | 1           |                    |
| 17%        | 2029            | COUPLER, C.V. 1.000 DIA SHAFT DRIVE        | 1           |                    |
| 18%        | 10909           | KEY, 3/16" SQ X 11/16                      | 1           |                    |
| 19%        | 23479           | SHAFT, DRIVE BEARING                       | 1           |                    |
| 20%        | 6059 B          | KEY, 1/4 SQ X 2                            | 1           |                    |
| 21%        | 11773           | SHIM, STEEL .031 x 1.500 DIA. x 1.000 DIA. | 2           |                    |
| 22%        | 10337           | BEARING, P-BLOCK 1.0"-JIB #VPLS205-16      | 2           |                    |
| 23%        | 23531           | SPACER, BEARING SHAFT                      | 1           |                    |
| 24%        | 23532           | SPACER, LOWER CLUTCH                       | 1           |                    |
| 25%        | 23511           | PULLEY, DRIVEN JWN24                       | 1           |                    |
| 26%        | 23484           | RETAINER, DRIVEN CLUTCH                    | 1           |                    |
| 27%        | 9092            | SCREW, FHSC 5/16-18x1.25 NYLON PATCH       | 1           |                    |
| 28%        | 23480           | COUPLER, CV JOINT                          | 1           |                    |
| 29%        | 17108           | SCREW, SHC M6-1.00x20, DIN912 CL12.9       | 3           |                    |

# ENGINE CLUTCH ASSY.

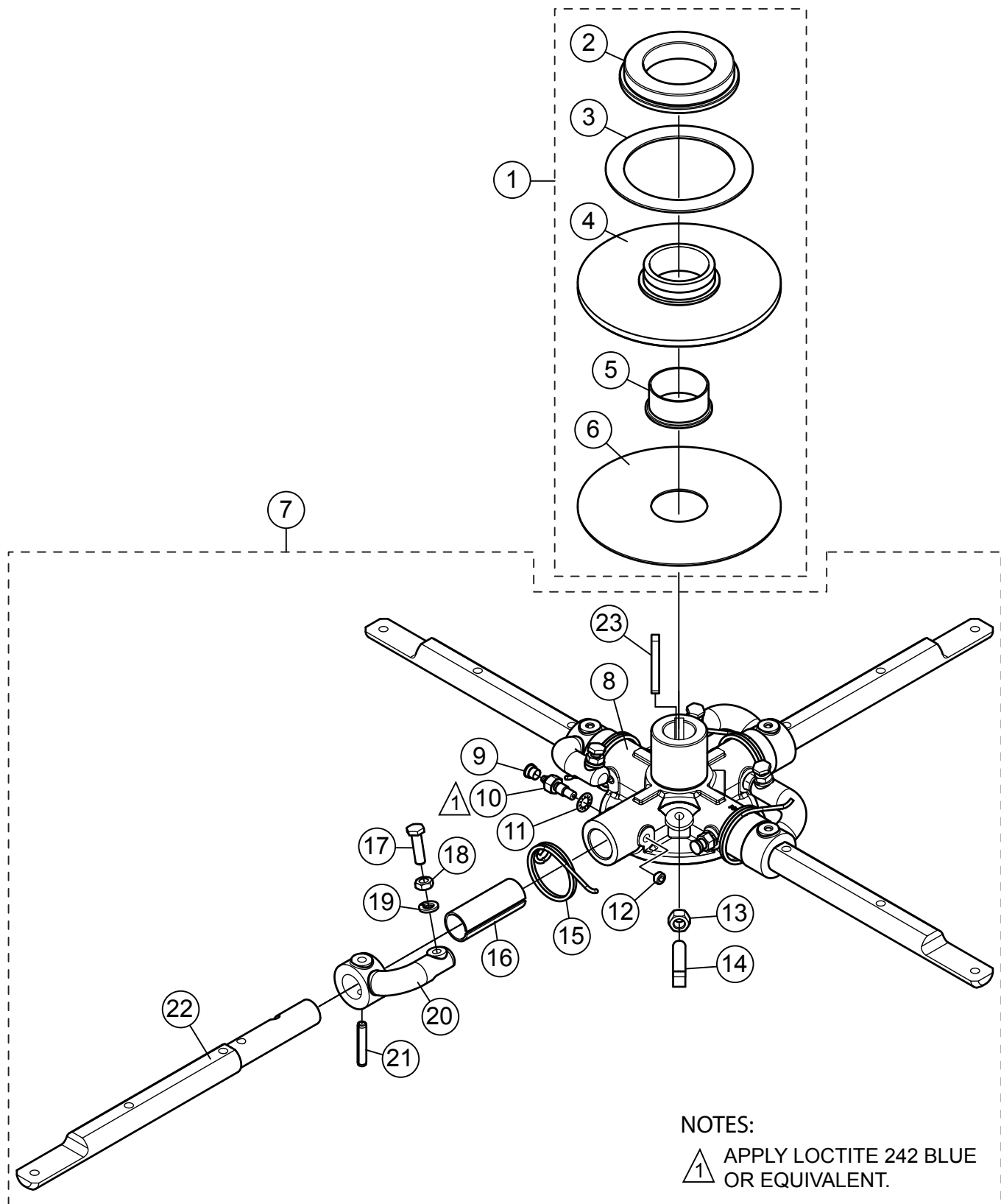


## ENGINE CLUTCH ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|---------------------------------|-------------|----------------|
| 1          | 23512           | CLUTCH, DRIVE JWN24             | 1           |                |
| 2          | 23513           | BELT, LIGHT DUTY RIDER CVT      | 2           |                |
| 3          | 23516           | SCREW, HHC 7/16-20 x 4.0" GRD 8 | 1           |                |
| 4          | 23590           | SPACER, UPPER CLUTCH, JWN       | 1           |                |
| 5          | 22632           | KEY, STEEL .188 x .250 x 2.063  | 1           |                |
| 6          | 23565           | PANEL, BACK, BELT GUARD         | 1           |                |
| 7          | 933243          | WASHER, FLAT SAE 7/16 GRD 9 YZ  | 4           |                |
| 8          | 15563           | SCREW, HHC 7/16-14 X 0.75       | 4           |                |
| 9          | 11534           | NUT, "U" TYPE, 1/4-20           | 8           |                |
| 10         | 49048           | SCREW, HHFS 1/4-20 x 3/4 GR5    | 10          |                |
| 11         | 23562           | GUARD, BELT, JWN                | 1           |                |
| 12         | 2429            | BELT HOLDER, CVT SPARE BELT     | 1           |                |



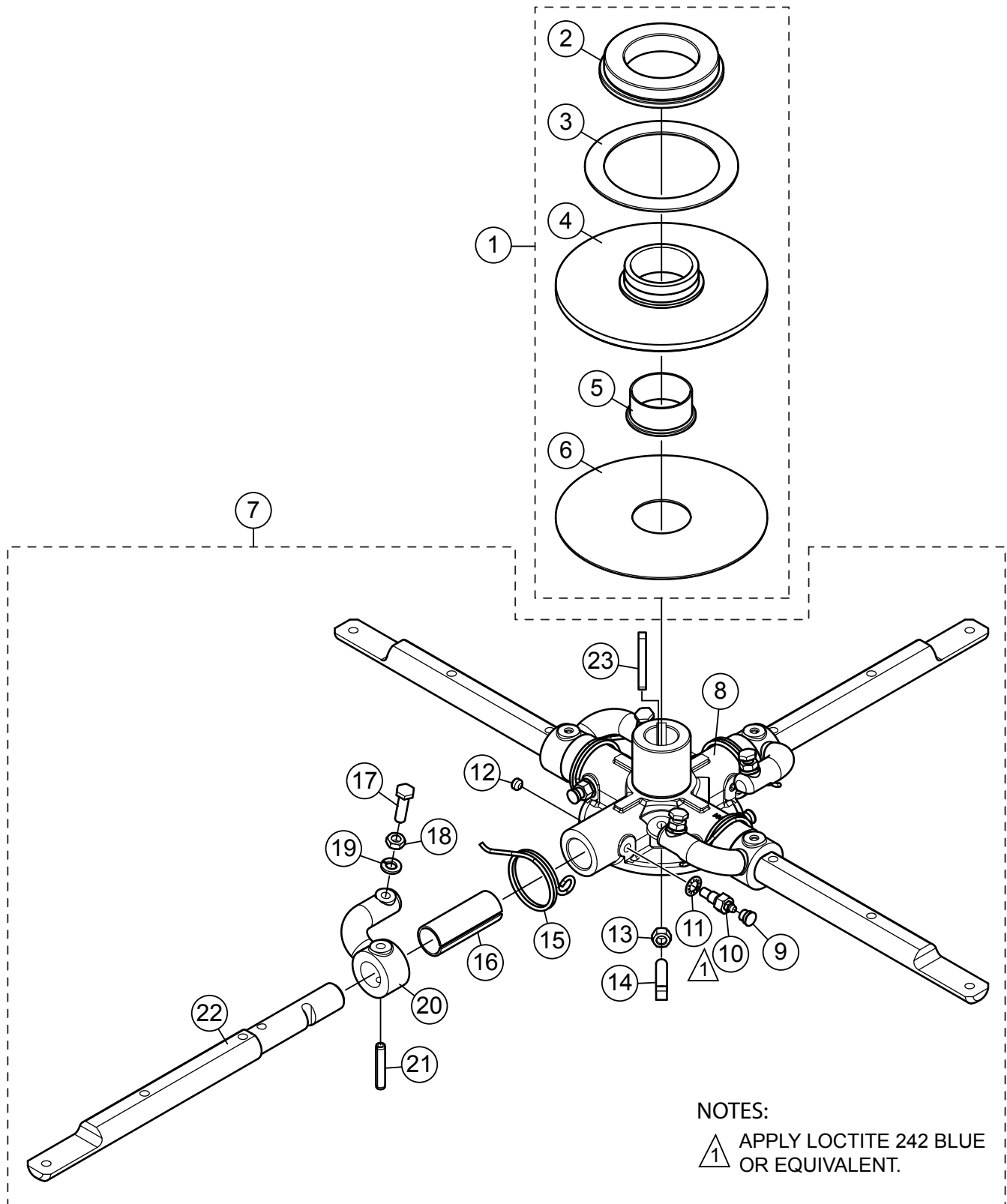
## SPIDER ASSY. (LEFT)



## SPIDER ASSY. (LEFT)

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                    | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|-------------------------------------|-------------|--------------------|
| 1          | 10968           | THRUST COLLAR ASSY, JB SEALED.....  | 1.....      | INCLUDES ITEMS W/@ |
| 2@         | 12778           | BEARING, THRUST 6013-2RS            | 1           |                    |
| 3@         | 12208           | WEAR RING, SEALED THRUST            | 1           |                    |
| 4@         | 39A1796         | CASTING, THRUST COLLAR J & B        | 1           |                    |
| 5@         | 1471            | BUSHING, BRONZE                     | 1           |                    |
| 6@         | 1154 A          | PLATE, WEAR                         | 1           |                    |
| 7          | 20369           | SPIDER ASSY, 4BLD LEFT SIDE .....   | 1.....      | INCLUDES ITEMS W/% |
| 8%         | 22646           | SPIDER HUB ASSY                     | 1           |                    |
| 9%         | 1162 A          | CAP, GREASE ZERK, #2 YELLOW         | 4           |                    |
| 10%        | A5978           | SCREW, ARM RETAINING                | 4           |                    |
| 11%        | 1875            | WASHER, INT. SHKP, 3/8              | 4           |                    |
| 12%        | 11602           | SCREW, SHS 3/8-16 x.25              | 4           |                    |
| 13%        | 1456            | NUT, HEX FINISH 3/8-16              | 1           |                    |
| 14%        | 12097           | SCREW, SQHS 3/8-16x1-3/4 CONE GRD 8 | 1           |                    |
| 15%        | 1316            | SPRING, LS J/B ARM RETURN           | 4           |                    |
| 16%        | 1157 A          | BUSHING, INSERT                     | 4           |                    |
| 17%        | 0164 B          | SCREW, HHC ROUNDED                  | 4           |                    |
| 18%        | 1876            | NUT, HEX JAM 3/8-16 CLASS 2B        | 4           |                    |
| 19%        | 0166 A          | WASHER, LOCK, 3/8 MED.              | 4           |                    |
| 20%        | 1555            | LEVER, TROWEL ARM, LEFT HAND        | 4           |                    |
| 21%        | 4164            | PIN, ROLL 5/16X 1-3/4,NO PLATE      | 4           |                    |
| 22%        | 20409           | ARM, TROWEL BLADE JWN LEFT          | 4           |                    |
| 23%        | 9193            | KEY, SQ RN .312x3.00                | 1           |                    |

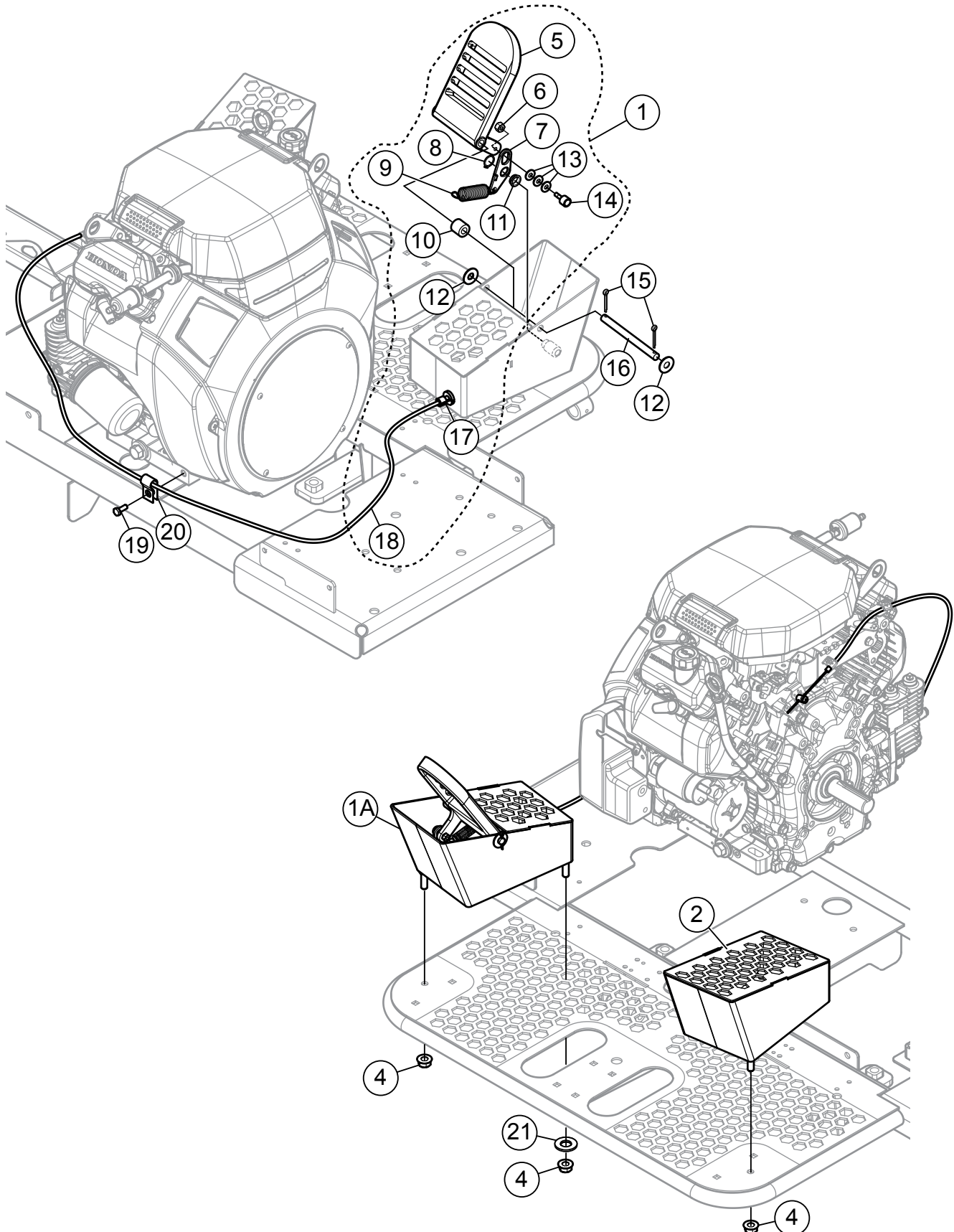
## SPIDER ASSY. (RIGHT)



## SPIDER ASSY. (RIGHT)

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                    | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|-------------------------------------|-------------|--------------------|
| 1          | 10968           | THRUST COLLAR ASSY, JB SEALED.....  | 1.....      | INCLUDES ITEMS W/@ |
| 2@         | 12778           | BEARING, THRUST 6013-2RS            | 1           |                    |
| 3@         | 12208           | WEAR RING, SEALED THRUST            | 1           |                    |
| 4@         | 39A1796         | CASTING, THRUST COLLAR J & B        | 1           |                    |
| 5@         | 1471            | BUSHING, BRONZE                     | 1           |                    |
| 6@         | 1154 A          | PLATE, WEAR                         | 1           |                    |
| 7          | 20370           | SPIDER ASSY, 4BLD RIGHT SIDE .....  | 1.....      | INCLUDES ITEMS W/% |
| 8%         | 22647           | SPIDER HUB ASSY                     | 1           |                    |
| 9%         | 1162 A          | CAP, GREASE ZERK, #2 YELLOW         | 4           |                    |
| 10%        | A5978           | SCREW, ARM RETAINING                | 4           |                    |
| 11%        | 1875            | WASHER, INT. SHKP, 3/8              | 4           |                    |
| 12%        | 11602           | SCREW, SHS 3/8-16 x.25              | 4           |                    |
| 13%        | 1456            | NUT, HEX FINISH 3/8-16              | 1           |                    |
| 14%        | 12097           | SCREW, SQHS 3/8-16x1-3/4 CONE GRD 8 | 1           |                    |
| 15%        | 1317            | SPRING, RS J/B ARM RETURN           | 4           |                    |
| 16%        | 1157 A          | BUSHING, INSERT                     | 4           |                    |
| 17%        | 0164 B          | SCREW, HHC ROUNDED                  | 4           |                    |
| 18%        | 1876            | NUT, HEX JAM 3/8-16 CLASS 2B        | 4           |                    |
| 19%        | 0166 A          | WASHER, LOCK, 3/8 MED.              | 4           |                    |
| 20%        | 1163            | LEVER, TROWEL ARM, RIGHT HAND       | 4           |                    |
| 21%        | 4164            | PIN, ROLL 5/16X 1-3/4,NO PLATE      | 4           |                    |
| 22%        | 20408           | ARM, TROWEL BLADE JWN RIGHT         | 4           |                    |
| 23%        | 9193            | KEY, SQ RN .312x3.00                | 1           |                    |

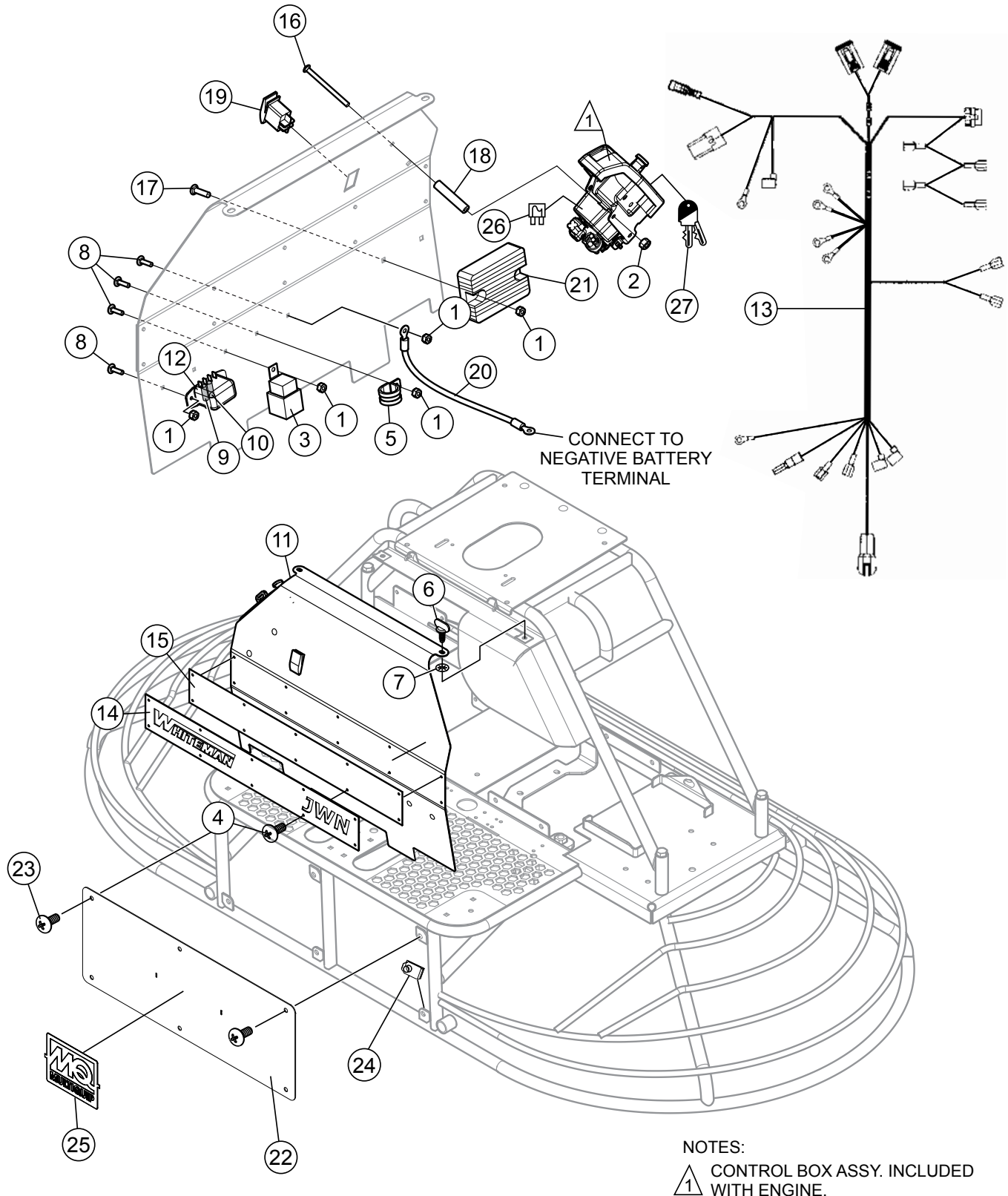
## FOOT PEDAL/THROTTLE ASSY.



## FOOT PEDAL/THROTTLE ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                         | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|------------------------------------------|-------------|--------------------|
| 1          | 23469           | ACCELERATOR PEDAL ASSY.....              | 1.....      | INCLUDES ITEMS W/@ |
| 1A@        | 23592           | FOOT RISER, ACCELERATOR SIDE             | 1           |                    |
| 2          | 23568           | FOOT RISER                               | 1           |                    |
| 4          | 49071           | NUT, FLANGED 5/16-18 SERRATED PLTD       | 4           |                    |
| 5@         | 23591           | PEDAL, ACCELERATOR                       | 1           |                    |
| 6@         | 1618            | NUT, NYLOC 10-24                         | 1           |                    |
| 7@         | 23473           | LINKAGE, ACCELERATOR PEDAL               | 1           |                    |
| 8@         | 1737            | RING, SNAP, TRUARC 5100-50               | 1           |                    |
| 9@         | 37527           | SPRING, EXT. .625OD X 2.5L X .053 M WIRE | 1           |                    |
| 10@        | 23596           | SPACER, PEDAL                            | 1           |                    |
| 11@        | 38368           | BUSHING, SPLIT FLANGED, .5 ID            | 1           |                    |
| 12@        | 10136           | WASHER, FLAT SAE 3/8                     | 2           |                    |
| 13@        | 2203            | WASHER, FLAT, #10                        | 3           |                    |
| 14@        | 460018          | CAM ROLLER, SAW FNR CONTROL              | 1           |                    |
| 15@        | 6014 B          | PIN, COTTER 3/32DX1.00                   | 2           |                    |
| 16@        | 2772            | PIN, ACCELERATOR PEDAL                   | 1           |                    |
| 17@        | 21824           | ADJUSTER W/ THUMB WHEEL                  | 1           |                    |
| 18@        | 23518           | CABLE, THROTTLE JWN                      | 1           |                    |
| 19         | 12464           | SCREW, HHC M6-1.0 X 16MM                 | 1           |                    |
| 20         | 8126            | CLAMP, HOSE SUPPORT 1/2" SMALL           | 1           |                    |

# CONTROL PANEL ASSY.

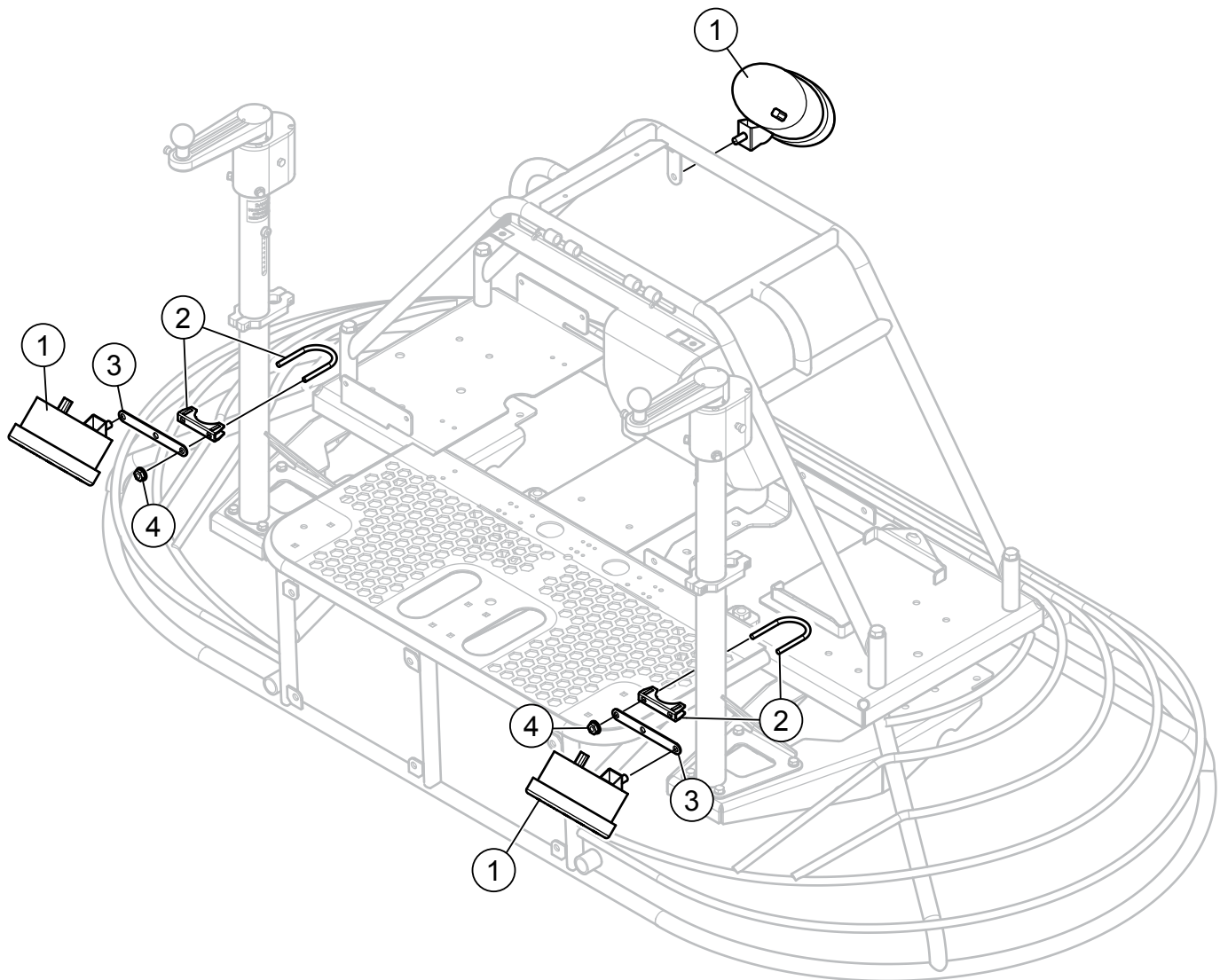


## CONTROL PANEL ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                    | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|-------------------------------------|-------------|----------------|
| 1          | 10019           | NUT, NYLOC 10-32                    | 7           |                |
| 2          | 10024           | NUT, NYLOC 1/4-20                   | 2           |                |
| 3          | 12017           | RELAY, KILL                         | 1           |                |
| 4          | 19847           | RIVET, POP, ALUM, 3/16x1/8-1/4 GRIP | 10          |                |
| 5          | 21574           | CLAMP, LOOP CUSHIONED #16 0.25 HOLE | 1           |                |
| 6          | 21893           | SCREW, FAST LEAD                    | 2           |                |
| 7          | 21986           | WASHER, FAST LEAD-STAINLESS         | 2           |                |
| 8          | 22131           | BOLT, CARRIAGE 10-32 X 3/4 ZINC     | 5           |                |
| 9          | 23284-030       | FUSE, 3 AMP                         | 1           |                |
| 10         | 23284-150       | FUSE, 15 AMP                        | 1           |                |
| 11         | 23526           | PANEL, FRONT, JWN                   | 1           |                |
| 12         | 23534           | FUSE BLOCK, 4 FUSE                  | 1           |                |
| 13         | 23540           | HARNESS, MAIN PANEL, JWN            | 1           |                |
| 14         | 23549           | PANEL, "WHITEMAN", JWN              | 1           |                |
| 15         | 23577           | PLATE, TRIM BACKING, JWN            | 1           |                |
| 16         | 23595           | BOLT, CARRIAGE 1/4-20 X 3 1/2       | 2           |                |
| 17         | 23620           | BOLT, CARRIAGE 1/4-20 x 1           | 2           |                |
| 18         | 23622           | SPACER, ENG CONTROL PANEL           | 2           |                |
| 19         | 406000          | SWITCH, ROCKER, CH# M-58031-01      | 1           |                |
| 20         | 23605           | WIRE, CONTROL PANEL GROUND          | 1           |                |
| 21         | 31750Z2E803     | REGULATOR 20 AMP, RECTIFIER ASSY.   | 1           |                |
| 22         | 23612           | PLATE, FRONT PANEL (LOWER)          | 1           |                |
| 23         | 12287           | SCREW, THP 1/4-20 X 3/4 SS          | 6           |                |
| 24         | 11534           | NUT, "U" TYPE                       | 6           |                |
| 25         | 23235           | BADGE, FOOT PLATFORM                | 1           |                |
| 26         | 982004300       | FUSE, 30A                           | 1           |                |
| 27         | 35110ZV5V50     | KEY, IGNITION                       | 2           |                |



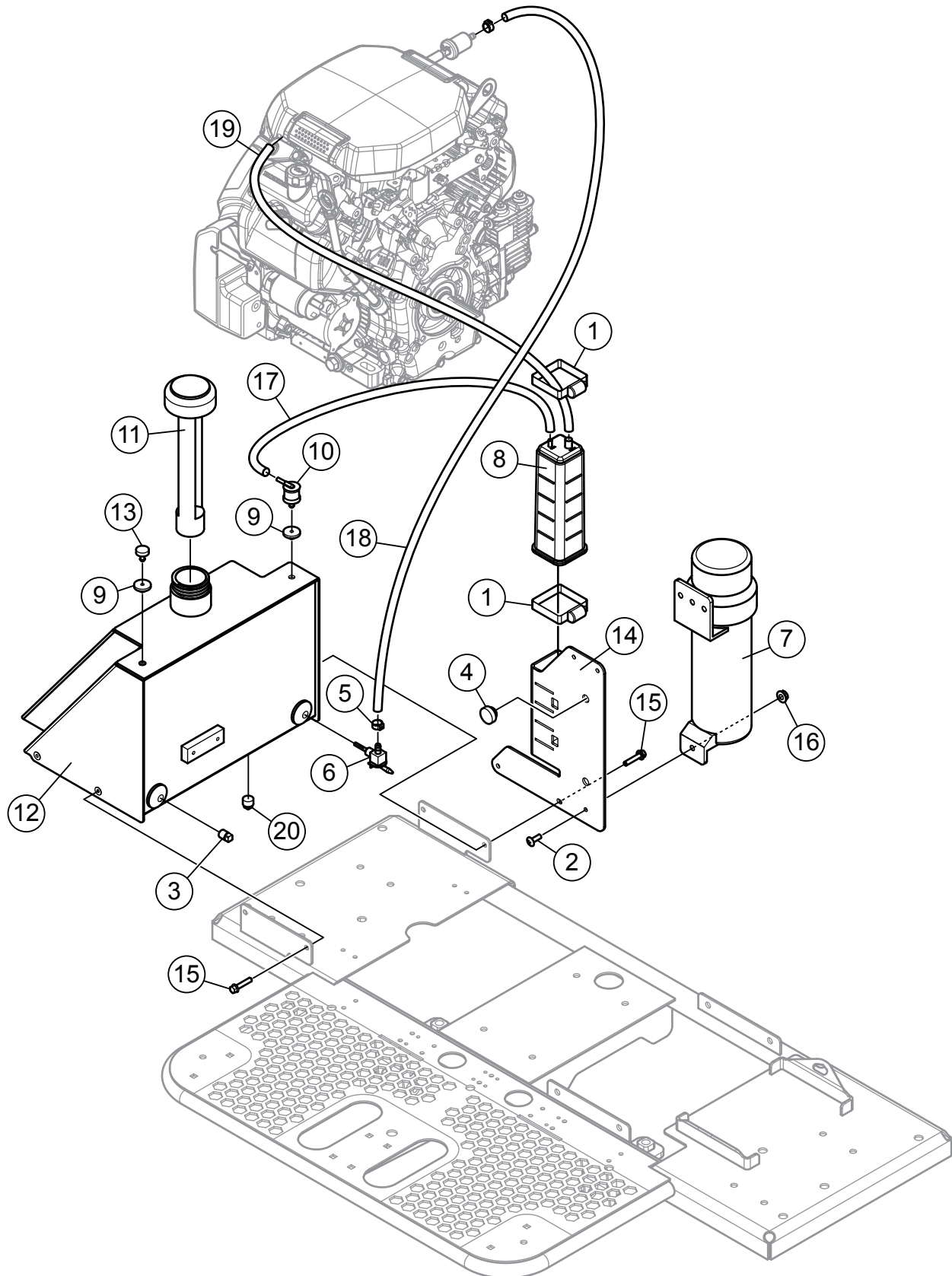
## LIGHTS ASSY.



## LIGHTS ASSY.

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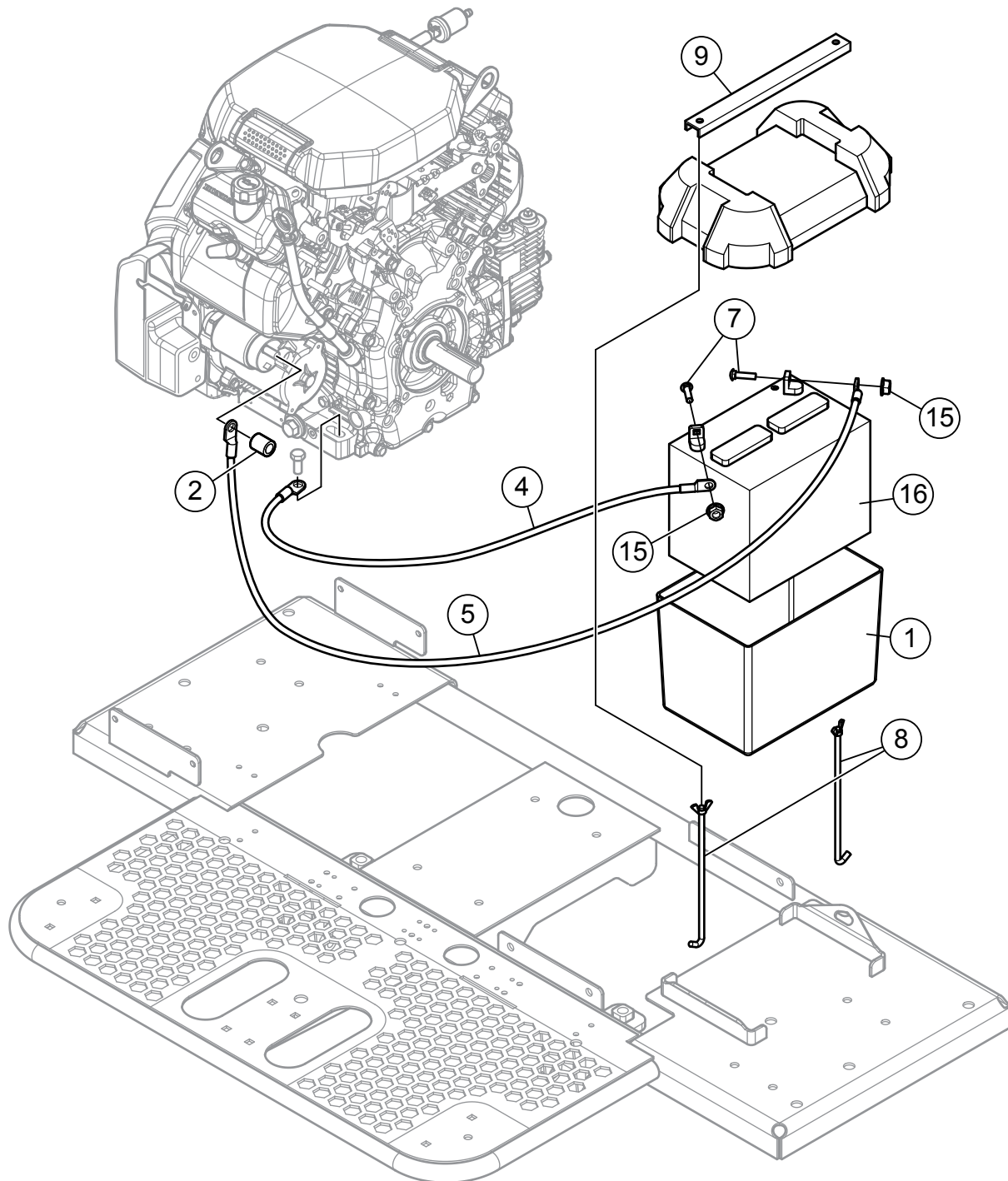
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>               | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|--------------------------------|-------------|--------------------|
| 1          | 22347           | LIGHT, HELLA BOTTOM MOUNT OVAL | 3           |                    |
| 2          | 2534            | CLAMP, 1-3/4" MUFFLER.....     | 2.....      | INCLUDES ITEMS W/@ |
| 3          | 2531            | BRACKET, LIGHT SIDE            | 2           |                    |
| 4@         |                 | NUT                            | 4           |                    |



**FUEL ASSY.**

| <b><u>NO.</u></b> | <b><u>PART NO.</u></b> | <b><u>PART NAME</u></b>                       | <b><u>QTY.</u></b> | <b><u>REMARKS</u></b> |
|-------------------|------------------------|-----------------------------------------------|--------------------|-----------------------|
| 1                 | 12277                  | CLAMP, HOSE WORM, #36, 1 13/16 - 2 3/4        | 2                  |                       |
| 2                 | 12287                  | SCREW, THP 1/4-20 X 3/4 SS                    | 3                  |                       |
| 3                 | 16185                  | FITTING, PLUG 1/4MP SQ HD                     | 1                  |                       |
| 4                 | 21597                  | BUMPER, STEM 1.0"D x .5S x .31                | 2                  |                       |
| 5                 | 22067                  | CLAMP, STEPLESS EAR 1/4" HOSE #138            | 2                  |                       |
| 6                 | 22081                  | SHUTOFF VALVE, 1/4 NPT, 1/4 HOSE              | 1                  |                       |
| 7                 | 23297                  | MANUAL HOLDER, PICTOGRAPH SAE J232            | 1                  |                       |
| 8                 | 23505                  | CANISTER, CARBON, 390CC/EPA                   | 1                  |                       |
| 9                 | 23507                  | GROMMET, ROLL OVER VALVE/EPA                  | 2                  |                       |
| 10                | 23508                  | VALVE, ROLL OVER, STD CP/EPA                  | 1                  |                       |
| 11                | 23514                  | CAP, RATCHET W/GAUGE "GASOLINE" (10.5")/EPA   | 1                  |                       |
| 12                | 23556                  | FUEL TANK, ASSEMBLY                           | 1                  |                       |
| 13                | 23557                  | PLUG, FUEL TANK VENT                          | 1                  |                       |
| 14                | 23593                  | BRACKET, CHARCOAL CANISTER                    | 1                  |                       |
| 15                | 23619                  | SCREW, HHFS 1/4-20 X 1 1/4, ZP                | 4                  |                       |
| 16                | 49070                  | NUT, FLANGED 1/4-20 SERRATED PLTD             | 3                  |                       |
| 17                | 60004                  | HOSE, FUEL .187 D 50PSI LOW PERM CARB2006/EPA | 1.0 FT             |                       |
| 18                | 60013                  | HOSE, FUEL .250 D 50PSI LOW PERM CARB2006/EPA | 2.0 FT             |                       |
| 19                | 60028                  | HOSE, FUEL .312 D 50PSI LOW PERM CARB2006/EPA | 2.0 FT             |                       |
| 20                | 911329                 | FITTING, PLUG 3/8MP MAGNET                    | 1                  |                       |

## BATTERY ASSY.



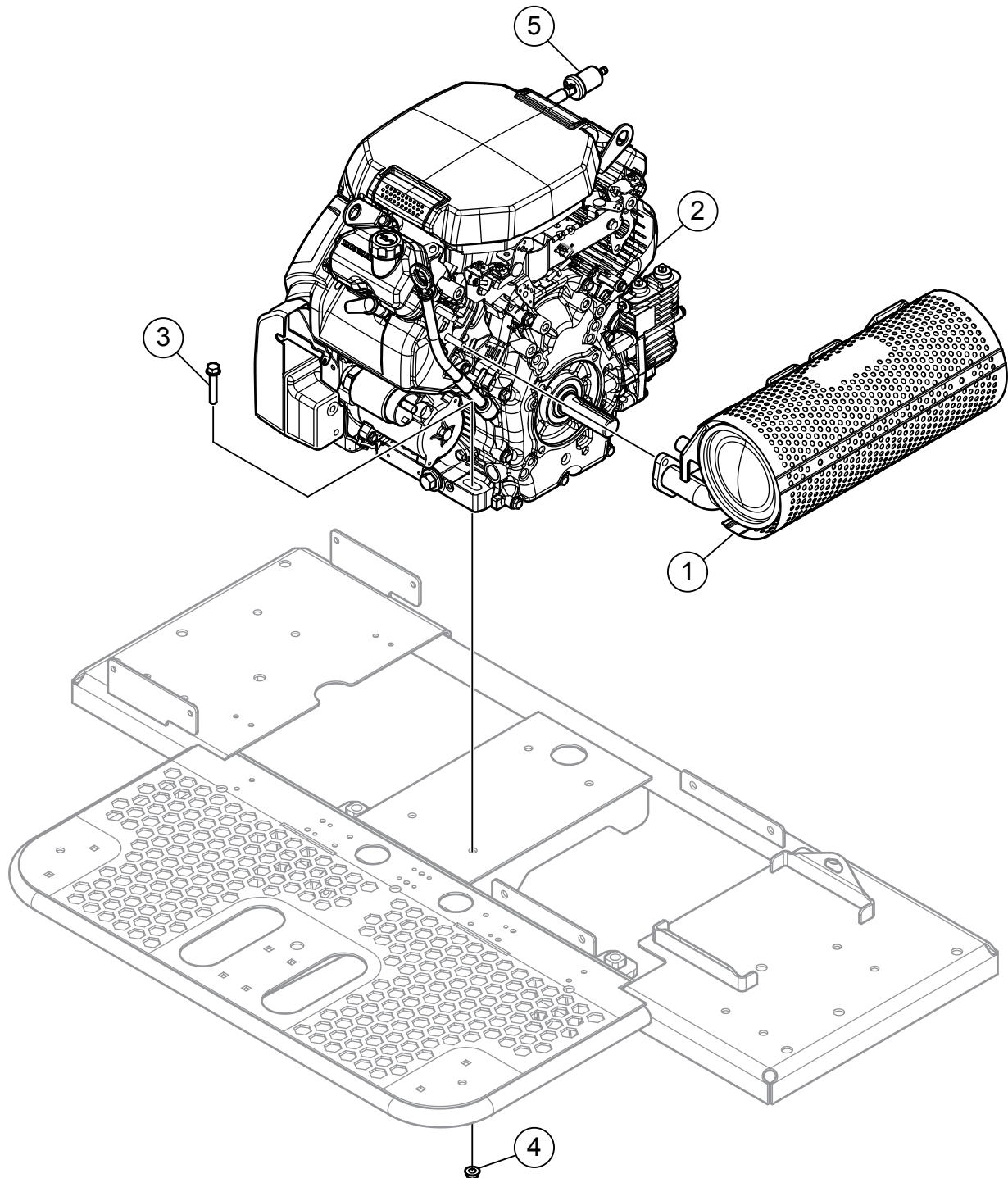
**BATTERY ASSY.**

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                   | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|------------------------------------|-------------|----------------|
| 1          | 2449            | BATTERY BOX, GR. U1                | 1           |                |
| 2          | 2762            | BOOT,TERMINAL                      | 1           |                |
| 4          | 12022           | CABLE, BATTERY NEG 4GA X 23        | 1           |                |
| 5          | 12675           | CABLE, BATTERY POS 4GA X 36"       | 1           |                |
| 7          | 19824           | BOLT, CARRIAGE 5/16-16 x 3/4       | 2           |                |
| 8          | 20194           | KIT, BATTERY HOLD DOWN HARDWARE    | 1           |                |
| 9          | 20356           | BRKT, BATTERY HOLD-DOWN            | 1           |                |
| 15         | 49071           | NUT, FLANGED 5/16-18 SERRATED PLTD | 2           |                |
| 16         | 4671            | BATTERY, 12V GROUP U1 WET CELL     | 1           |                |

## ENGINE AND MUFFLER ASSY.

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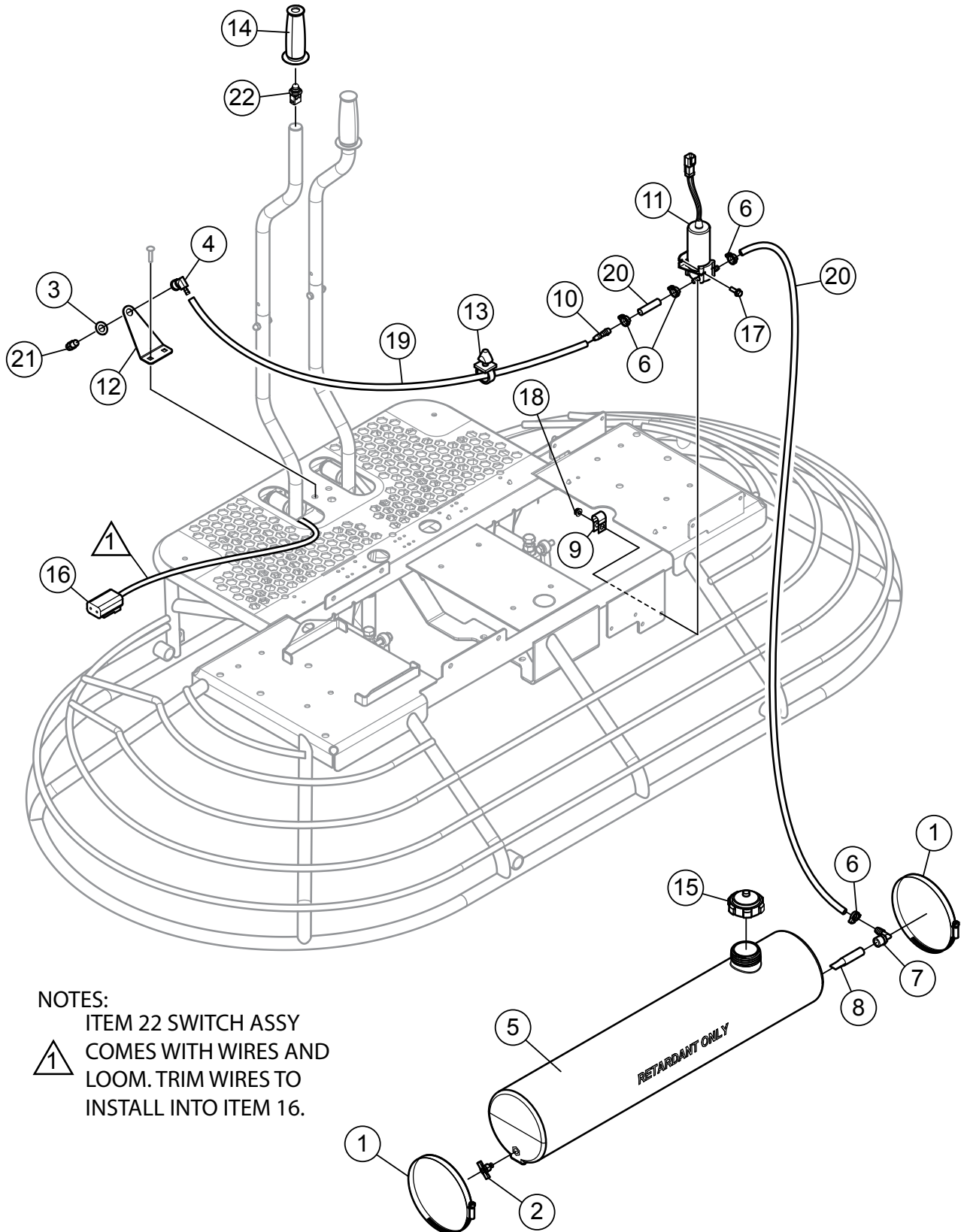


## ENGINE AND MUFFLER ASSY.

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                   | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|------------------------------------|-------------|----------------|
| 1          | 22610           | MUFFLER, RIGHT DISCHARGE, HONDA    | 1           |                |
| 2          | 22609           | ENGINE, HONDA GX690RTAF-R280, 24HP | 1           |                |
| 3          | 22174           | SCREW, HHFS 5/16-18 x 1.75 GR5     | 4           |                |
| 4          | 49071           | NUT, FLANGED 5/16-18 SERRATED PLTD | 4           |                |
| 5          | 37240ZG5004     | SWITCH, OIL PRESSURE               |             |                |

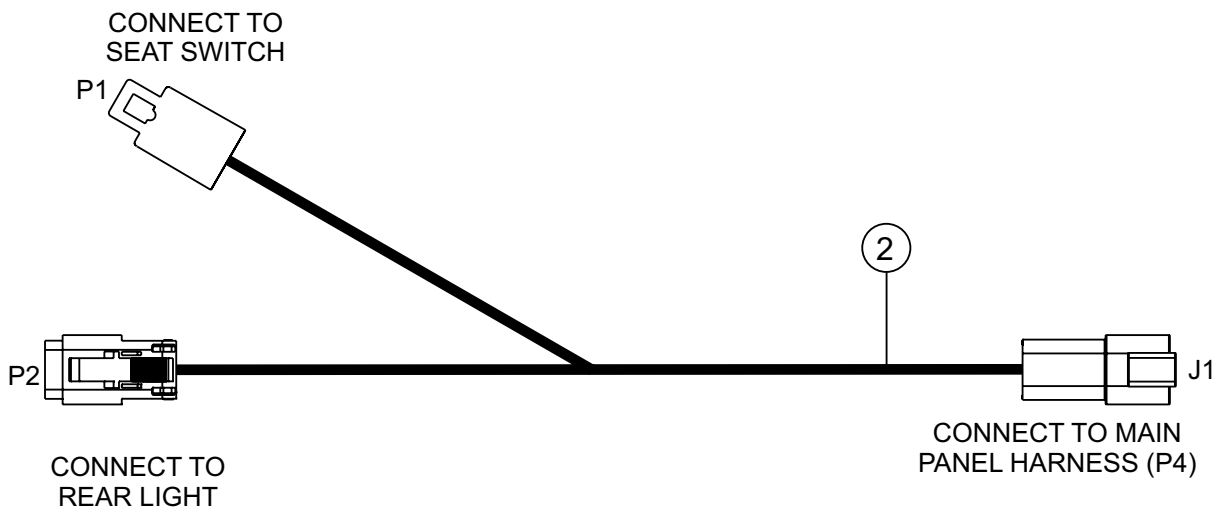
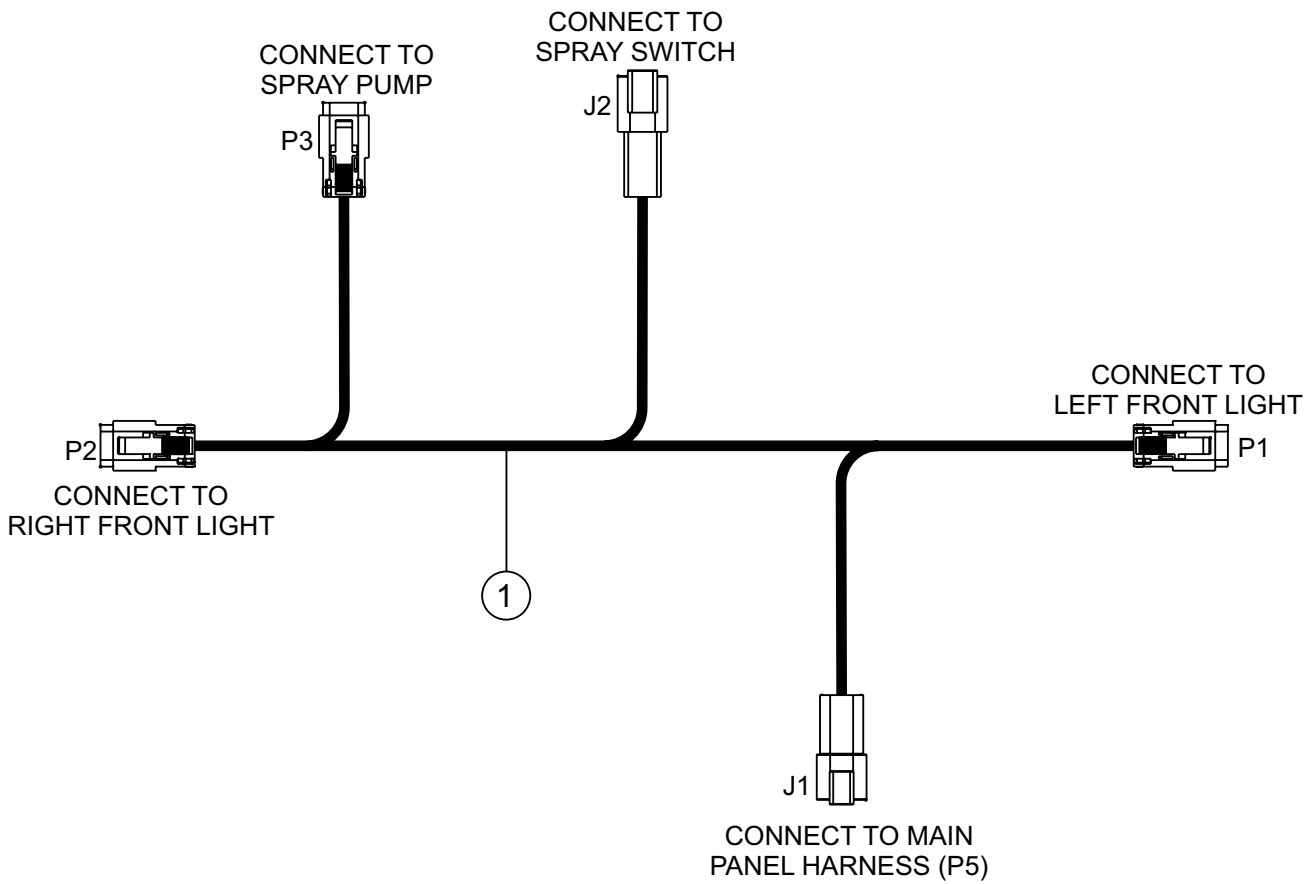




## SPRAY ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                      | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|---------------------------------------|-------------|---------------------|
| 1          | 2398            | CLAMP, HOSE WORM #96 4.75" TO 6.50"   | 2           |                     |
| 2          | 2478            | FITTING, PETCOCK RAD DRAIN 1/4MP      | 1           |                     |
| 3          | 2898            | WASHER, BONDED NEOPRENE 1" X 1/2"     | 1           |                     |
| 4          | 2912            | FITTING, BRASS 90 4BARB-1/4FP         | 1           |                     |
| 5          | 2916            | WATER TANK                            | 1           |                     |
| 6          | 2918            | CLAMP, HOSE- PLASTIC .475 - .536      | 4           |                     |
| 7          | 2925            | FITTING, PLASTIC 90 6BARB 3/8 MP      | 1           |                     |
| 8          | 2926            | SCREEN, STRAINER                      | 1           |                     |
| 9          | 8125            | CLAMP, HOSE 5/8"                      | 1           |                     |
| 10         | 10022           | FITTING, PLASTIC 6 BARB-4 BARB        | 1           |                     |
| 11         | 23434           | PUMP, SPRAY W\CONNECTOR               | 1           |                     |
| 12         | 23576           | MOUNTING BRACKET, SPRAY NOZZLE        | 1           |                     |
| 13         | 23610           | CLIP, PUSH IN, .375 ID                | 6           |                     |
| 14         | 23611           | GRIP, HANDLE W\ 5/8" HOLE .....       | 1           | W/SPRAY OPTION ONLY |
| 15         | 2108            | CAP, SPRAY TANK                       | 1           |                     |
| 16         | 37403           | CONNECTOR KIT, DEUTSCH DT06-2S        | 1           |                     |
| 17         | 49048           | SCREW, HHFS 1/4-20 x 3/4 GR5          | 2           |                     |
| 18         | 49070           | NUT, FLANGED 1/4-20 SERRATED PLTD     | 2           |                     |
| 19         | 60001           | HOSE, PVC CLEAR .250 DIA. x .375 DIA. | 4.5 FT      |                     |
| 20         | 60002           | HOSE, PVC CLEAR .375 DIA. x .50 DIA.  | 1FT         |                     |
| 21         | 392292          | NOZZLE, SPRAY                         | 1           |                     |
| 22         | 11430           | SWITCH ASSY. W/WIRES AND LOOM         | 1           |                     |

## HARNESS ASSY.

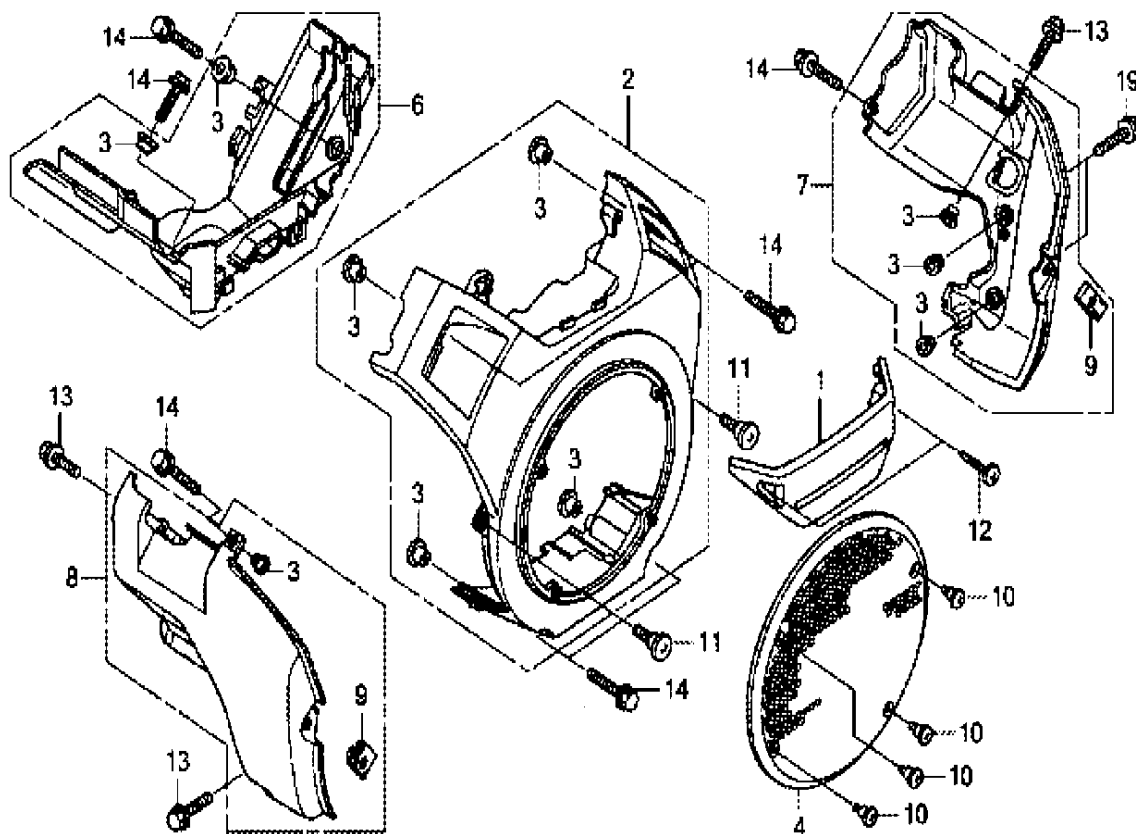


## **HARNESS ASSY.**

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>    | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|---------------------|-------------|----------------|
| 1          | 23542           | HARNESS, MAIN FRAME | 1           |                |
| 2          | 23541           | HARNESS, SEAT FRAME | 1           |                |

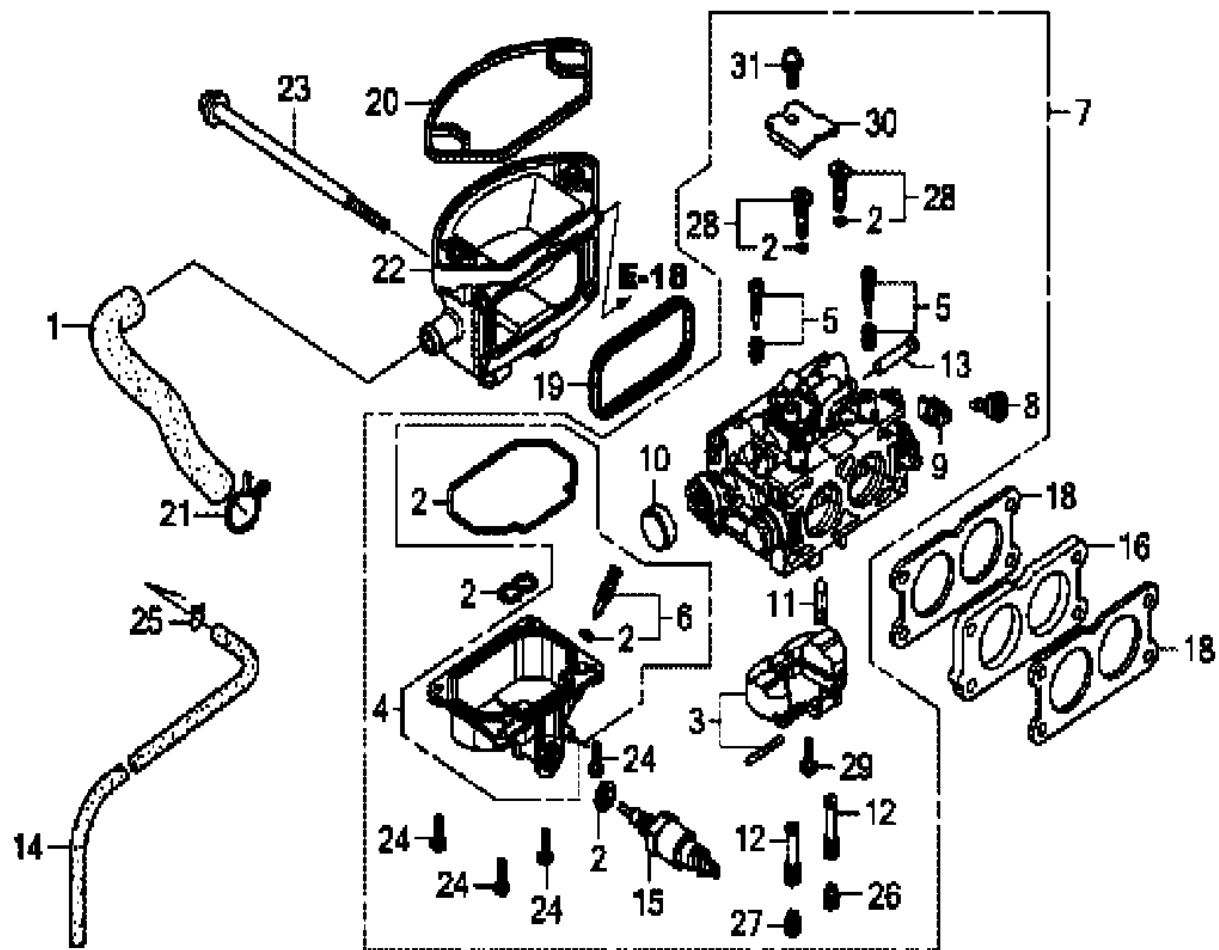
## HONDA GX690RTAF — FAN COVER ASSY.



## HONDA GX690RTAF — FAN COVER ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>        | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|-------------------------|-------------|----------------|
| 1          | 16715Z6L000     | COVER, FUEL PUMP        | 1           |                |
| 2          | 19610Z6L000ZA   | COVER COMP., FAN *R280* | 1           |                |
| 3          | 19619Z0A300     | COLLAR, FAN COVER       | 10          |                |
| 4          | 19621Z6L000     | PROTECTOR, FAN COVER    | 1           |                |
| 6          | 19631Z6L000     | SHROUD, UPPER           | 1           |                |
| 7          | 19641Z6L000     | SHROUD, R. LOWER        | 1           |                |
| 8          | 19642Z6L000     | SHROUD, L. LOWER        | 1           |                |
| 9          | 84601HA7670     | NUT, FENDER SETTING     | 2           |                |
| 10         | 90005Z6L000     | SCREW, SPECIAL, 4X10    | 4           |                |
| 11         | 90380GM9740     | SCREW, SPECIAL, 6X15    | 2           |                |
| 12         | 9391325580      | SCREW, TAPPING, 5X20    | 2           |                |
| 13         | 957010601600    | BOLT, FLANGE, 6X16      | 3           |                |
| 14         | 957010602000    | BOLT, FLANGE, 6X20      | 8           |                |
| 19         | 957010602000    | BOLT, FLANGE, 6X20      | 2           |                |

## HONDA GX690RTAF — CARBURETOR ASSY.

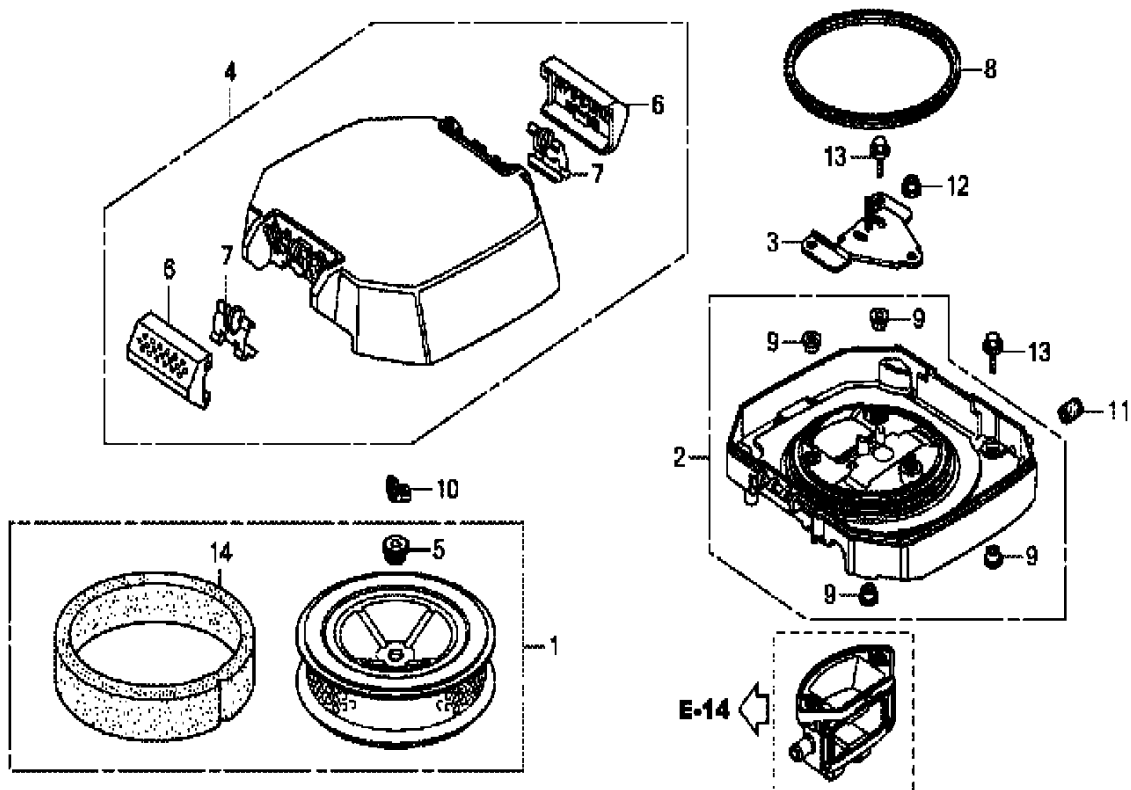


## HONDA GX690RTAF — CARBURETOR ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>           | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------|-------------|----------------|
| 1          | 15721Z6L000     | TUBE, BREATHER             | 1           |                |
| 2          | 16010Z6L003     | GASKET SET                 | 1           |                |
| 3          | 16013Z6L003     | FLOAT SET                  | 1           |                |
| 4          | 16015Z6L003     | CHAMBER SET, FLOAT         | 1           |                |
| 5          | 16016Z6L003     | SCREW SET                  | 2           |                |
| 6          | 16024124760     | SCREW SET, DRAIN           | 1           |                |
| 7          | 16100Z6L003     | CARBURETOR ASSY. (BK05A A) | 1           |                |
| 8          | 16124ZE0005     | SCREW, THROTTLE STOP       | 1           |                |
| 9          | 16126Z6L003     | ARM, THROTTLE LINKAGE      | 1           |                |
| 10         | 16148141881     | CAP, CHOKE DUST            | 1           |                |
| 11         | 16155Z6L003     | VALVE COMP., FLOAT         | 1           |                |
| 12         | 16166Z6L003     | NOZZLE, MAIN               | 2           |                |
| 13         | 16176Z2GD51     | SCREEN, FUEL STRAINER      | 1           |                |
| 14         | 16198Z6L000     | TUBE, DRAIN                | 1           |                |
| 15         | 16200Z6L003     | VALVE ASSY., SOLENOID      | 1           |                |
| 16         | 16211Z6L000     | INSULATOR, CARBURETOR      | 1           |                |
| 18         | 16221Z6L000     | PACKING, CARBURETOR        | 2           |                |
| 19         | 17228Z6L000     | PACKING, AIR CLEANER       | 1           |                |
| 20         | 17229Z6L000     | SEAL, AIR CLEANER CASE     | 1           |                |
| 21         | 17369KB4670     | CLIP, BREATHER TUBE        | 1           |                |
| 22         | 17410Z6L000     | ELBOW COMP., AIR CLEANER   | 1           |                |
| 23         | 90003Z6L000     | BOLT, FLANGE, 6X106        | 4           |                |
| 24         | 93500040121H    | SCREW, PAN, 4X12           | 4           |                |
| 25         | 9500202080      | CLIP, TUBE (B8)            | 1           |                |
| 26         | 99101ZH81050    | JET, MAIN, #105            | 1           |                |
| 26         | 99101ZH81100    | JET, MAIN, #110            | 1           |                |
| 26         | 99101ZH81180    | JET, MAIN, #118            | 1           |                |
| 27         | 99101ZH81050    | JET, MAIN, #105            | 1           |                |
| 27         | 99101ZH81100    | JET, MAIN, #110            | 1           |                |
| 27         | 99101ZH81180    | JET, MAIN, #118            | 1           |                |
| 28         | 99204ZE20450    | JET SET, PILOT, #45        | 2           |                |
| 29         | 16081Z6L003     | SCREW, FLOAT               | 1           |                |
| 30         | 16113Z6L003     | PLATE                      | 1           |                |
| 31         | 938920501018    | SCREW-WASHER, 5X10         | 1           |                |



## HONDA GX690RTAF — AIR CLEANER ASSY.

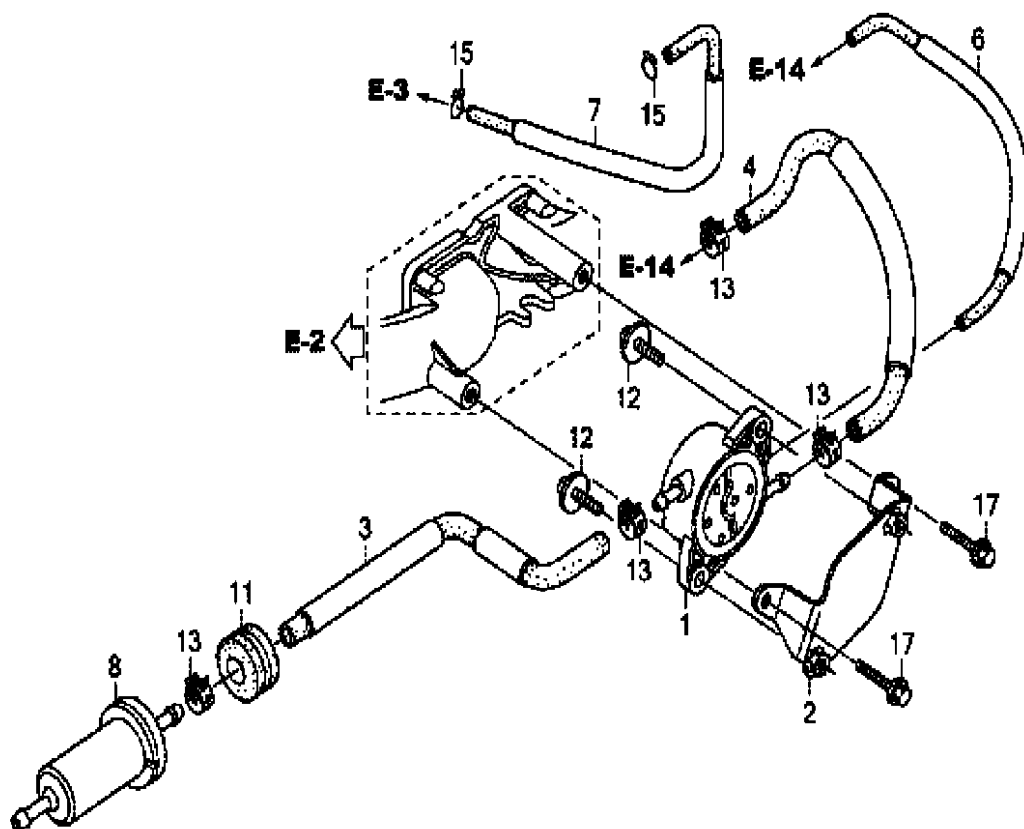


## HONDA GX690RTAF — AIR CLEANER ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|---------------------------------|-------------|----------------|
| 1          | 17210Z6L010     | ELEMENT COMP., AIR CLEANER      | 1           |                |
| 2          | 17220Z6L000     | CASE COMP., AIR CLEANER         | 1           |                |
| 3          | 17223Z6L000     | STAY COMP., AIR CLEANER ELEMENT | 1           |                |
| 4          | 17230Z6L000     | COVER COMP., AIR CLEANER        | 1           |                |
| 5          | 17232Z2E000     | GROMMET, AIR CLEANER            | 1           |                |
| 6          | 17235Z6L300     | KNOB, AIR CLEANER COVER         | 2           |                |
| 7          | 17236Z6L300     | SPRING, AIR CLEANER CASE COVER  | 2           |                |
| 8          | 17417Z6L000     | PACKING, AIR CLEANER CASE       | 1           |                |
| 9          | 19619Z0A300     | COLLAR, FAN COVER               | 4           |                |
| 10         | 90325044000     | NUT, TOOL BOX SETTING           | 1           |                |
| 11         | 90802Z6L000     | CAP, SEALING                    | 1           |                |
| 12         | 9405006000      | NUT, FLANGE, 6MM                | 1           |                |
| 13         | 957010601800    | BOLT, FLANGE, 6X18              | 4           |                |
| 14         | 17218Z6L000     | FILTER, OUTER                   | 1           |                |

## HONDA GX690RTAF — FUEL PUMP ASSY.

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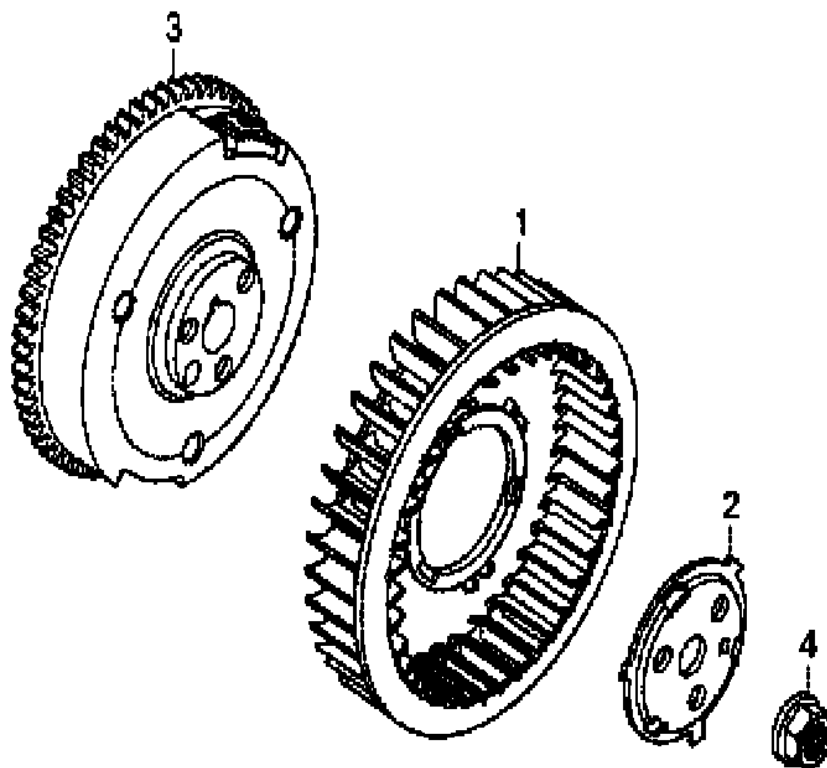
## HONDA GX690RTAF — FUEL PUMP ASSY.

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>     | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------|-------------|----------------|
| 1          | 16700Z6L003     | PUMP ASSY., FUEL     | 1           |                |
| 2          | 16711Z6L000     | STAY, FUEL PUMP      | 1           |                |
| 3          | 16850Z6L000     | TUBE COMP. A, FUEL   | 1           |                |
| 4          | 16860Z6L000     | TUBE COMP. B, FUEL   | 1           |                |
| 6          | 16870Z6L000     | TUBE, PURGE          | 1           |                |
| 7          | 16882Z6L000     | TUBE, DIAPHRAGM      | 1           |                |
| 8          | 16910Z6L003     | STRAINER COMP., FUEL | 1           |                |
| 11         | 80152958680     | RUBBER, RR. FENDER   | 1           |                |
| 12         | 938940601600    | SCREWWASHER, 6X16    | 2           |                |
| 13         | 950024100008    | CLAMP, TUBE (D10)    | 4           |                |
| 15         | 9500270000      | CLIP, TUBE (C11)     | 2           |                |
| 17         | 957010601400    | BOLT, FLANGE, 6X14   | 2           |                |

## HONDA GX690RTAF — FLYWHEEL ASSY.

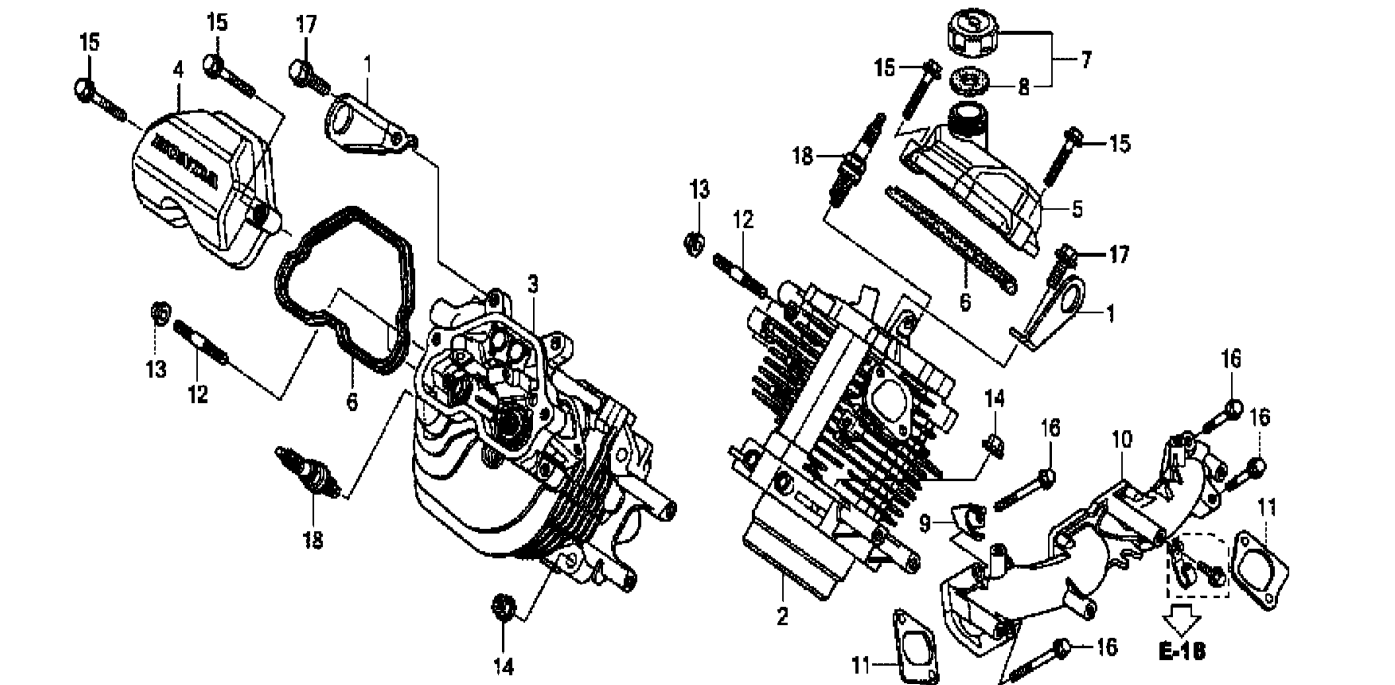
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## **HONDA GX690RTAF — FLYWHEEL ASSY.**

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>           | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------|-------------|----------------|
| 1          | 19511Z6L000     | FAN, COOLING               | 1           |                |
| 2          | 19513Z6L000     | PLATE, COOLING FAN SETTING | 1           |                |
| 3          | 31110Z6L003     | FLYWHEEL COMP.             | 1           |                |
| 4          | 90201Z6L000     | NUT, SPECIAL (20MM)        | 1           |                |



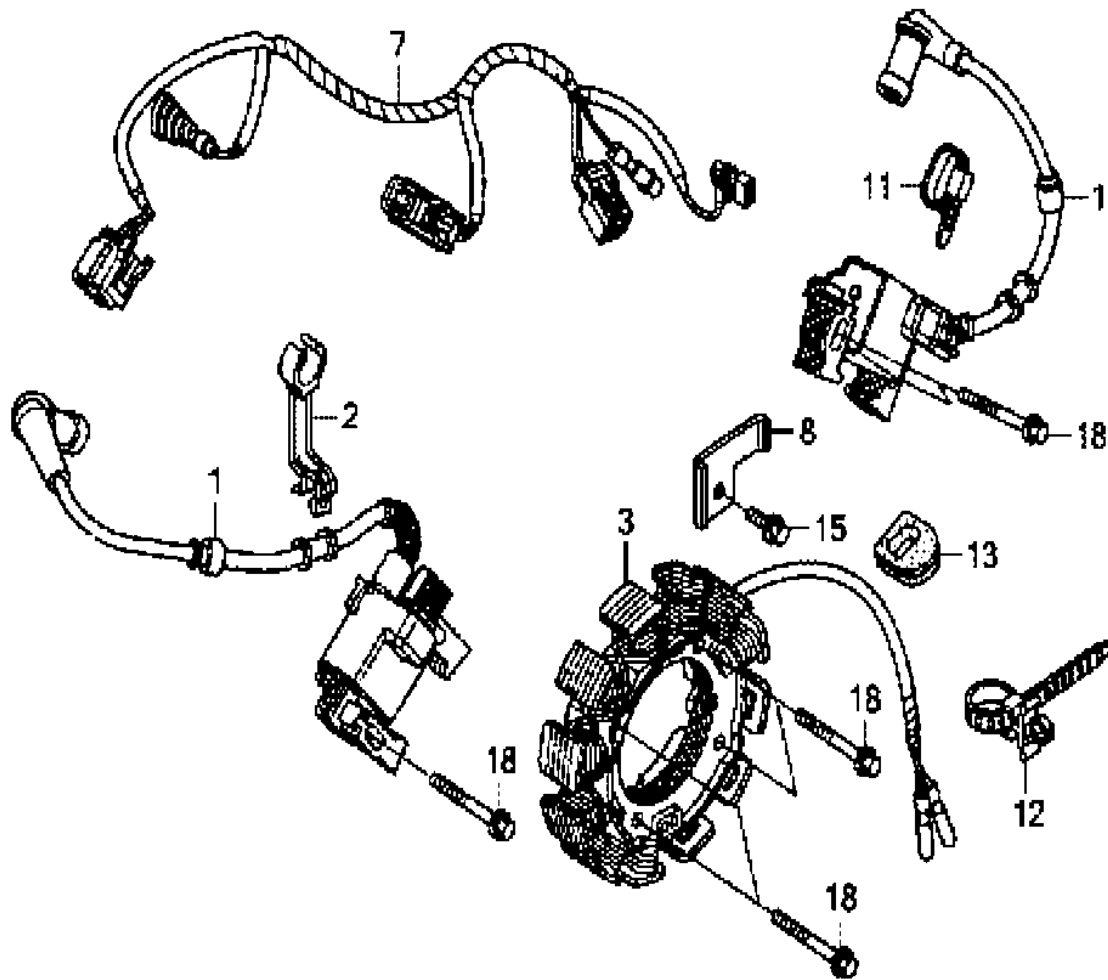
## HONDA GX690RTAF — CYLINDER HEAD ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>          | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|---------------------------|-------------|----------------|
| 1          | 11911Z6L000     | HANGER, ENGINE            | 2           |                |
| 2          | 12110Z6L000     | HEAD COMP., CYLINDER (#1) | 1           |                |
| 3          | 12120Z6L000     | HEAD COMP., CYLINDER (#2) | 1           |                |
| 4          | 12311Z6L000     | COVER, CYLINDER HEAD      | 1           |                |
| 5          | 12311Z6L800     | COVER, CYLINDER HEAD      | 1           |                |
| 6          | 12312Z6L000     | PACKING, HEAD COVER       | 2           |                |
| 7          | 15600Z6L000     | CAP ASSY., OIL FILLER     | 1           |                |
| 8          | 15625Z6L000     | PACKING, OIL FILLER CAP   | 1           |                |
| 9          | 16722Z6L000     | STAY, FUEL TUBE GROMMET   | 1           |                |
| 10         | 17101Z6L000     | MANIFOLD, INTAKE          | 1           |                |
| 11         | 17151Z6L000     | PACKING, INTAKE MANIFOLD  | 2           |                |
| 12         | 92900080220E    | BOLT, STUD, 8X22          | 4           |                |
| 13         | 9405008000      | NUT, FLANGE, 8MM          | 4           |                |
| 14         | 9405010000      | NUT, FLANGE, 10MM         | 8           |                |
| 15         | 957010603000    | BOLT, FLANGE, 6X30        | 4           |                |
| 16         | 957010605000    | BOLT, FLANGE, 6X50        | 4           |                |
| 17         | 957010801600    | BOLT, FLANGE, 8X16        | 2           |                |
| 18         | 980795587G      | PLUG, SPARK (ZFR5F)       | 2           |                |



## HONDA GX690RTAF — IGNITION COIL ASSY.

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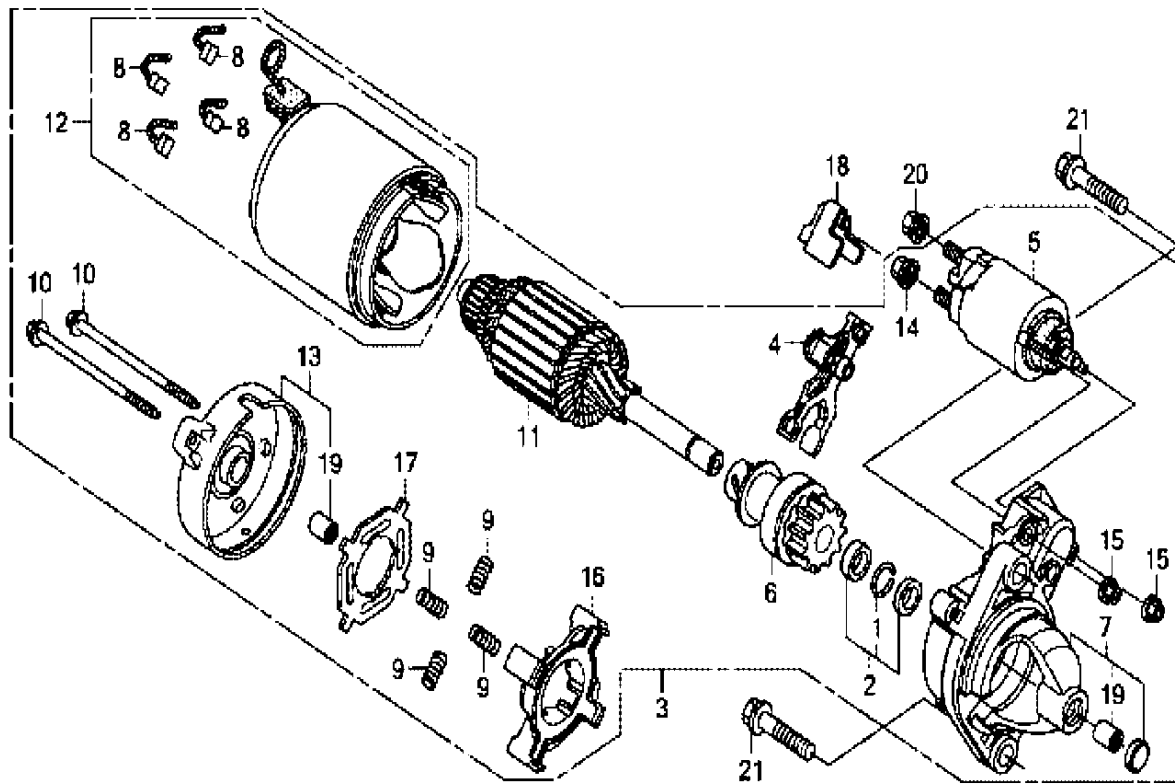


## HONDA GX690RTAF — IGNITION COIL ASSY.

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>           | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------|-------------|----------------|
| 1          | 30500Z6L003     | COIL ASSY., IGNITION       | 2           |                |
| 2          | 30551Z6L000     | CLAMP, HIGH TENSION CORD   | 1           |                |
| 3          | 31630Z6L003     | COIL ASSY., CHARGE (17A)   | 1           |                |
| 7          | 32110Z6L840     | HARNESS ASSY., ENGINE WIRE | 1           |                |
| 8          | 32114Z6L000     | BRACKET, HARNESS           | 1           |                |
| 11         | 90650KV6003     | BAND, WIRE, 95MM           | 1           |                |
| 13         | 91601Z6L000     | GROMMET, CORD              | 1           |                |
| 15         | 957010601200    | BOLT, FLANGE, 6X12         | 1           |                |
| 18         | 957010603200    | BOLT, FLANGE, 6X32         | 8           |                |

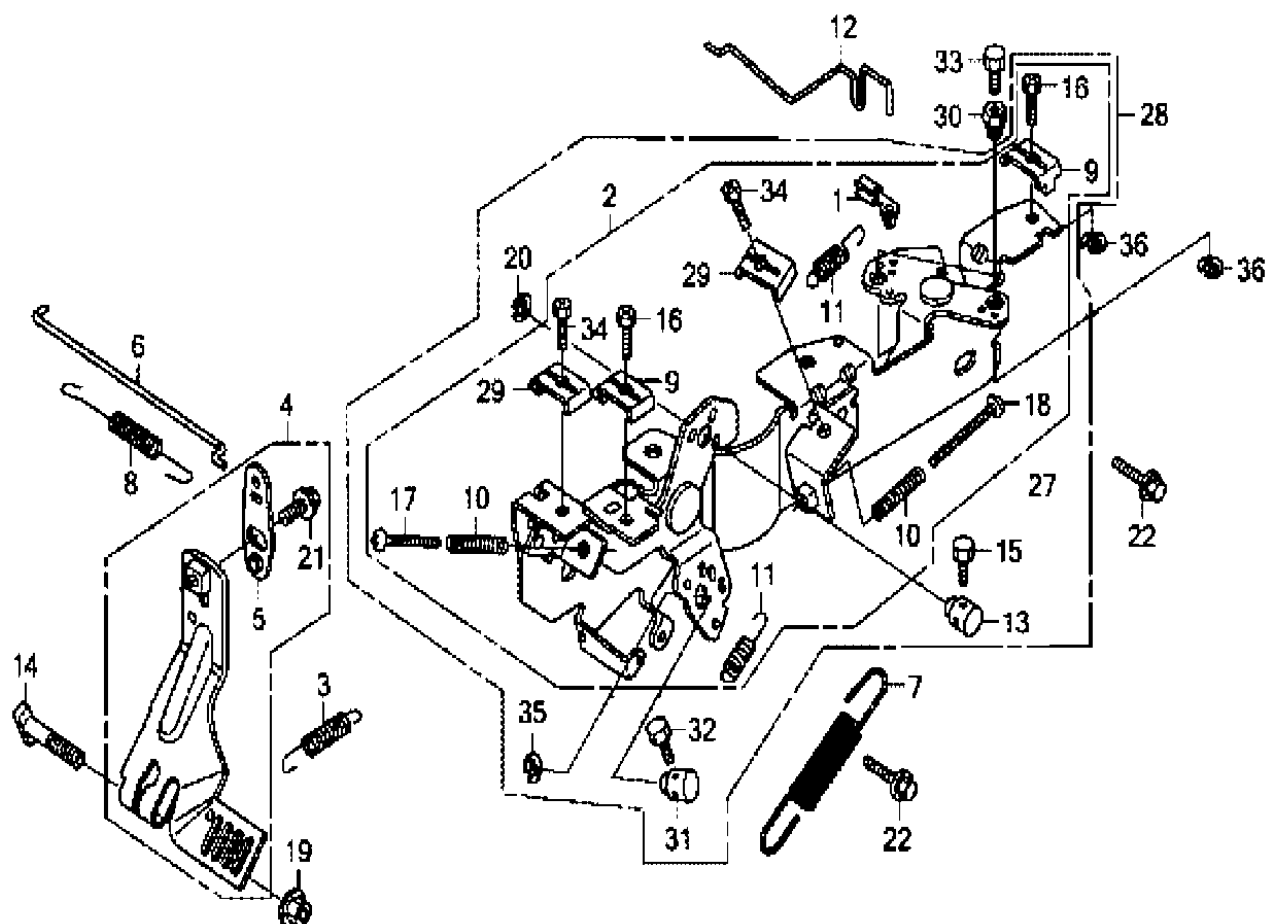
## HONDA GX690RTAF — STARTER MOTOR ASSY.



## HONDA GX690RTAF — STARTER MOTOR ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>            | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|-----------------------------|-------------|----------------|
| 1          | 30201PH9004     | RING, SNAP (DENSO)          | 1           |                |
| 2          | 30202PZ1003     | COLLAR SET, CLUTCH STOP     | 1           |                |
| 3          | 31200Z6L003     | MOTOR ASSY., STARTER        | 1           |                |
| 4          | 31203PH9004     | LEVER, PINION DRIVE         | 1           |                |
| 5          | 31204ZJ1H02     | SWITCH ASSY., MAGNET        | 1           |                |
| 6          | 31207ZE9H01     | CLUTCH COMP., OVERRUNNING   | 1           |                |
| 7          | 31208Z6L003     | HOUSING COMP., DRIVE SIDE   | 1           |                |
| 8          | 31211PH9004     | BRUSH                       | 4           |                |
| 9          | 31212PH9004     | SPRING, BRUSH               | 4           |                |
| 10         | 31214PH9004     | BOLT, THROUGH               | 2           |                |
| 11         | 31217Z0A003     | ARMATURE COMP.              | 1           |                |
| 12         | 31218P64N01     | YOKE COMP.                  | 1           |                |
| 13         | 31219Z6L003     | FRAME COMP., COMMUTATOR END | 1           |                |
| 14         | 31220PH9004     | NUT, HEX., 8MM              | 1           |                |
| 15         | 31223PA0006     | NUT, HEX.                   | 2           |                |
| 16         | 31231PH9004     | HOLDER, BRUSH               | 1           |                |
| 17         | 31233PH9004     | INSULATOR, BRUSH HOLDER     | 1           |                |
| 18         | 31234Z6L000     | COVER, TERMINAL             | 1           |                |
| 19         | 91002ZG4801     | BEARING A                   | 2           |                |
| 20         | 9407008080      | NUTWASHER, 8MM              | 1           |                |
| 21         | 957011004000    | BOLT, FLANGE, 10X40         | 2           |                |

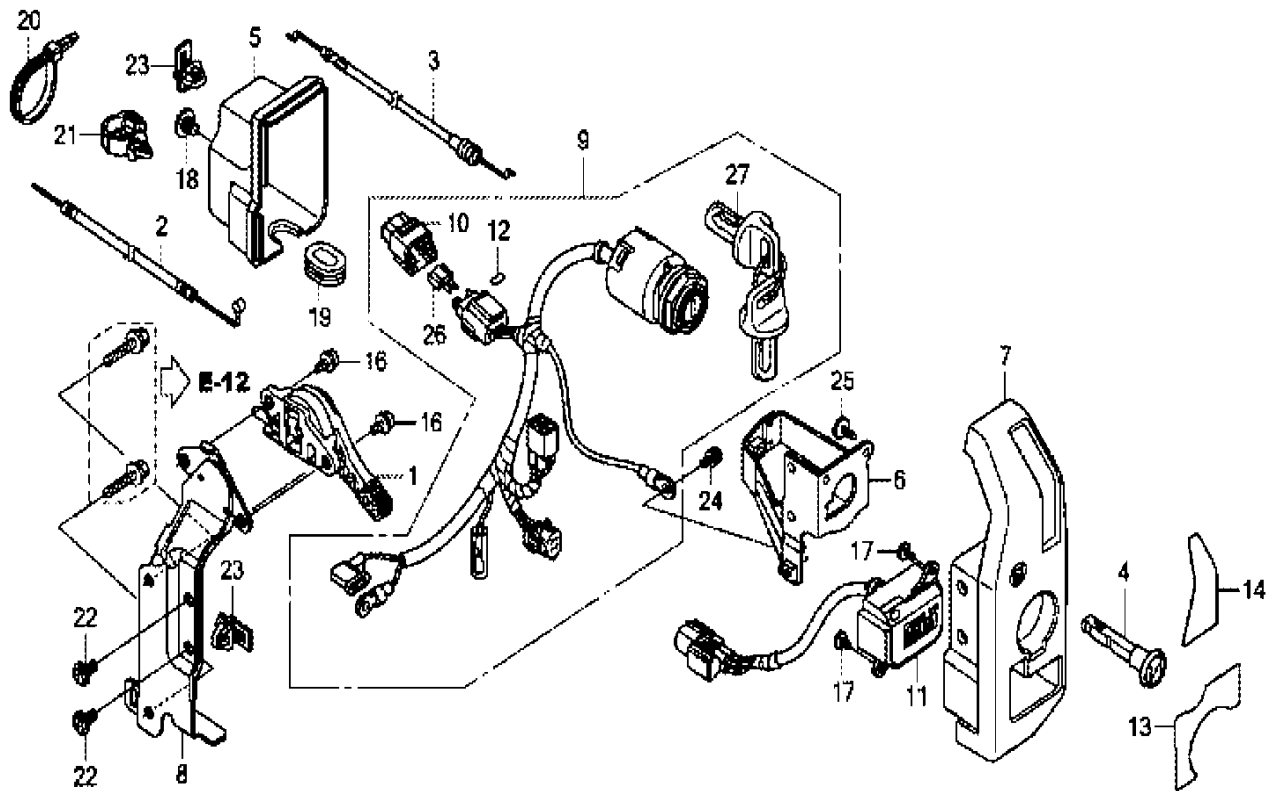
## HONDA GX690RTAF — CONTROL ASSY.



## HONDA GX690RTAF — CONTROL ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>          | <u>QTY.</u> | <u>REMARKS</u>        |
|------------|-----------------|---------------------------|-------------|-----------------------|
| 1          | 16263Z0G010     | JOINT, ROD                | 1           |                       |
| 2          | 16500Z6L000     | CONTROL ASSY.....         | 1           | S/N 1000441 AND BELOW |
| 2          | 16500Z6L010     | CONTROL ASSY.....         | 1           | S/N 1000442 AND ABOVE |
| 3          | 16534Z6L000     | SPRING, STARTER           | 1           |                       |
| 4          | 16550Z6L000     | ARM COMP., GOVERNOR       | 1           |                       |
| 5          | 16553Z6L000     | ARM, SUB                  | 1           |                       |
| 6          | 16555Z6L000     | ROD, GOVERNOR             | 1           |                       |
| 7          | 16561Z6L000     | SPRING, GOVERNOR          | 1           |                       |
| 8          | 16562Z6L000     | SPRING, THROTTLE RETURN   | 1           |                       |
| 9          | 16576891000     | HOLDER, CABLE             | 2           |                       |
| 10         | 16584883300     | SPRING, CONTROL ADJUSTING | 1           |                       |
| 10         | 16584883300     | SPRING, CONTROL ADJUSTING | 2           |                       |
| 11         | 16592ZJ1000     | SPRING, CABLE RETURN      | 2           |                       |
| 12         | 16611Z6L000     | ROD, CHOKE CONTROL        | 1           |                       |
| 13         | 16617Z6L000     | HOLDER, CABLE             | 1           |                       |
| 14         | 90015ZE3790     | BOLT, GOVERNOR ARM        | 1           |                       |
| 15         | 92301040060H    | BOLT, RECESSED, 4X6       | 1           |                       |
| 16         | 92301050160A    | BOLT, RECESSED, 5X16      | 2           |                       |
| 17         | 93500050300A    | SCREW, PAN, 5X30          | 1           |                       |
| 18         | 93500050450A    | SCREW, PAN, 5X45          | 1           |                       |
| 19         | 9405006000      | NUT, FLANGE, 6MM          | 1           |                       |
| 20         | 9454005018      | ERING, 5MM                | 1           |                       |
| 21         | 957010601000    | BOLT, FLANGE, 6X10        | 1           |                       |
| 22         | 957010601400    | BOLT, FLANGE, 6X14        | 2           |                       |
| 28         | 16500Z6L830     | CONTROL ASSY.....         | 1           | S/N 1001591 AND BELOW |
| 28         | 16500Z6L831     | CONTROL ASSY.....         | 1           | S/N 1001592 AND ABOVE |
| 29         | 16576891000     | HOLDER, CABLE             | 2           |                       |
| 31         | 16617Z6L000     | HOLDER, CABLE             | 1           |                       |
| 32         | 92301040060H    | BOLT, RECESSED, 4X6       | 1           |                       |
| 34         | 92301050160A    | BOLT, RECESSED, 5X16      | 2           |                       |
| 35         | 9454005018      | E-RING, 5MM               | 1           |                       |

## HONDA GX690RTAF — CONTROL BOX ASSY.

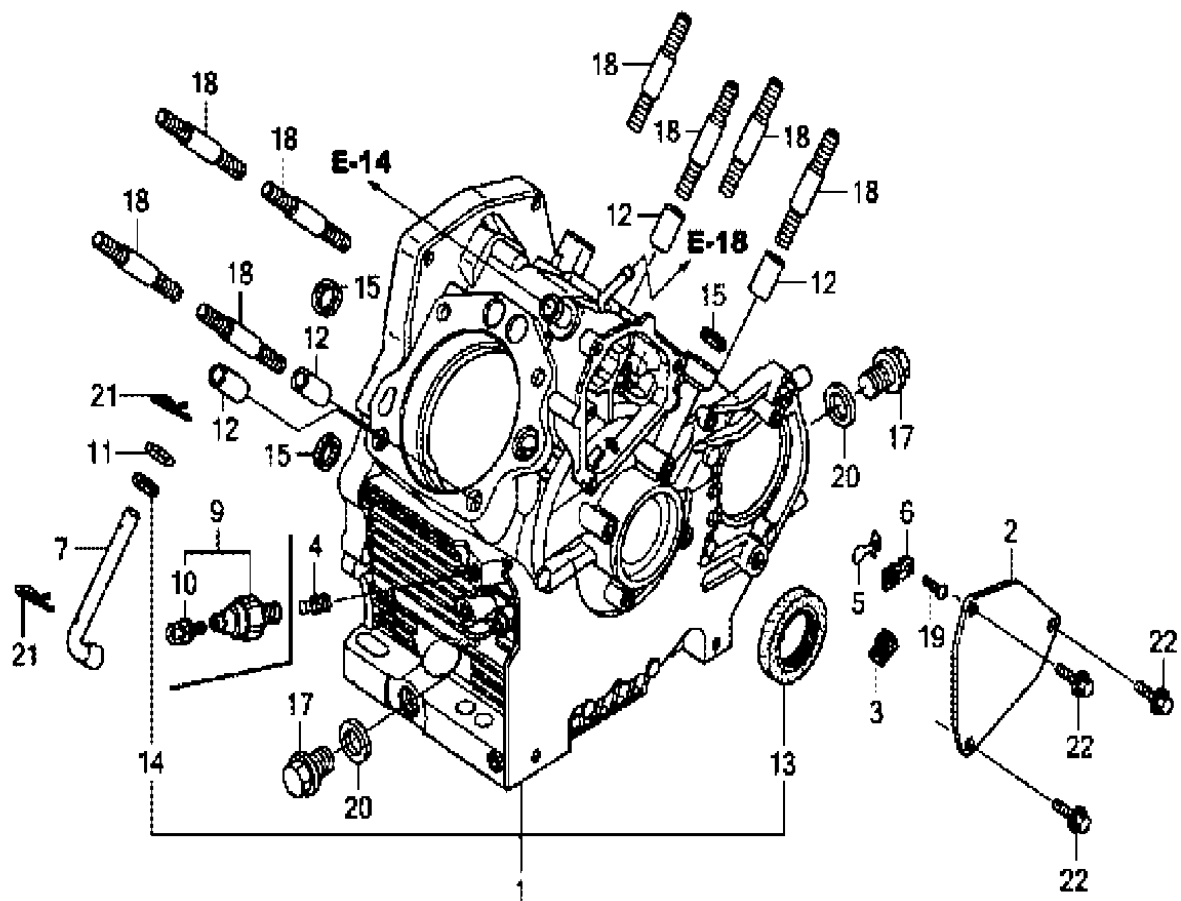


## HONDA GX690RTAF — CONTROL BOX ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>              | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|-------------------------------|-------------|----------------|
| 001        | 17850Z6L003     | LEVER ASSY., THROTTLE         | 1           |                |
| 002        | 17910Z6L000     | CABLE COMP., THROTTLE         | 1           |                |
| 003        | 17950Z6L000     | CABLE COMP., CHOKE            | 1           |                |
| 004        | 17951ZV1000     | KNOB, CHOKE                   | 1           |                |
| 005        | 31612Z6L000     | COVER, CONTROL                | 1           |                |
| 006        | 31614Z6L000     | BRACKET, SWITCH BOX           | 1           |                |
| 007        | 32346Z6L000     | PANEL, CONTROL                | 1           |                |
| 008        | 32347Z6L000     | BRACKET, CONTROL BOX          | 1           |                |
| 009        | 35100Z6L003     | SWITCH ASSY., COMBINATION     | 1           |                |
| 010        | 38216Z2E003     | COVER ASSY., FUSE             | 1           |                |
| 011        | 39700Z6L003     | METER ASSY., HOUR             | 1           |                |
| 012        | 87117Z2E800     | LABEL, FUSE (30A)             | 1           |                |
| 013        | 87501Z6L800     | MARK, ENGINE SWITCH           | 1           |                |
| 013        | 87501Z6L800     | MARK, ENGINE SWITCH           | 1           |                |
| 014        | 87502Z6L000     | MARK, THROTTLE SWITCH         | 1           |                |
| 016        | 90011Z0H811     | BOLT, SOCKET, 5X9             | 2           |                |
| 017        | 90101SP1003     | SCREW, TAPPING, 3X8           | 2           |                |
| 018        | 90380MB2000     | SCREW, SPECIAL, 6X8           | 1           |                |
| 019        | 90601Z6L000     | GROMMET, CONTROL BOX          | 1           |                |
| 020        | 90650KV6003     | BAND, WIRE, 95MM              | 1           |                |
| 021        | 90681763A01     | CLIP, WIRE HARNES             | 1           |                |
| 022        | 91508GN2000     | SCREW, PAN, 5X10.5            | 2           |                |
| 023        | 91565SEL003     | CLIP, COUPLER (BLACK)         | 2           |                |
| 024        | 938930500807    | SCREWWASHER, 5X8              | 1           |                |
| 025        | 9391325310      | SCREW, TAPPING, 5X14          | 1           |                |
| 026        | 9820043000      | FUSE, MINI (30A)              | 1           |                |
| 027        | 35110ZV5V50     | KEY ASSY., COMBINATION SWITCH | 2           |                |



## HONDA GX690RTAF — CRANKCASE ASSY.

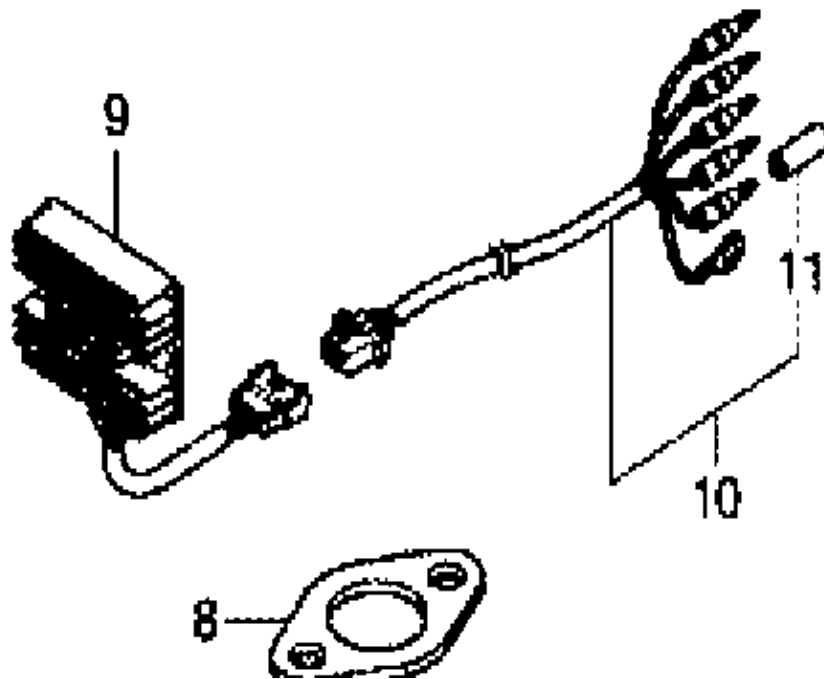


## HONDA GX690RTAF — CRANKCASE ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>         | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|--------------------------|-------------|----------------|
| 1          | 11100Z6L000     | CRANKCASE ASSY.          | 1           |                |
| 2          | 12356Z6L000     | COVER, BREATHER          | 1           |                |
| 3          | 12367Z6L000     | FILTER, BREATHER         | 1           |                |
| 5          | 15571ZM7003     | VALVE, OIL OUTLET        | 1           |                |
| 6          | 15572Z6L000     | PLATE, STOPPER           | 1           |                |
| 7          | 16541Z6L000     | SHAFT, GOVERNOR ARM      | 1           |                |
| 9          | 37240ZG5004     | SWITCH, OIL PRESSURE     | 1           |                |
| 10         | 90002ZG5004     | SCREWWASHER, 4X8         | 1           |                |
| 11         | 90404Z6L000     | WASHER, PLAIN (10MM)     | 1           |                |
| 12         | 90709Z6L000     | DOWEL PIN, 12X20         | 4           |                |
| 13         | 91201Z6L003     | OIL SEAL, 38X58X9        | 1           |                |
| 14         | 91203Z6L003     | OIL SEAL, 10X16X5        | 1           |                |
| 15         | 91308Z6L003     | PACKING, OIL PASS        | 3           |                |
| 17         | 9280020000      | BOLT, DRAIN PLUG, 20MM   | 2           |                |
| 18         | 92900100400B    | BOLT, STUD, 10X40        | 8           |                |
| 19         | 93500030080A    | SCREW, PAN, 3X8          | 1           |                |
| 20         | 9410920000      | WASHER, DRAIN PLUG, 20MM | 2           |                |
| 21         | 9425110000      | PIN, LOCK, 10MM          | 2           |                |
| 22         | 957010601400    | BOLT, FLANGE, 6X14       | 3           |                |

## HONDA GX690RTAF — REGULATOR/RECTIFIER ASSY.

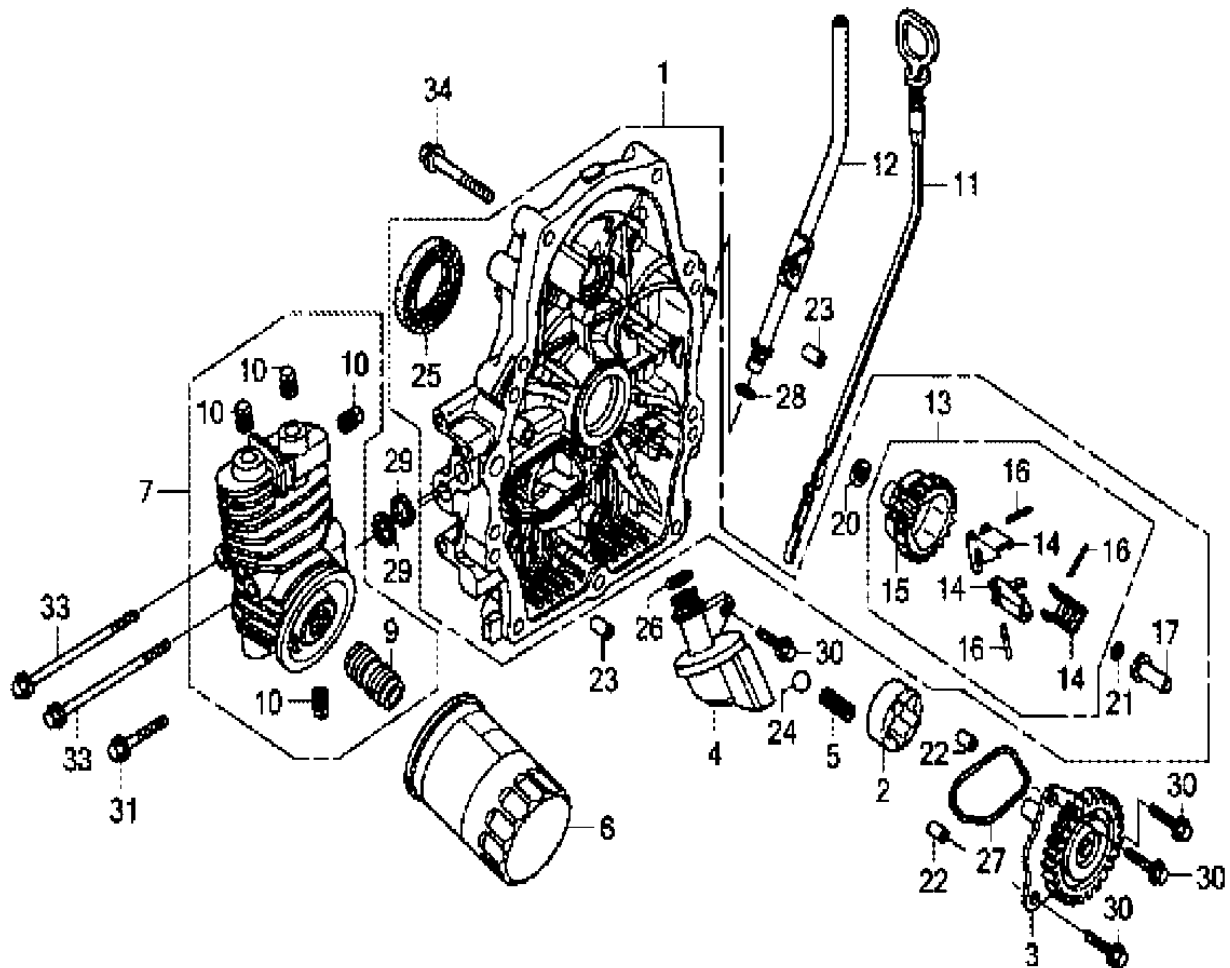
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## **HONDA GX690RTAF — REGULATOR/RECTIFIER ASSY.**

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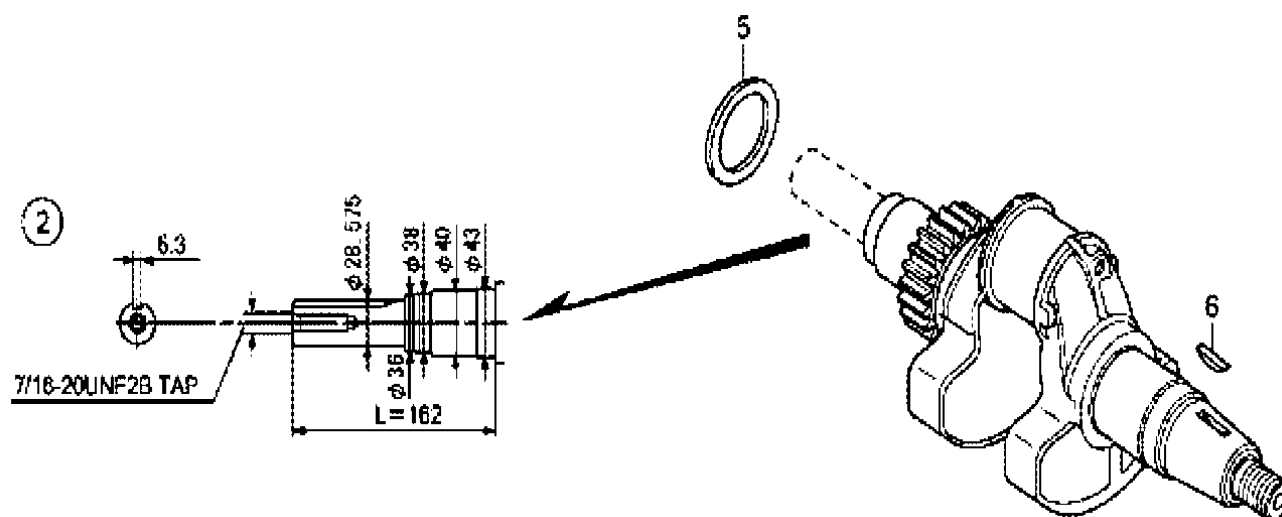
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                 | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------------|-------------|----------------|
| 8          | 18333ZE3800     | GASKET, EX. PIPE                 | 2           |                |
| 9          | 31750Z2E803     | RECTIFIER ASSY., REGULATOR (20A) | 1           |                |
| 10         | 32105Z6L000     | HARNESS ASSY., SUB WIRE          | 1           |                |
| 11         | 32824ZV5003     | PLUG, OUTER CONNECTOR            | 1           |                |



## HONDA GX690RTAF — CRANKCASE COVER ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>            | <u>QTY.</u> | <u>REMARKS</u>           |
|------------|-----------------|-----------------------------|-------------|--------------------------|
| 1          | 11300Z6L000     | COVER ASSY., CRANKCASE      | 1           |                          |
| 2          | 15133Z6L000     | ROTOR, OIL PUMP OUTER       | 1           |                          |
| 3          | 15140Z6L000     | GEAR COMP., OIL PUMP        | 1           |                          |
| 4          | 15220Z6L000     | STRAINER COMP., OIL         | 1           |                          |
| 5          | 15232Z6L000     | SPRING, RELIEF VALVE        | 1           |                          |
| 6          | 15400PLMA01PE   | CARTRIDGE, OIL FILTER ..... | 1.....      | REPLACES P/N 15400RTA004 |
| 7          | 15410Z6L000     | BASE COMP., OIL FILTER      | 1           |                          |
| 9          | 15423Z6L000     | HOLDER, OIL FILTER          | 1           |                          |
| 10         | 15424Z6L000     | BOLT, SEALING               | 4           |                          |
| 11         | 15655Z6L000     | GAUGE COMP., OIL LEVEL      | 1           |                          |
| 12         | 15665Z6L000     | PIPE COMP., OIL LEVEL       | 1           |                          |
| 13         | 16510Z6L000     | GOVERNOR ASSY.              | 1           |                          |
| 14         | 16511Z6L300     | WEIGHT, GOVERNOR            | 3           |                          |
| 15         | 16512Z6L300     | HOLDER, GOVERNOR WEIGHT     | 1           |                          |
| 16         | 16513Z6L000     | PIN, GOVERNOR WEIGHT        | 3           |                          |
| 17         | 16531Z6L000     | SLIDER, GOVERNOR            | 1           |                          |
| 20         | 90403Z6L000     | WASHER, 6X16                | 1           |                          |
| 21         | 90602ZE1000     | CLIP, GOVERNOR HOLDER       | 1           |                          |
| 22         | 90707Z6L000     | DOWEL PIN, 8X10             | 2           |                          |
| 23         | 90708Z6L000     | DOWEL PIN, 8X14             | 2           |                          |
| 24         | 90902Z6L000     | BALL, STEEL, #15 (15/32)    | 1           |                          |
| 25         | 91202Z6L003     | OIL SEAL, 38X58X9           | 1           |                          |
| 26         | 91301Z6L003     | ORING, 14.8X2.4             | 1           |                          |
| 27         | 91302Z6L003     | ORING, OIL PUMP             | 1           |                          |
| 28         | 91308PH9000     | ORING, 8.8X1.9              | 1           |                          |
| 29         | 91308Z6L003     | PACKING, OIL PASS           | 2           |                          |
| 30         | 957010602000    | BOLT, FLANGE, 6X20          | 4           |                          |
| 31         | 957010602800    | BOLT, FLANGE, 6X28          | 1           |                          |
| 33         | 957010609000    | BOLT, FLANGE, 6X90          | 2           |                          |
| 34         | 957010804500    | BOLT, FLANGE, 8X45          | 9           |                          |

## HONDA GX690RTAF — CRANKSHAFT ASSY.



## **HONDA GX690RTAF — CRANKSHAFT ASSY.**

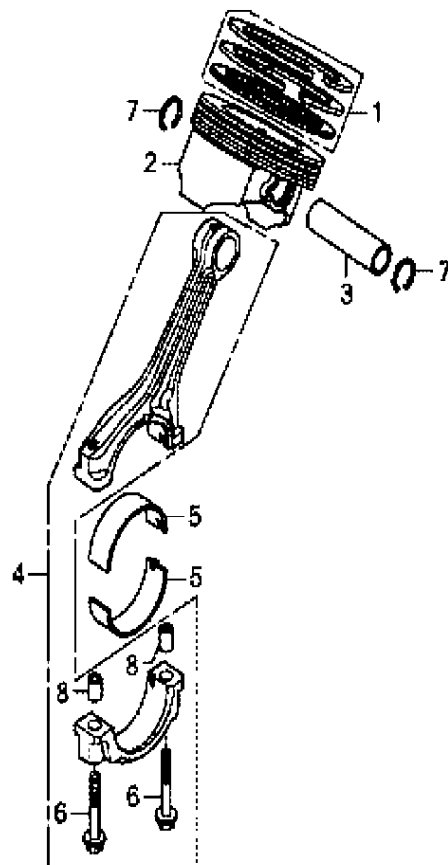
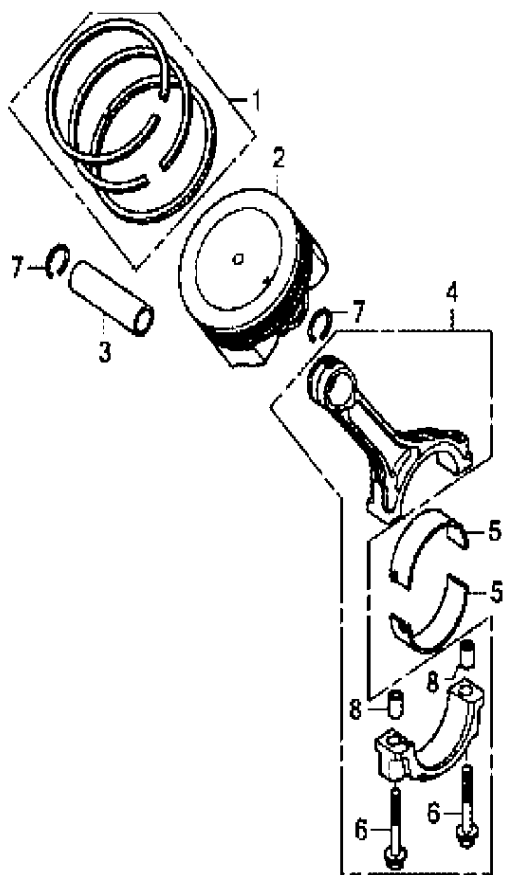
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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>             | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|------------------------------|-------------|----------------|
| 2          | 13310Z6L600     | CRANKSHAFT COMP. (L=162)     | 1           |                |
| 5          | 90402Z6L000     | WASHER, CRANKSHAFT THRUST    | 1           |                |
| 6          | 90741ZE2000     | KEY, SPECIAL WOODRUFF, 25X18 | 1           |                |



## HONDA GX690RTAF — PISTON ASSY.

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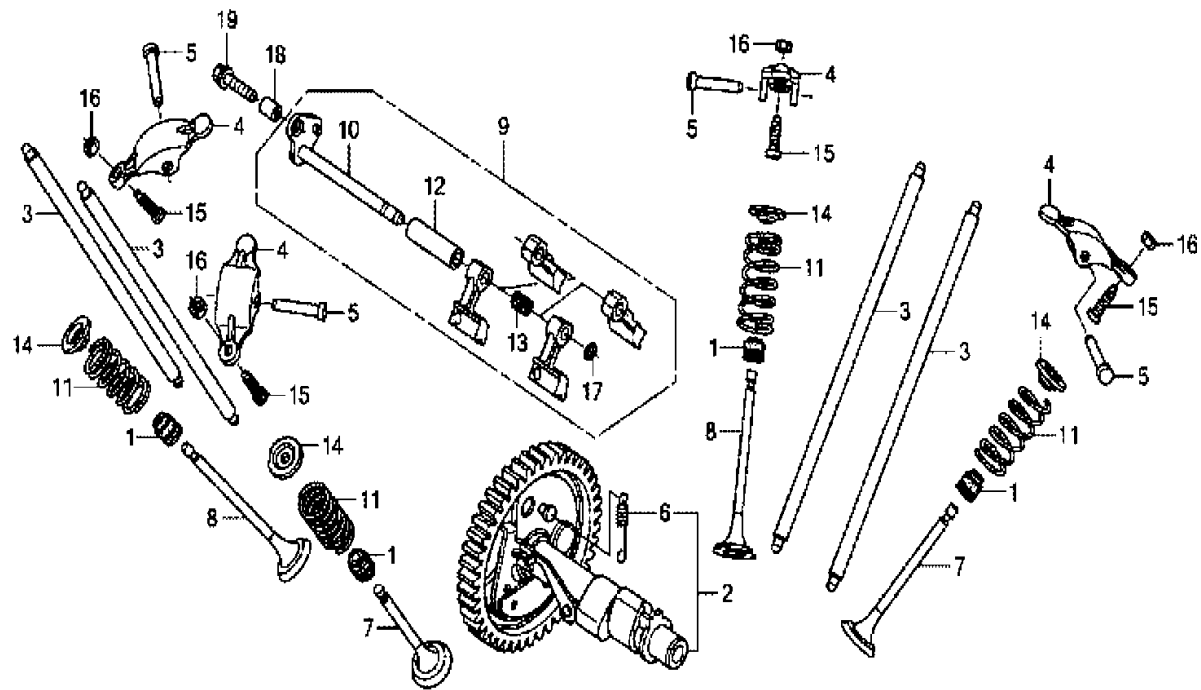


## HONDA GX690RTAF — PISTON ASSY.

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>           | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------|-------------|----------------|
| 001        | 13010Z6L003     | RING SET, PISTON (STD.)    | 2           |                |
| 002        | 13101Z6L000     | PISTON                     | 2           |                |
| 003        | 13111Z6L000     | PIN, PISTON                | 2           |                |
| 004        | 13210Z6L000     | ROD ASSY., CONNECTING      | 2           |                |
| 005        | 13211Z6L003     | BEARING A, CONNECTING ROD  | 4           |                |
| 006        | 90001Z6L000     | BOLT, CONNECTING ROD, 7X38 | 4           |                |
| 007        | 90551ZE1000     | CLIP, PISTON PIN, 18MM     | 4           |                |
| 008        | 90705Z6L000     | DOWEL PIN, 9X10            | 4           |                |

## HONDA GX690RTAF — CAMSHAFT ASSY.

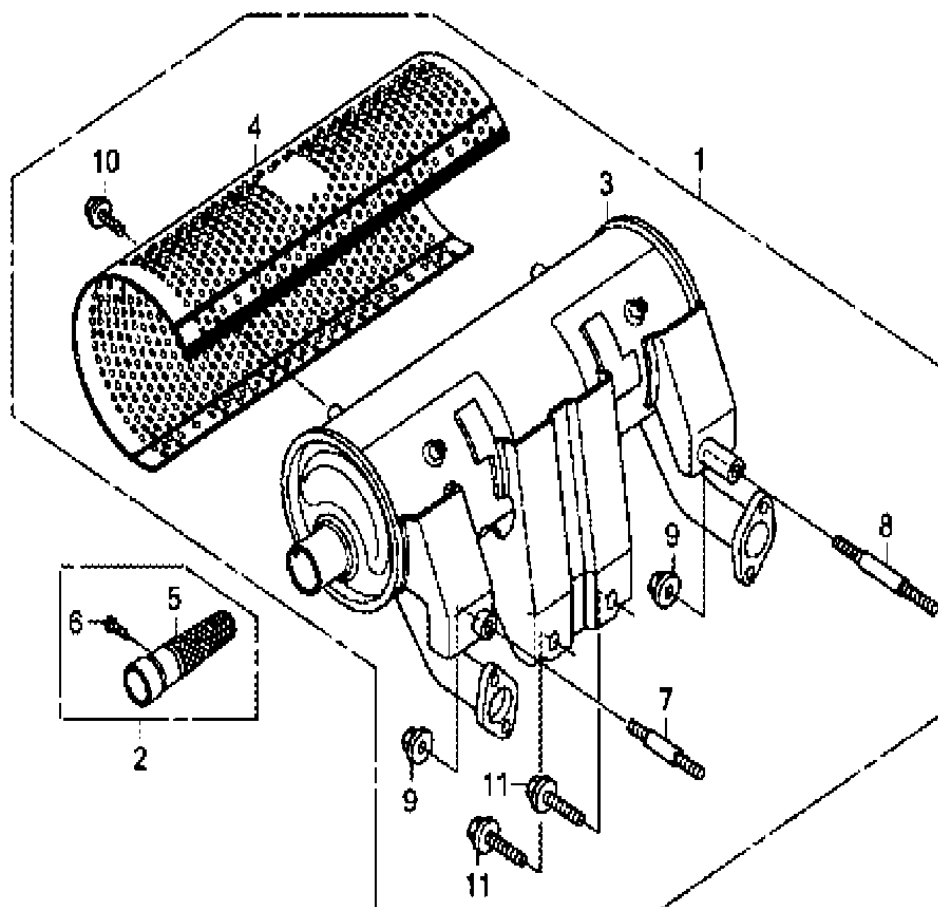


## HONDA GX690RTAF — CAMSHAFT ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>           | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------|-------------|----------------|
| 1          | 12208Z6L003     | SEAL, VALVE STEM           | 4           |                |
| 2          | 14100Z6L000     | CAMSHAFT ASSY.             | 1           |                |
| 3          | 14410Z6L000     | ROD COMP., PUSH            | 4           |                |
| 4          | 14431Z6L000     | ARM, VALVE ROCKER          | 4           |                |
| 5          | 14461Z6L000     | SHAFT, ROCKER ARM          | 4           |                |
| 6          | 14568Z6L000     | SPRING, WEIGHT RETURN      | 1           |                |
| 7          | 14711Z6L000     | VALVE, IN.                 | 2           |                |
| 8          | 14721Z6L000     | VALVE, EX.                 | 2           |                |
| 9          | 14730Z6L000     | LIFTER ASSY., VALVE        | 1           |                |
| 10         | 14735Z6L000     | SHAFT COMP., VALVE LIFTER  | 1           |                |
| 11         | 14751Z6L000     | SPRING, VALVE              | 4           |                |
| 12         | 14763Z6L000     | COLLAR, VALVE LIFTER       | 1           |                |
| 13         | 14764Z6L000     | SPRING, VALVE LIFTER       | 1           |                |
| 14         | 14771ZE1000     | RETAINER, IN. VALVE SPRING | 4           |                |
| 15         | 90012Z6L000     | SCREW, TAPPET ADJUSTING    | 4           |                |
| 16         | 90206Z6L000     | NUT, TAPPET ADJUSTING      | 4           |                |
| 17         | 90602ZE1000     | CLIP, GOVERNOR HOLDER      | 1           |                |
| 18         | 90707Z6L000     | DOWEL PIN, 8X10            | 1           |                |
| 19         | 957010602200    | BOLT, FLANGE, 6X22         | 1           |                |

## HONDA GX690RTAF — MUFFLER ASSY.

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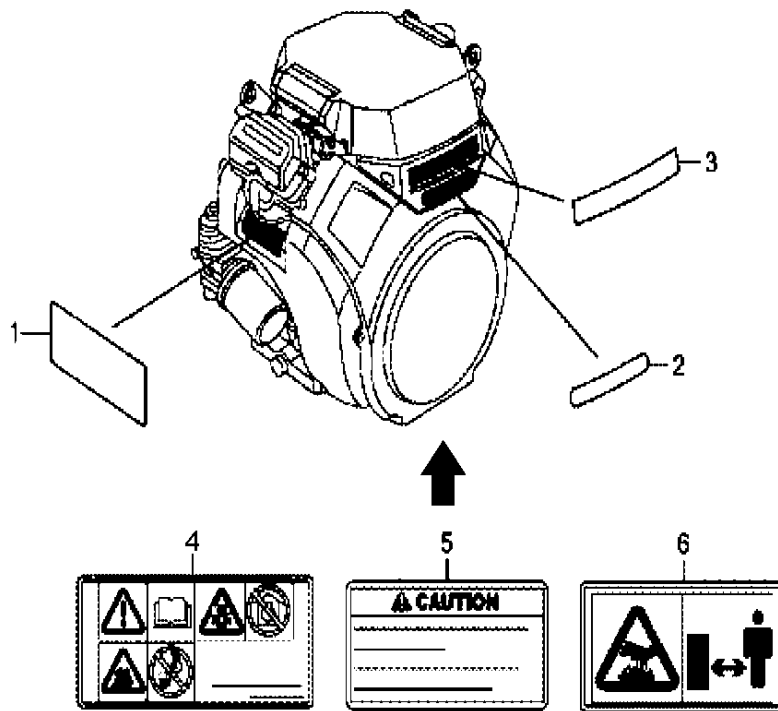


## HONDA GX690RTAF — MUFFLER ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>          | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|---------------------------|-------------|----------------|
| 1          | 22610           | MUFFLER KIT (HIGH-R)      | 1           |                |
| 2          | 06185Z6L000     | ARRESTER KIT (HIGH)       | 1           |                |
| 3          | 18310Z6L003     | MUFFLER COMP. (HIGH-R)    | 1           |                |
| 4          | 18321ZJ1010     | PROTECTOR, MUFFLER (HIGH) | 1           |                |
| 5          | 18355ZJ1000     | ARRESTER, SPARK           | 1           |                |
| 6          | 93901250J0      | SCREW, TAPPING, 5X8       | 1           |                |
| 7          | 92900080450B    | BOLT, STUD, 8X45          | 1           |                |
| 8          | 92900080600B    | BOLT, STUD, 8X60          | 1           |                |
| 9          | 9405008000      | NUT, FLANGE, 8MM          | 2           |                |
| 10         | 957010600800    | BOLT, FLANGE, 6X8         | 6           |                |
| 11         | 957010802000    | BOLT, FLANGE, 8X20        | 2           |                |

## HONDA GX690RTAF — LABELS ASSY.

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## HONDA GX690RTAF — LABELS ASSY.

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                 | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------------|-------------|----------------|
| 1          | 87516ZH7010     | MARK, OPERATOR CAUTION (ENGLISH) | 1           |                |
| 2          | 87521Z6L000     | EMBLEM (GX690)                   | 1           |                |
| 3          | 87531Z6L000     | MARK, HONDA                      | 1           |                |
| 4          | 87519ZH7000     | MARK, OPER. CAUTION (PICTOGRAPH) | 1           |                |
| 5          | 87539Z0J000     | MARK, EX. CAUTION (ENGLISH)      | 1           |                |
| 6          | 87539Z0J800     | MARK, EX. CAUTION (PICTOGRAPH)   | 1           |                |



# TERMS AND CONDITIONS OF SALE — PARTS

## PAYMENT TERMS

Terms of payment for parts are net 30 days.

## FREIGHT POLICY

All parts orders will be shipped collect or prepaid with the charges added to the invoice. All shipments are F.O.B. point of origin. Multiquip's responsibility ceases when a signed manifest has been obtained from the carrier, and any claim for shortage or damage must be settled between the consignee and the carrier.

## MINIMUM ORDER

The minimum charge for orders from Multiquip is \$15.00 net. Customers will be asked for instructions regarding handling of orders not meeting this requirement.

## RETURNED GOODS POLICY

Return shipments will be accepted and credit will be allowed, subject to the following provisions:

1. A Returned Material Authorization must be approved by Multiquip prior to shipment.
2. To obtain a Return Material Authorization, a list must be provided to Multiquip Parts Sales that defines item numbers, quantities, and descriptions of the items to be returned.
  - a. The parts numbers and descriptions must match the current parts price list.
  - b. The list must be typed or computer generated.
  - c. The list must state the reason(s) for the return.
  - d. The list must reference the sales order(s) or invoice(s) under which the items were originally purchased.
  - e. The list must include the name and phone number of the person requesting the RMA.
3. A copy of the Return Material Authorization must accompany the return shipment.
4. Freight is at the sender's expense. All parts must be returned freight prepaid to Multiquip's designated receiving point.

5. Parts must be in new and resalable condition, in the original Multiquip package (if any), and with Multiquip part numbers clearly marked.
6. The following items are not returnable:
  - a. Obsolete parts. (If an item is in the price book and shows as being replaced by another item, it is obsolete.)
  - b. Any parts with a limited shelf life (such as gaskets, seals, "O" rings, and other rubber parts) that were purchased more than six months prior to the return date.
  - c. Any line item with an extended dealer net price of less than \$5.00.
  - d. Special order items.
  - e. Electrical components.
  - f. Paint, chemicals, and lubricants.
  - g. Decals and paper products.
  - h. Items purchased in kits.
7. The sender will be notified of any material received that is not acceptable.
8. Such material will be held for five working days from notification, pending instructions. If a reply is not received within five days, the material will be returned to the sender at his expense.
9. Credit on returned parts will be issued at dealer net price at time of the original purchase, less a 15% restocking charge.
10. In cases where an item is accepted, for which the original purchase document can not be determined, the price will be based on the list price that was effective twelve months prior to the RMA date.
11. Credit issued will be applied to future purchases only.

## PRICING AND REBATES

Prices are subject to change without prior notice. Price changes are effective on a specific date and all orders received on or after that date will be billed at the revised price. Rebates for price declines and added charges for price increases will not be made for stock on hand at the time of any price change.

Multiquip reserves the right to quote and sell direct to Government agencies, and to Original Equipment Manufacturer accounts who use our products as integral parts of their own products.

## SPECIAL EXPEDITING SERVICE

A \$35.00 surcharge will be added to the invoice for special handling including bus shipments, insured parcel post or in cases where Multiquip must personally deliver the parts to the carrier.

## LIMITATIONS OF SELLER'S LIABILITY

Multiquip shall not be liable hereunder for damages in excess of the purchase price of the item with respect to which damages are claimed, and in no event shall Multiquip be liable for loss of profit or good will or for any other special, consequential or incidental damages.

## LIMITATION OF WARRANTIES

No warranties, express or implied, are made in connection with the sale of parts or trade accessories nor as to any engine not manufactured by Multiquip. Such warranties made in connection with the sale of new, complete units are made exclusively by a statement of warranty packaged with such units, and Multiquip neither assumes nor authorizes any person to assume for it any other obligation or liability whatever in connection with the sale of its products. Apart from such written statement of warranty, there are no warranties, express, implied or statutory, which extend beyond the description of the products on the face hereof.

Effective: February 22, 2006

[illegible]

# PARTS MANUAL

## HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL  
NUMBER ON-HAND WHEN CALLING

### UNITED STATES

#### ***Multiquip Corporate Office***

18910 Wilmington Ave.  
Carson, CA 90746  
Contact: mq@multiquip.com

Tel. (800) 421-1244  
Fax (800) 537-3927

#### ***Service Department***

800-421-1244  
310-537-3700

Fax: 310-537-4259

#### ***Technical Assistance***

800-478-1244

Fax: 310-943-2238

#### ***MQ Parts Department***

800-427-1244  
310-537-3700

Fax: 800-672-7877  
Fax: 310-637-3284

#### ***Warranty Department***

800-421-1244  
310-537-3700

Fax: 310-943-2249

### MEXICO

#### ***MQ Cipsa***

Carr. Fed. Mexico-Puebla KM 126.5  
Momoxpan, Cholula, Puebla 72760 Mexico  
Contact: pmastretta@cipsa.com.mx

Tel: (52) 222-225-9900  
Fax: (52) 222-285-0420

### CANADA

#### ***Multiquip***

4110 Industriel Boul.  
Laval, Quebec, Canada H7L 6V3  
Contact: jmartin@multiquip.com

Tel: (450) 625-2244  
Tel: (877) 963-4411  
Fax: (450) 625-8664

### UNITED KINGDOM

#### ***Multiquip (UK) Limited Head Office***

Unit 2, Northpoint Industrial Estate,  
Globe Lane,  
Dukinfield, Cheshire SK16 4UJ  
Contact: sales@multiquip.co.uk

Tel: 0161 339 2223  
Fax: 0161 339 3226

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This manual MUST accompany the equipment at all times. This manual is considered a permanent part of the equipment and should remain with the unit if resold.

The information and specifications included in this publication were in effect at the time of approval for printing. Illustrations, descriptions, references and technical data contained in this manual are for guidance only and may not be considered as binding. Multiquip Inc. reserves the right to discontinue or change specifications, design or the information published in this publication at any time without notice and without incurring any obligations.

Your Local Dealer is:

