

# PARTS MANUAL



## **MODEL WTB-16 POWER BUGGY (GX690 ELECTRIC START GASOLINE ENGINE)**

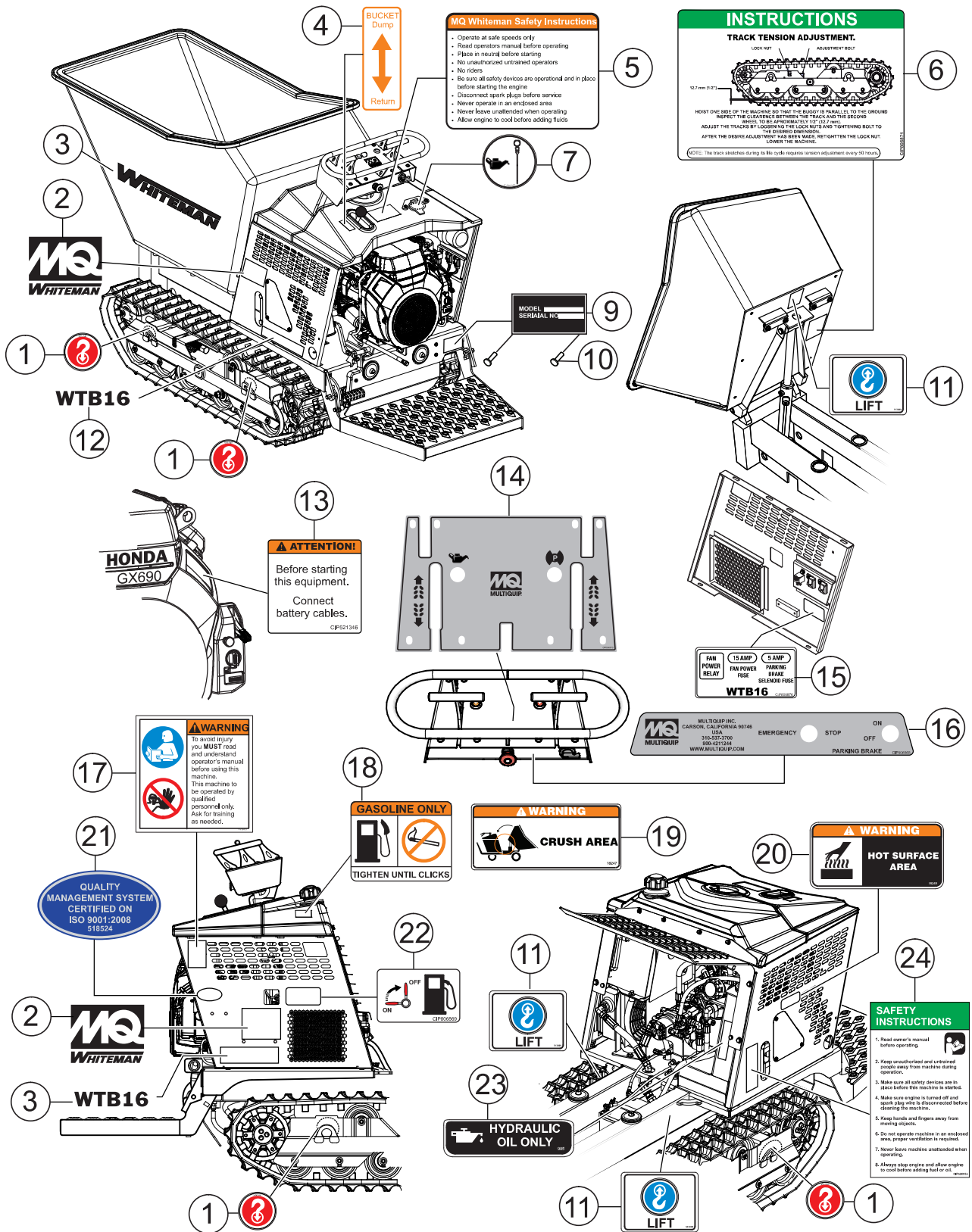
Revision #3 (09/10/19)

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**THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.**

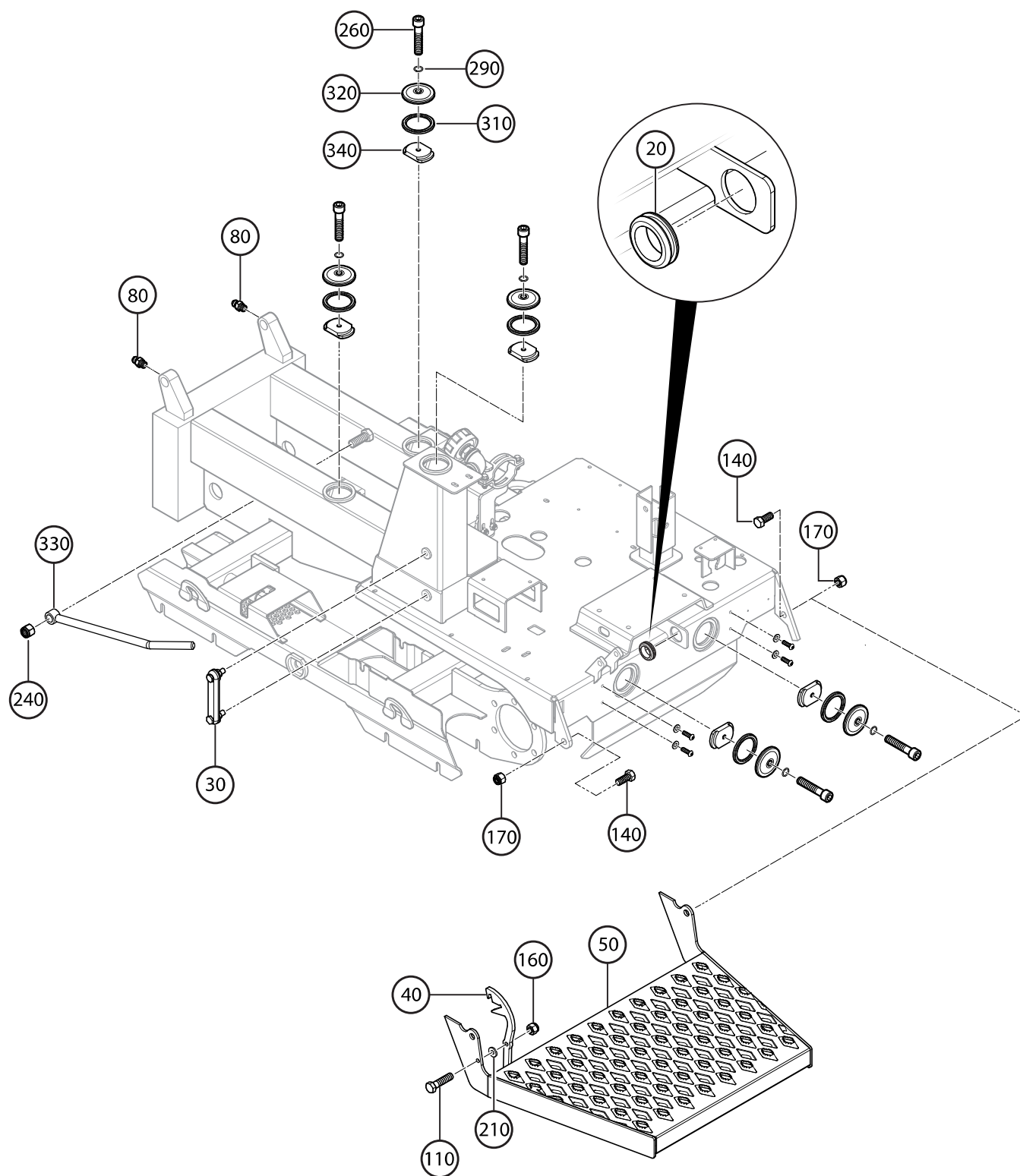
# NAMEPLATE AND DECALS ASSY.



## NAMEPLATE AND DECALS ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                          | <u>QTY.</u> | <u>REMARKS</u>              |
|------------|-----------------|-------------------------------------------|-------------|-----------------------------|
| 1          | 513393          | DECAL, TIE-DOWN POINT                     | 4           |                             |
| 2          | 18252           | DECAL, MQ WHITEMAN                        | 2           |                             |
| 3          |                 | DECAL, WHITEMAN LOGO .....                | 1           | MOLDED INTO TUB             |
| 4          |                 | DECAL, BUCKET DUMP LEVER .....            | 1           | MOLDED INTO FUEL TANK COVER |
| 5          |                 | DECAL, WHITEMAN SAFETY INSTRUCTIONS ..... | 1           | MOLDED INTO FUEL TANK COVER |
| 6          | 806871          | DECAL, INSTRUCTIONS, TRACK TENSION .....  | 1           |                             |
| 7          | 807137          | DECAL, DECAL, OIL LEVEL                   | 1           |                             |
| 9          |                 | PLATE, SERIAL NUMBER .....                | 1           | CONTACT MQ PARTS DEPT.      |
| 10         | 491757          | RIVET, I.D. PLATE                         | 2           |                             |
| 11         | 513608          | DECAL, LIFTING HOOK                       | 3           |                             |
| 12         | 806874          | DECAL, WTB16                              | 2           |                             |
| 13         | 521346          | DECAL, WARNING CONNECT BATT. CABLES       | 1           |                             |
| 14         | 806875          | DECAL, OVERLAY, STEERING                  | 1           |                             |
| 15         | 806876          | DECAL, REALAY, FUSES                      | 1           |                             |
| 16         | 806868          | DECAL, OVERLAY, EMERG. STP./PARK BRAKE    | 1           |                             |
| 17         | 35137           | DECAL, READ MANUAL, ASK FOR TRAINING      | 1           |                             |
| 18         |                 | DECAL, GASOLINE ONLY .....                | 1           | MOLDED INTO FUEL TANK COVER |
| 19         | 18247           | DECAL, CRUSH WARNING                      | 1           |                             |
| 20         | 18248           | DECAL, HOT SURFACE WARNING                | 1           |                             |
| 21         | 518524          | DECAL, ISO 9001:2008                      | 1           |                             |
| 22         | 806869          | DECAL, FUEL VALVE LEVER, ON/OFF           | 1           |                             |
| 23         | EM985           | DECAL, HYDRAULIC OIL                      | 1           |                             |
| 24         | 520935          | DECAL, SAFETY INSTRUCTIONS                | 1           |                             |

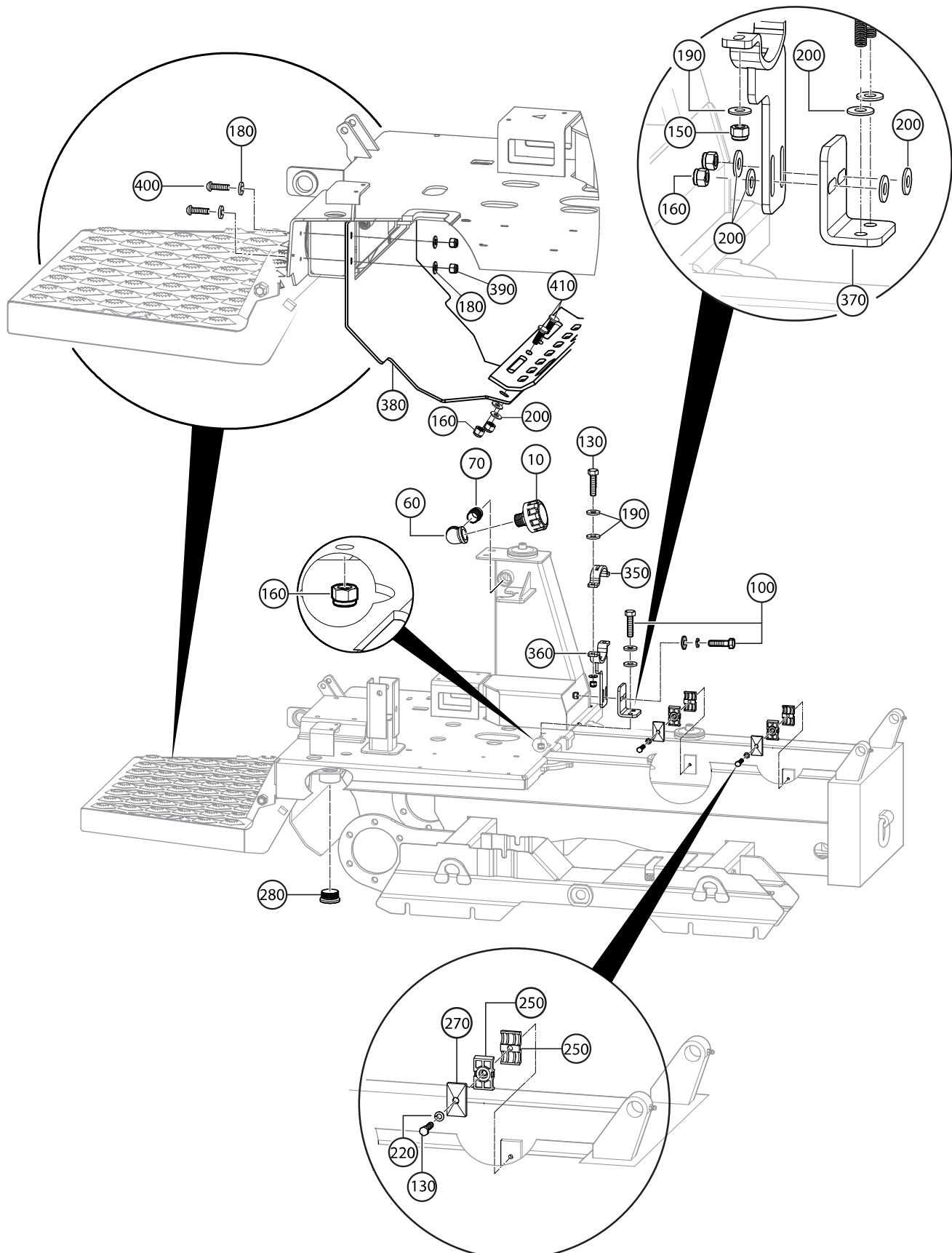
## PLATFORM ASSY.



## PLATFORM ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                 | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|----------------------------------|-------------|---------------------|
| 20         | 13212           | GROMMET, 1-1/4" ID               | 1           |                     |
| 30         | 18052           | SIGHT GAUGE                      | 1           |                     |
| 40         | 18173           | LATCH PLATFORM                   | 1           |                     |
| 50         | 18222           | PLATFORM OPERATOR                | 1           |                     |
| 80         | EM916019        | FITTING, GREASE.....             | 2.....      | REPLACES P/N 491705 |
| 110        | EM963057        | BOLT, 3/8" DIA. ....             | 1.....      | REPLACES P/N 492313 |
| 140        | 492406          | BOLT, GD 8                       | 2           |                     |
| 160        | EM969013        | NUT, NYLON 3/8" NC NYLON G8..... | 5.....      | REPLACES P/N 492583 |
| 170        | EM969023        | NUT, LOCK 5/8" NC NYLON G8.....  | 2.....      | REPLACES P/N 492586 |
| 210        | 3019092         | WASHER, FLAT 3/8".....           | 1.....      | REPLACES P/N 492598 |
| 240        | 505069          | NUT, 3/4" NC NYLON GRD. 8        | 1           |                     |
| 260        | 505990          | BOLT 1/2" X 2-1/2"               | 5           |                     |
| 290        | 520343          | O-RING                           | 5           |                     |
| 310        | 806327          | RUBBER SEAL, COVER               | 5           |                     |
| 320        | 806328          | COVER, RESERVOIR                 | 5           |                     |
| 330        | 806453          | TUB, SUPPORT ROD                 | 1           |                     |
| 340        | 806523          | RETAINER/COVER                   | 5           |                     |

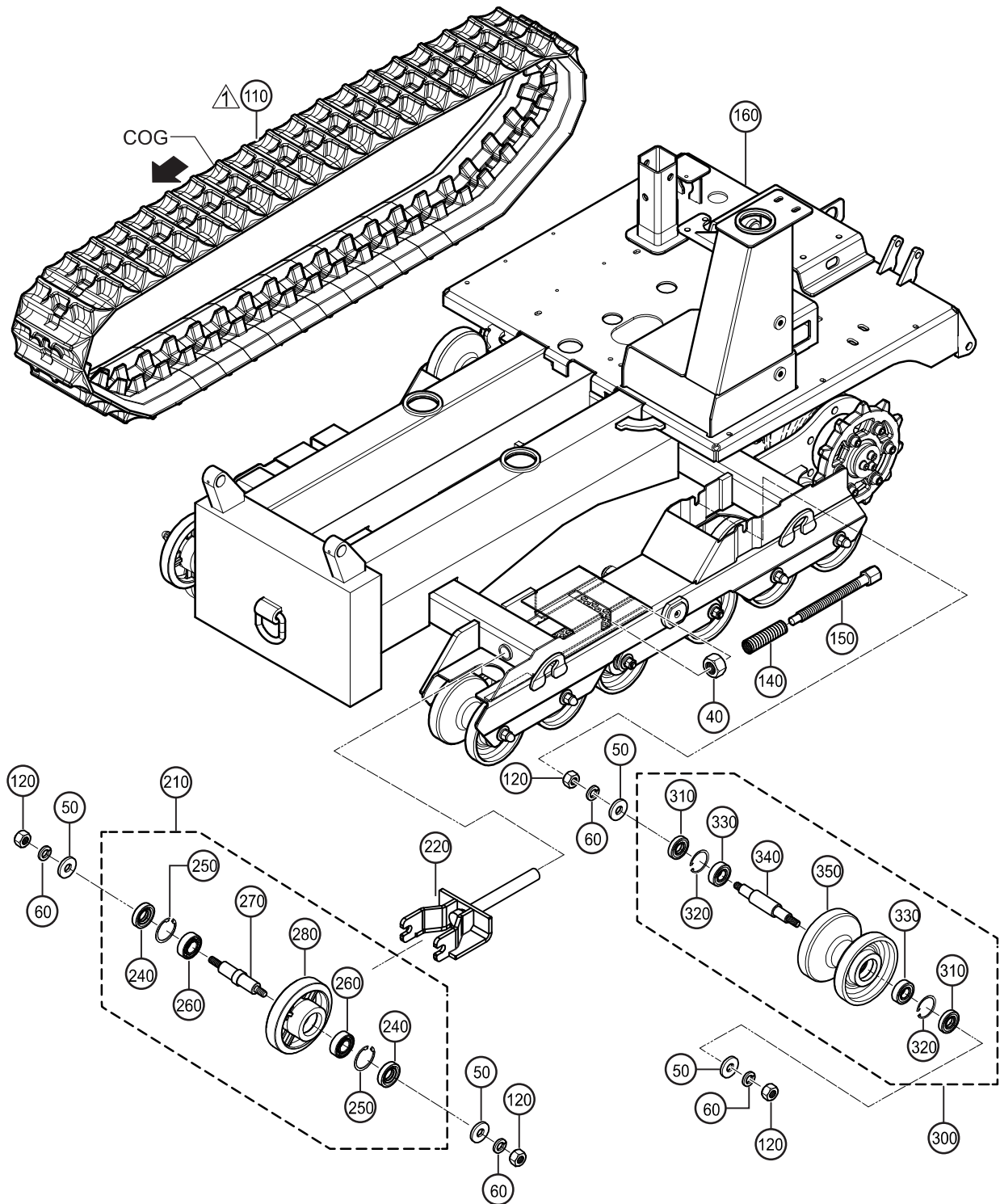
## CAP FILLER BREATHER ASSY.



## CAP FILLER BREATHER ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                 | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|----------------------------------|-------------|---------------------|
| 10         | 3353            | CAP, FILLER/BREATHER             | 1           |                     |
| 60         | 491160          | 90° ELBOW 1"                     | 1           |                     |
| 70         | 491189          | NIPPLE 1" NPT C/C GALV.          | 1           |                     |
| 100        | 492312          | BOLT, 3/8"NC X 1-1/4" G2         | 4           |                     |
| 130        | 492366          | SCREW HHC 5/16-18" X 1-1/2"      | 4           |                     |
| 150        | 2105164         | NUT, NYLON 5/16-18" .....        | 2.....      | REPLACES P/N 492582 |
| 160        | EM969013        | NUT, NYLON 3/8" NC NYLON G8..... | 7.....      | REPLACES P/N 492583 |
| 180        | 492595          | WASHER, FLAT 1/4"                | 8           |                     |
| 190        | EM923057        | WASHER, FLAT 1/4".....           | 6.....      | REPLACES P/N 492596 |
| 200        | 492597          | WASHER, FLAT 3/8"                | 8           |                     |
| 220        | EM923343        | WASHER, LOCK 5/16" .....         | 2.....      | REPLACES P/N 492623 |
| 250        | 505976          | CLAMP (SET OF TWO PIECES)        | 4           |                     |
| 270        | 506185          | PLATE CORNER                     | 2           |                     |
| 280        | 519875          | PLUG                             | 1           |                     |
| 350        | 806542          | CLAMP, PUMP SUPPORT, TOP         | 1           |                     |
| 360        | 806543          | CLAMP, PUMP SUPPORT, BOTTOM      | 1           |                     |
| 370        | 806544          | SUPPORT BRACKET, PUMP            | 1           |                     |
| 380        | 806796          | COVER, HYDRAULIC HOSES           | 1           |                     |
| 390        | 100078          | NUT, M6 NYLOC GRD. 8.8           | 4           |                     |
| 400        | 100443          | BOLT, M6" X 20"                  | 4           |                     |
| 410        | 513452          | SCREW 3/8 X 1-1/4" NC            | 2           |                     |

# RUBBER TRACK/ROLLER WHEEL ASSY.



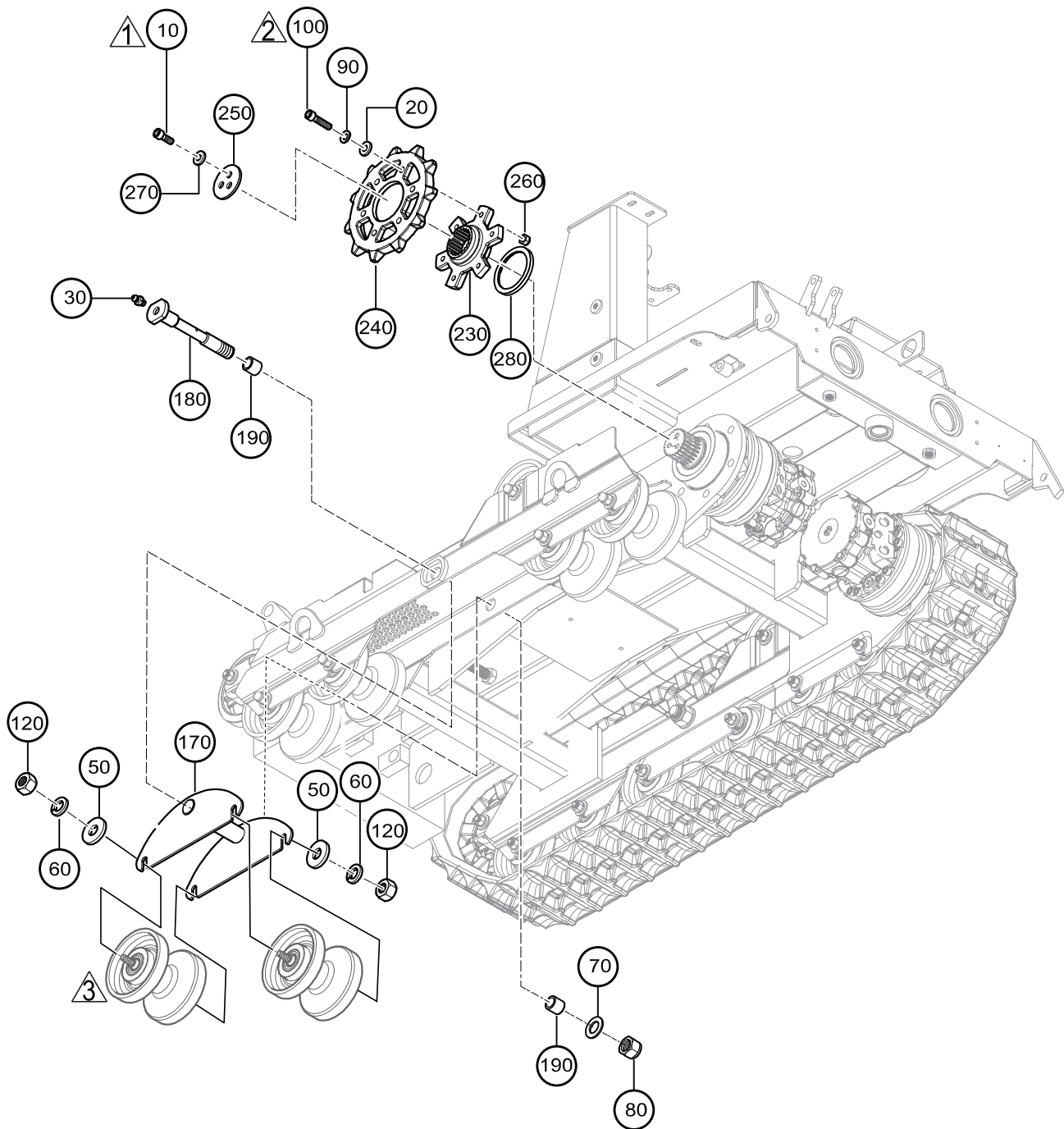
NOTE:

1 WHEN INSTALLING RUBBER TRACK  
ORIENTATE COGS AS SHOWN.

## RUBBER TRACK/ROLLER WHEEL ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                  | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|-----------------------------------|-------------|---------------------|
| 40         | 492558          | JAM NUT 3/4" DIA.                 | 2           |                     |
| 50         | 506109          | WASHER, FLAT 5/8"                 | 24          |                     |
| 60         | 492627          | WASHER, LOCK 5/8" DIA.            | 24          |                     |
| 70         | 501299          | WASHER, FLAT 1"                   | 2           |                     |
| 110        | 805929          | TRACK, RUBBER                     | 2           |                     |
| 120        | 492557          | NUT, 5/8" HEX NC GRD. 5           | 24          |                     |
| 140        | 806016          | SLEEVE, ADJUSTMENT BOLT           | 2           |                     |
| 150        | 806022          | ADJUSTMENT BOLT                   | 2           |                     |
| 160        | 806147          | CHASSIS, FRAME                    | 1           |                     |
| 210        | 806219          | DRIVEN TENSIONER, WHEEL ASSY..... | 2           | INCLUDES ITEMS W/\$ |
| 220        | 806220          | DRIVEN WHEEL BRACKET              | 2           |                     |
| 240\$      | 806011          | OIL SEAL                          | 2           |                     |
| 250\$      | 806014          | SNAP RING                         | 2           |                     |
| 260\$      | 806013          | BEARING                           | 2           |                     |
| 270\$      | 805910          | SHAFT, DRIVEN WHEEL               | 1           |                     |
| 280\$      | 805905          | DRIVEN WHEEL                      | 1           |                     |
| 300        | 806218          | ROLLER, WHEEL ASSY.....           | 14          | INCLUDES ITEMS W/#  |
| 310#       | 806010          | OIL SEAL                          | 2           |                     |
| 320#       | 804288          | SNAP RING                         | 2           |                     |
| 330#       | 493296          | BEARING                           | 2           |                     |
| 340#       | 805911          | SHAFT, GUIDE WHEEL                | 1           |                     |
| 350#       | 805816          | GUIDE WHEEL                       | 1           |                     |

## SPROCKET/ROLLER WHEEL ASSY.



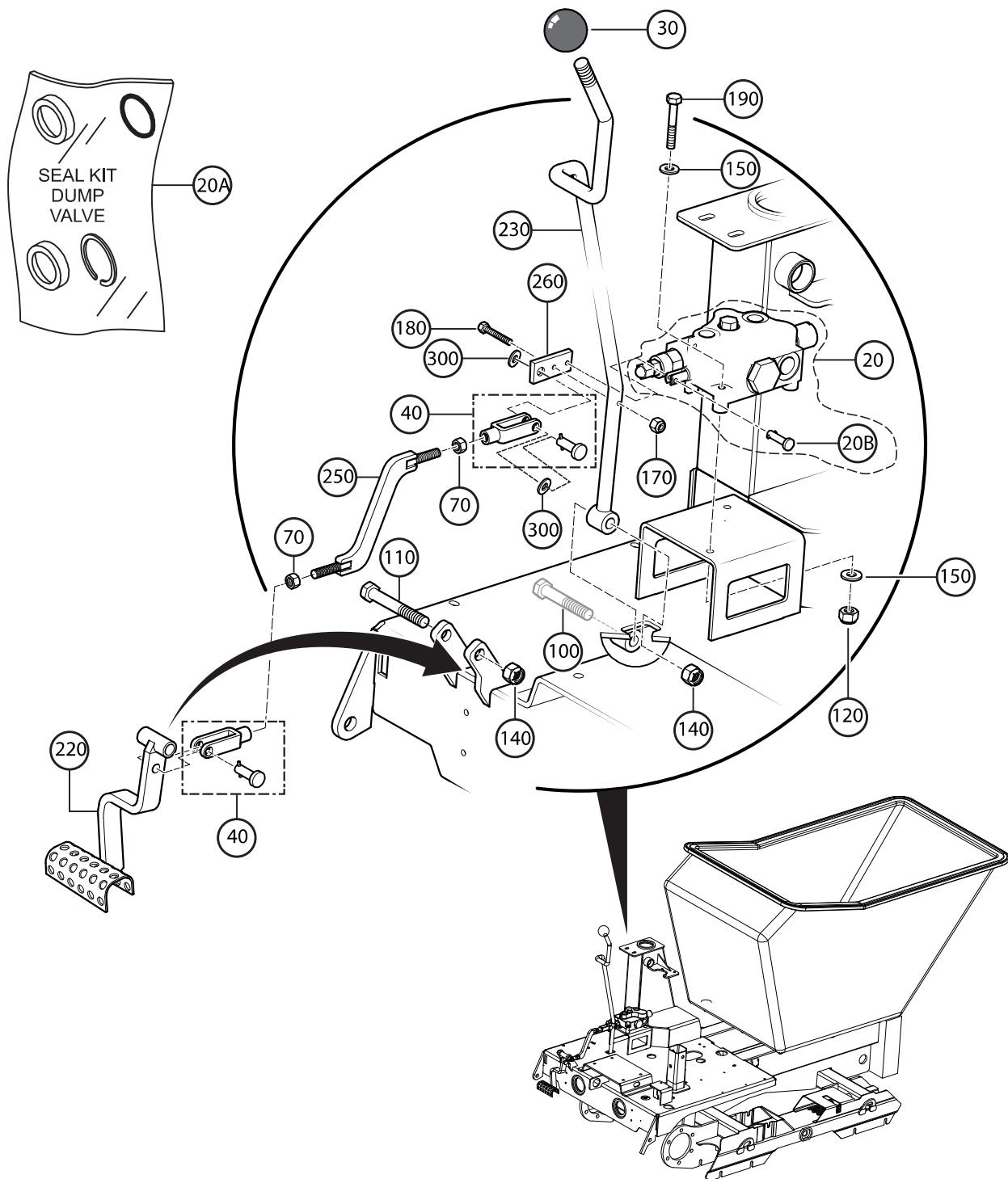
### NOTE:

- ① TORQUE TO 61 LB-FT.
- ② TORQUE TO 89 LB-FT.
- ③ REFERENCE RUBBER TRACK/ROLLER WHEEL ASSY., ITEM 300

## SPROCKET/ROLLER WHEEL ASSY.

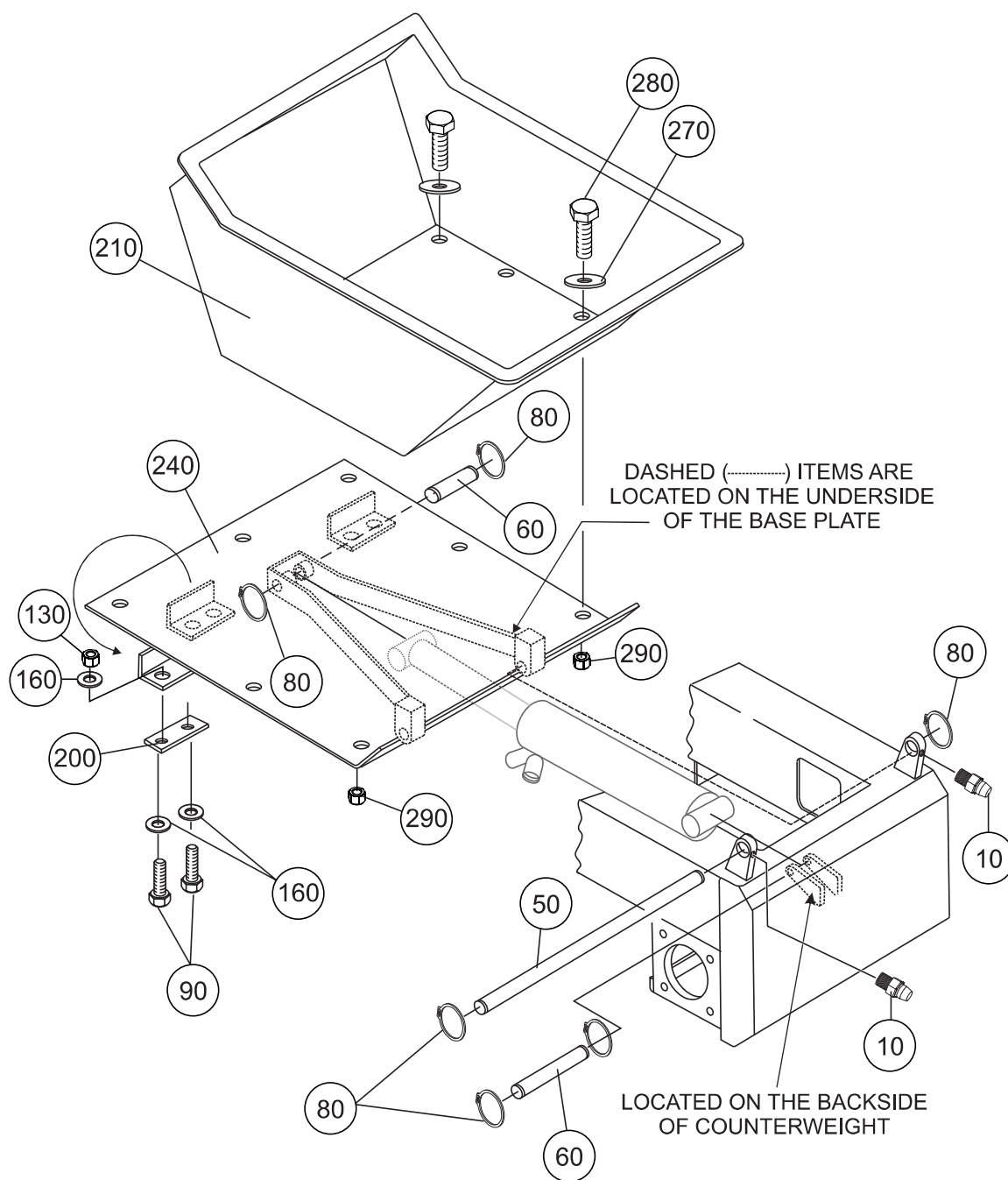
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>         | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|--------------------------|-------------|---------------------|
| 10         | 162             | SCREW, M10 X 25          | 6           |                     |
| 20         | EM621           | WASHER, 1/2" SPECIAL     | 12          |                     |
| 30         | EM916019        | FITTING, GREASE.....     | 2           | REPLACES P/N 491705 |
| 50         | EM506109        | WASHER, FLAT 5/8"        | 8           |                     |
| 60         | EM923348        | WASHER, LOCK 5/8" DIA.   | 8           |                     |
| 70         | EM501299        | WASHER, FLAT 1"          | 2           |                     |
| 80         | 511495          | NUT, 1" NYLOC            | 2           |                     |
| 90         | 519337          | WASHER, LOCK 1/2"        | 12          |                     |
| 100        | 801310          | SCREW M12 X 50           | 12          |                     |
| 120        | EM968013        | NUT, HEX. 5/8 "NC GRD. 5 | 8           |                     |
| 170        | 806167          | BRACKET, SWIVEL WHEELS   | 2           |                     |
| 180        | 806168          | SHAFT, SWIVEL WHEELS     | 2           |                     |
| 190        | 806169          | SPACER                   | 4           |                     |
| 230        | 806443          | SPROCKET, INNER          | 2           |                     |
| 240        | 806444          | SPROCKET, OUTER          | 2           |                     |
| 250        | 806878          | COVER, HYDRAULIC MOTOR   | 2           |                     |
| 260        | 100081          | NUT, M12                 | 12          |                     |
| 270        | 100518          | WASHER, FLAT M10         | 6           |                     |
| 280        | 807093          | SPACER, SPROCKET         | 2           |                     |

## DUMP PEDAL/VALVE ASSY.



## DUMP PEDAL/VALVE ASSY.

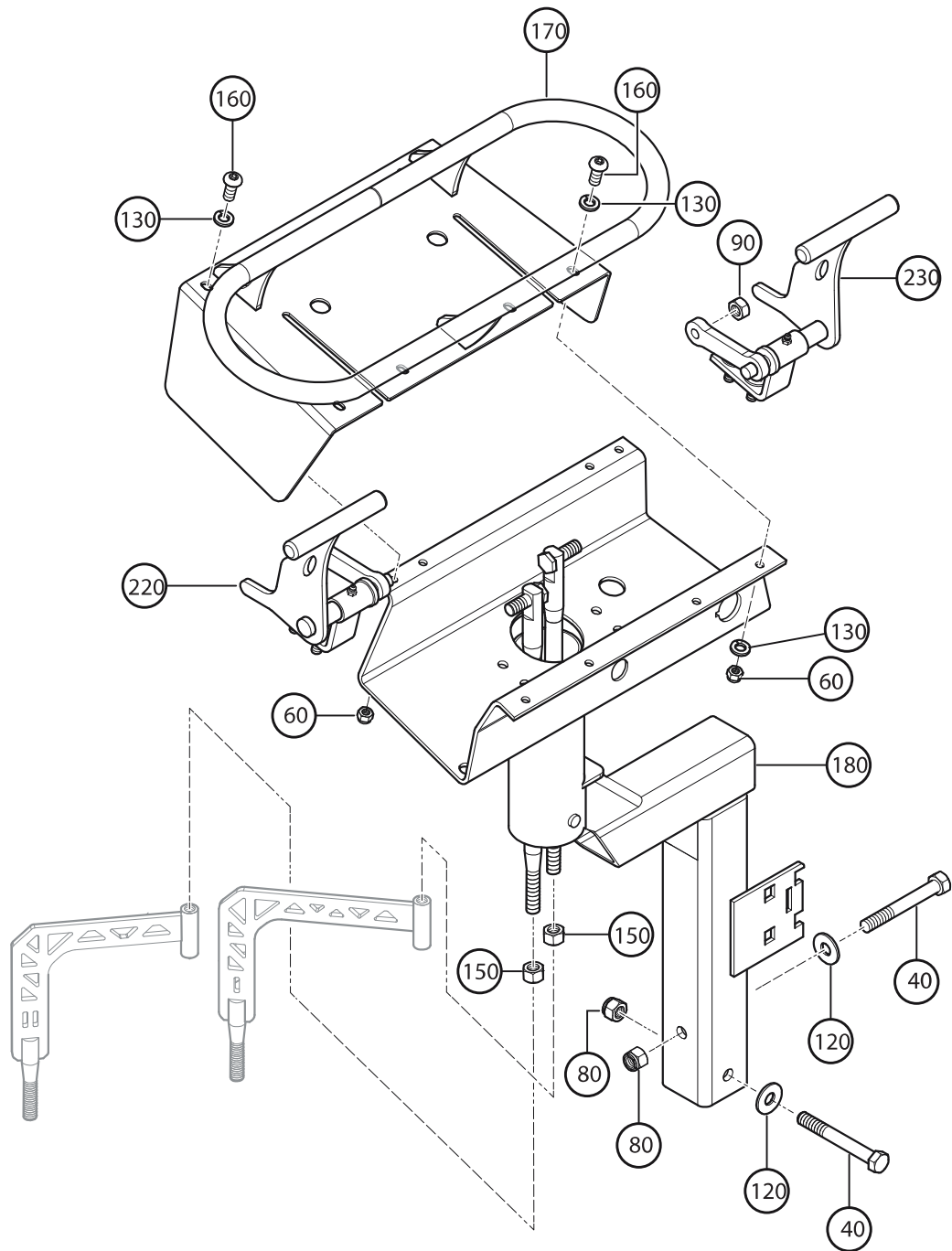
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                      | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|---------------------------------------|-------------|---------------------|
| 20         | 18064           | VALVE, DUMP .....                     | 1.....      | INCLUDES ITEM W/\$  |
| 20A        | 18064SK         | SEAL KIT, DUMP VALVE                  | 1           |                     |
| 20B\$      |                 | PIN, DUMP VALVE CROSS.....            | 1.....      | NOT SOLD SEPARATELY |
| 30         | 18121           | KNOB, LEVER                           | 1           |                     |
| 40         | 18123           | CLEVIS ASSY., DUMP VALVE              | 2           |                     |
| 70         | 490172          | NUT, 3/8"NF HEX. GRD. 5               | 2           |                     |
| 100        | 505718          | SCREW, HHC 1/2-13" X 2-3/4" NC GRD. 5 | 1           |                     |
| 110        | 3215            | SCREW, HHC 1/2"-13 X 3-1/2" .....     | 1.....      | REPLACES P/N 492400 |
| 120        | 492581          | NUT, NYLOC 1/4"-20                    | 2           |                     |
| 140        | 492584          | NUT, NYLOC 1/2" DIA. NC               | 2           |                     |
| 150        | 492595          | WASHER, FLAT 1/4"                     | 4           |                     |
| 170        | 503119          | NUT, NYLOC 3/16" NYLON G8             | 1           |                     |
| 180        | 512183          | SCREW, HHC 10-24 X 1-1/4"             | 1           |                     |
| 190        | 506088          | SCREW, HHC 1/4-20 X 3/8"              | 2           |                     |
| 220        | 806211          | PEDAL, DUMP VALVE                     | 1           |                     |
| 230        | 806212          | LEVER, DUMP VALVE                     | 1           |                     |
| 250        | 806538          | ROD, DUMP VALVE                       | 1           |                     |
| 260        | 806553          | BELL CRANK, DUMP VALVE PLATE          | 1           |                     |
| 300        | 492598          | WASHER, FLAT 3/8"                     | 2           |                     |



## TUB ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|---------------------------------|-------------|---------------------|
| 10         | EM916019        | GREASE FITTING .....            | 2.....      | REPLACES P/N 491705 |
| 50         | 18129           | PIN, TUB FRAME CROSS            | 1           |                     |
| 60         | 18130           | PIN, HOPPER DUMP CYLINDER       | 2           |                     |
| 80         | JISB2804C25     | RING RETAINING .....            | 6.....      | REPLACES P/N 490957 |
| 90         | 492303          | BOLT 5/16"-18 X 1-1/4" GRD. 5   | 4           | REPLACES P/N 492365 |
| 130        | 2105164         | NUT, NYLOC 5/16"-18 .....       | 4.....      | REPLACES P/N 492582 |
| 160        | EM923057        | WASHER, FLAT 1/4" .....         | 8.....      | REPLACES P/N 492596 |
| 200        | 512279          | SUPPORT BUMPER STOP             | 2           |                     |
| 210        | 515387          | TUB, PLASTIC, 16 CU. FT.        | 1           |                     |
| 240        | 806452          | FRAME, TUB MOUNT 16 CU. FT.     | 1           |                     |
| 270        | 512193          | WASHER, FLAT 3/8" LARGE         | 9           |                     |
| 280        | EM963057        | BOLT, 3/8" X 1-1/2" GRD. 5..... | 9.....      | REPLACES P/N 492313 |
| 290        | EM969013        | NUT, 3/8"NC NYLOC GRD. 8.....   | 9.....      | REPLACES P/N 492583 |

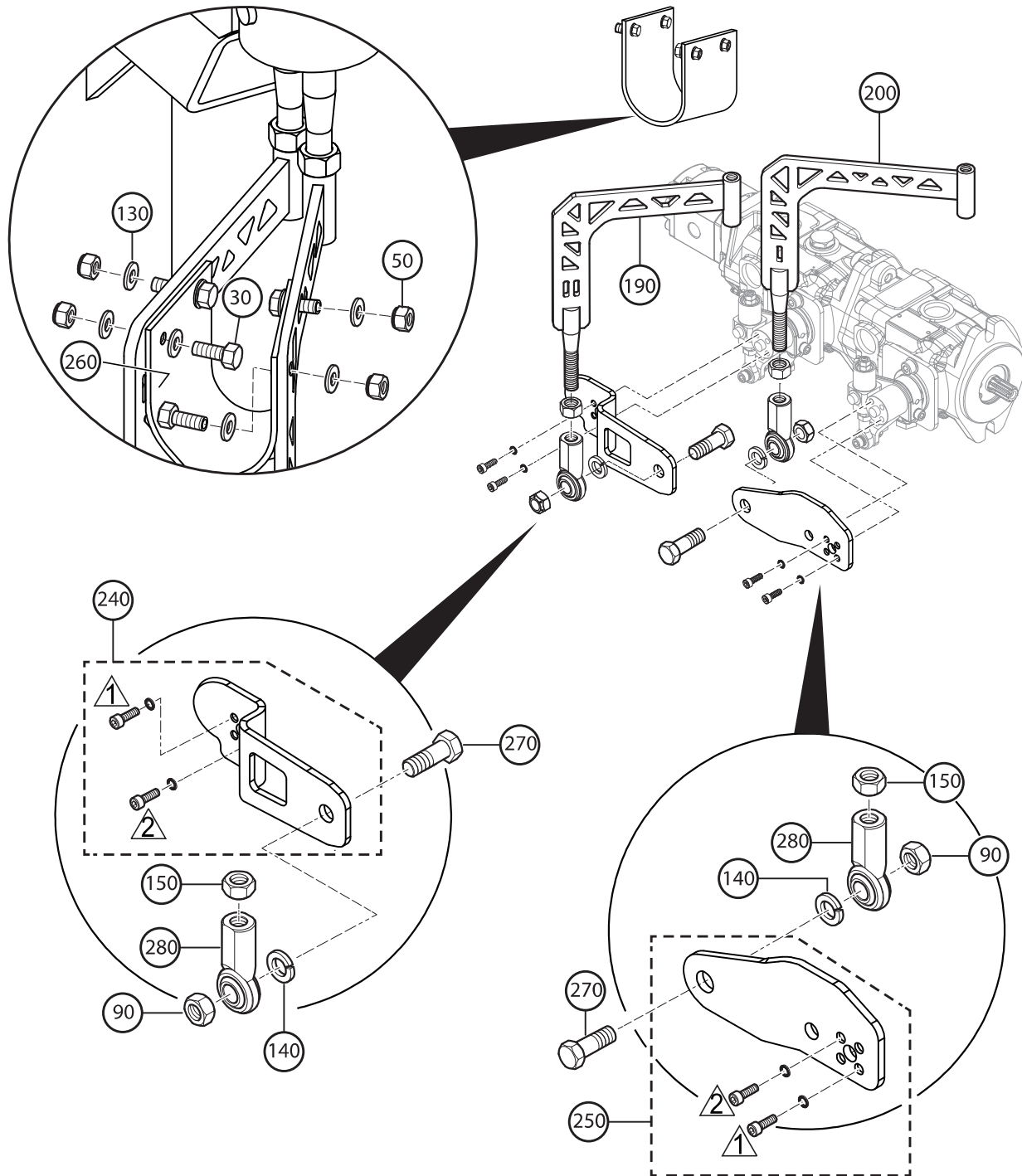
## STEERING ASSY.



## STEERING ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>              | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|-------------------------------|-------------|---------------------|
| 40         | 492401          | BOLT, 1/2" DIA. X 4" NC GRD 5 | 2           |                     |
| 60         | 2105164         | NUT, NYLOC 5/16"-18 .....     | 8.....      | REPLACES P/N 492582 |
| 80         | 492584          | NUT, NYLOC 1/2"-13            | 2           |                     |
| 90         | 504723          | NUT, 1/2" NC GRD 8            | 4           |                     |
| 120        | 492599          | WASHER, FLAT 1/2"             | 2           |                     |
| 130        | EM923057        | WASHER, FLAT 1/4"             | 8           |                     |
| 150        | 492589          | NUT, HEX 1/2" NF GRD. 5.....  | 4.....      | REPLACES P/N 507661 |
| 160        | 521542          | SCREW, 5/16" X 3/4" NC GRD. 5 | 8           |                     |
| 170        | 806562          | HANDLE PLATFORM               | 1           |                     |
| 180        | 806595          | MAIN SUPPORT, CONTROLS        | 1           |                     |
| 220        | 806614          | STEERING LEVER, RIGHT         | 1           |                     |
| 230        | 806615          | STEERING LEVER, LEFT          | 1           |                     |

## PUMP CONTROL RODS ASSY.



NOTE:

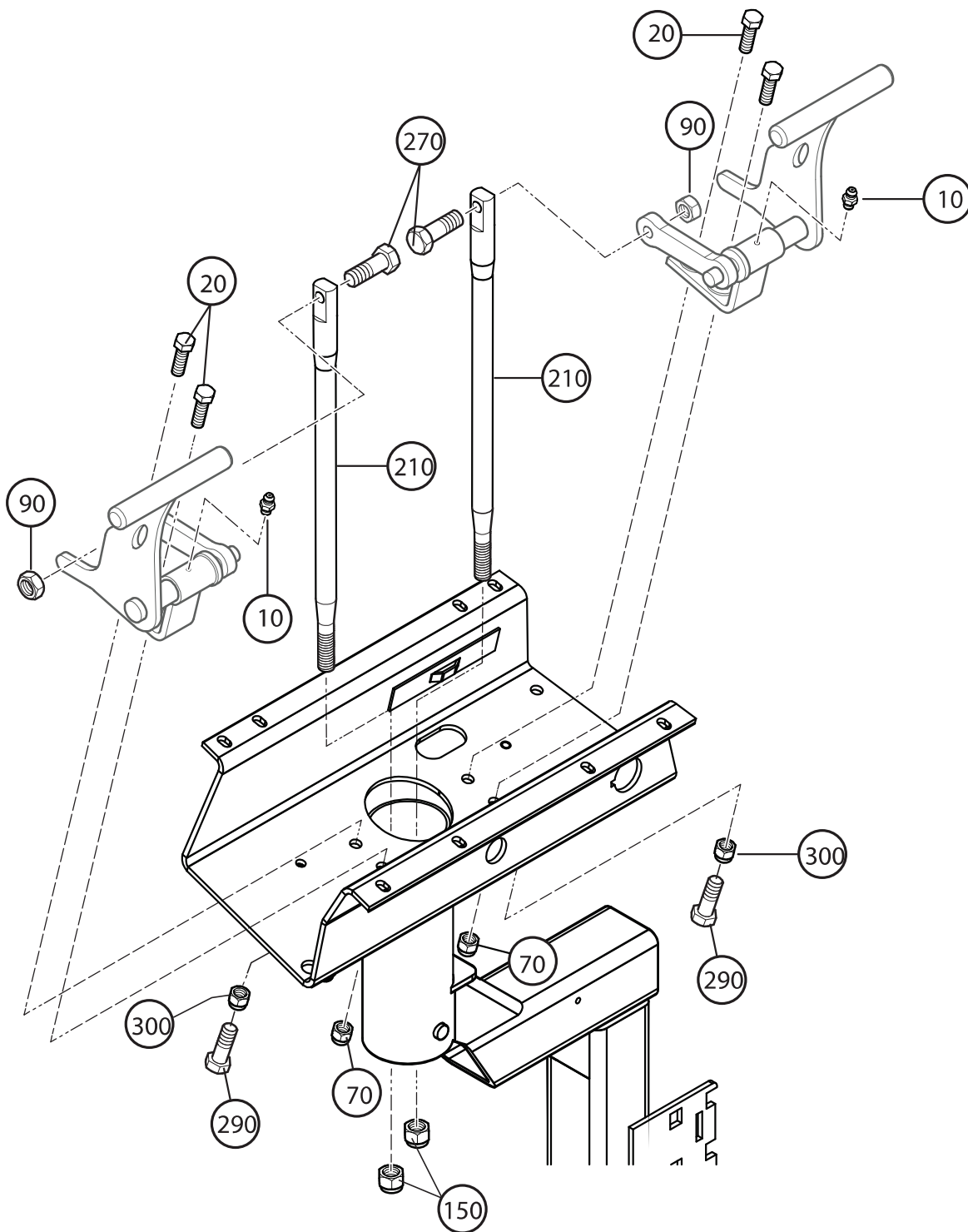
1 TORQUE TO 13 LB-FT.

2 SCREWS INCLUDED WITH LEVER

## **PUMP CONTROL RODS 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> |
|-------------------|------------------------|---------------------------------|--------------------|-----------------------|
| 30                | 492357                 | BOLT, 1/4" X 1 NC GRD 5         | 4                  |                       |
| 50                | 492581                 | NUT, NYLOC 1/4"-20              | 4                  |                       |
| 90                | 504723                 | NUT, 1/2" NC GRD 8              | 4                  |                       |
| 130               | 492596                 | WASHER, FLAT 5/16"              | 8                  |                       |
| 140               | 6109180                | WASHER, LOCK 1/2" DIA. ....     | 2.....             | REPLACES P/N 492626   |
| 150               | 492589                 | NUT, HEX 1/2" NF.....           | 4.....             | REPLACES P/N 507661   |
| 190               | 806601                 | 90° CONTROL ROD, RIGHT          | 1                  |                       |
| 200               | 806605                 | 90° CONTROL ROD, LEFT           | 1                  |                       |
| 240               | 807360                 | LEVER, PUMP 2                   | 1                  |                       |
| 250               | 807359                 | LEVER, PUMP 1                   | 1                  |                       |
| 260               | 806798                 | RUBBER CONTROL ROD DAMPNER      | 1                  |                       |
| 270               | 806852                 | SCREW, SPECIAL 1/2" X 1-1/2" NC | 4                  |                       |
| 280               | 806853                 | ROD, END 1/2" NF                | 2                  |                       |

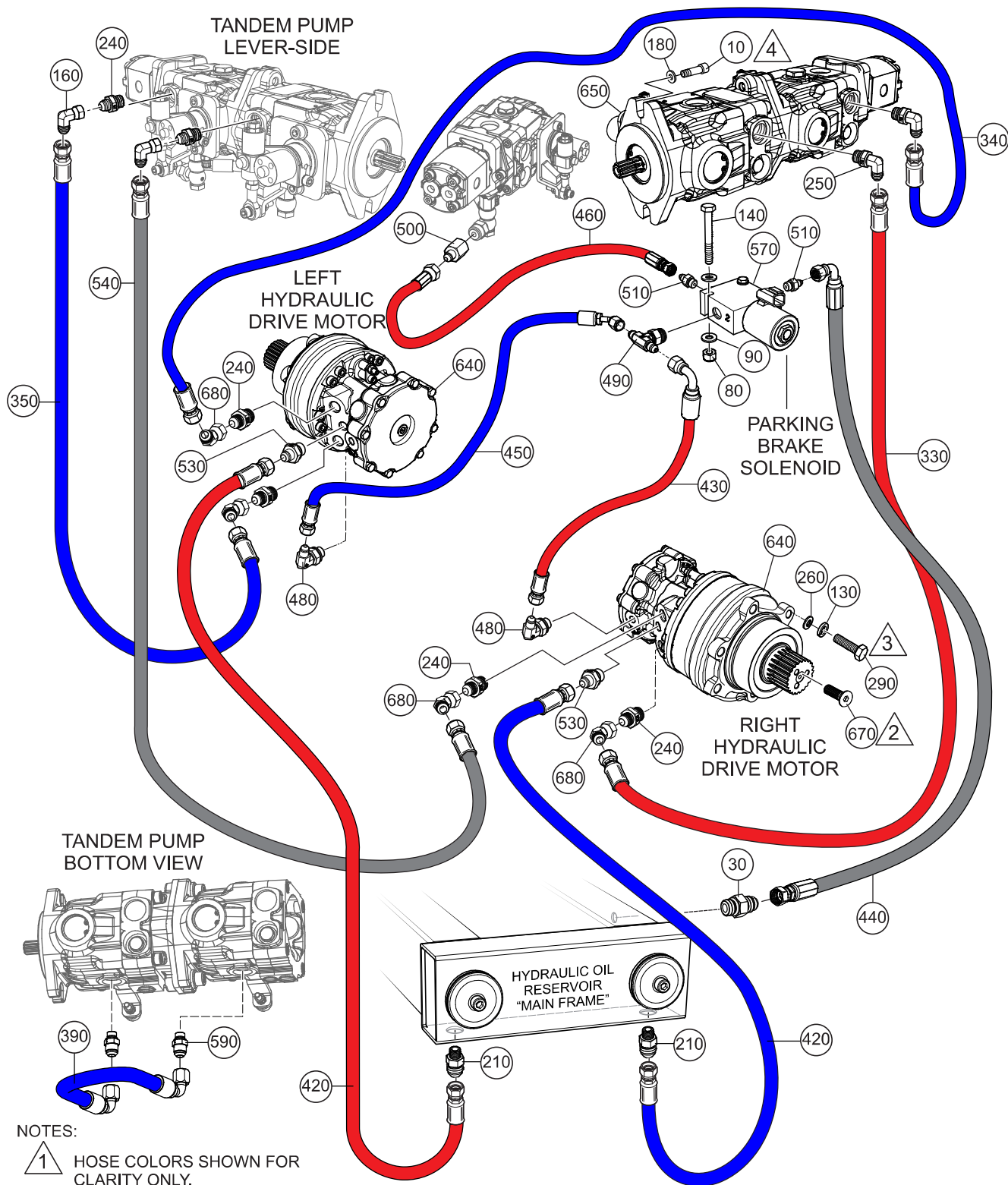
## CONTROL RODS STEERING LEVERS ASSY.



## CONTROL RODS STEERING LEVERS ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|---------------------------------|-------------|---------------------|
| 10         | EM916019        | FITTING, GREASE.....            | 2.....      | REPLACES P/N 491705 |
| 20         | 492313          | BOLT, 3/8" X 1-1/2" NC GRD 5    | 4           |                     |
| 70         | EM969013        | NUT, NYLOC 3/8" .....           | 4.....      | REPLACES P/N 492583 |
| 90         | 504723          | NUT, 1/2" DIA.                  | 4           |                     |
| 150        | 492589          | NUT, HEX 1/2" NF.....           | 4.....      | REPLACES P/N 507661 |
| 210        | 806607          | CONTROL RODS, STEERING LEVERS   | 2           |                     |
| 270        | 806852          | SCREW, SPECIAL 1/2" X 1-1/2" NC | 4           |                     |
| 290        | 492365          | BOLT 5/16" 1X1-1/4" GRD. 5      | 2           |                     |
| 300        | 492541          | NUT, HEX 5/16" NC GRD. 2        | 2           |                     |

# HYDRAULIC DRIVE MOTOR ASSY.



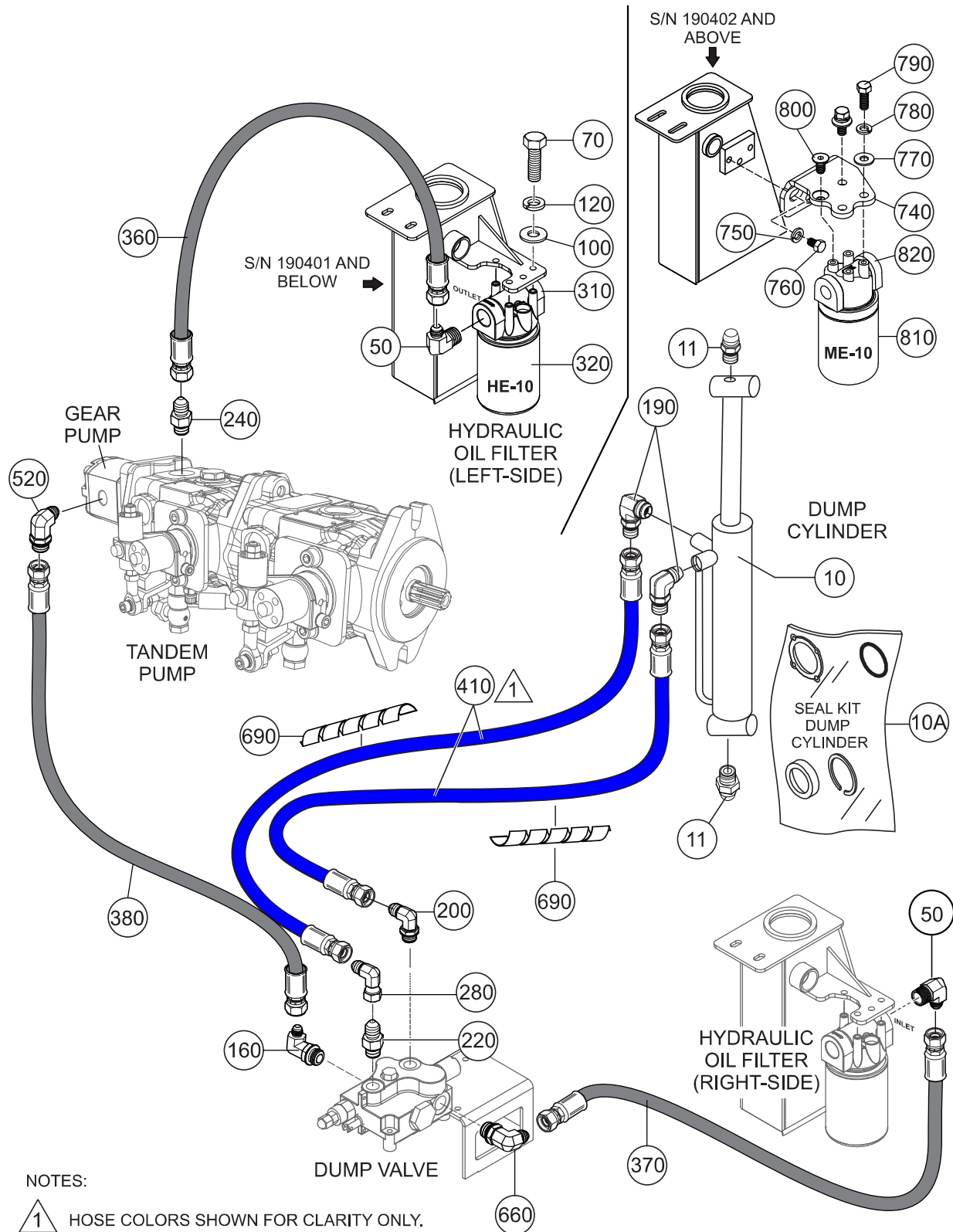
## NOTES:

- 1 HOSE COLORS SHOWN FOR CLARITY ONLY.
- 2 TORQUE TO 150 LB-FT
- 3 TORQUE TO 218 LB-FT
- 4 TORQUE TO 20 LB-FT

## HYDRAULIC DRIVE MOTOR ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                                 | <u>QTY.</u> | <u>REMARKS</u>       |
|------------|-----------------|--------------------------------------------------|-------------|----------------------|
| 10         | EM175           | SCREW, 3/8"X 1-1/4" NC G5                        | 2           |                      |
| 30         | EM25511         | FITTING, STRAIGHT 4 F5OX-S                       | 1           |                      |
| 80         | 492581          | NUT, NYLOC 1/4"-20                               | 4           |                      |
| 90         | 492595          | WASHER, FLAT 1/4"                                | 4           |                      |
| 130        | EM923348        | WASHER, LOCK 5/8".....                           | 10.....     | REPLACES P/N 492627  |
| 140        | 506088          | SCREW, HHC 1/4"-20 X 3/8"                        | 2           |                      |
| 160        | 506195          | 90° ELBOW, 8 C6X-S                               | 2           |                      |
| 180        | 3019092         | WASHER, FLAT 3/8".....                           | 2.....      | REPLACES P/N 508346  |
| 210        | 511808          | STRAIGHT FITTING 6 F5OX-S                        | 2           |                      |
| 240        | 518821          | FITTING, STRAIGHT 8-8 F42EDMX-S                  | 6           |                      |
| 250        | 518822          | 90° ELBOW 8-8 C4OMX-S                            | 2           |                      |
| 260        | 506109          | WASHER, LOCK 5/8"                                | 10          |                      |
| 290        | 521537          | SCREW, M16 X 60                                  | 10          |                      |
| 330        | 806053          | HOSE, HYD., PUMP 1 TO DRIVE MOTOR                | 1           |                      |
| 340        | 806055          | HOSE, HYD., PUMP 2 TO DRIVE MOTOR                | 1           |                      |
| 350        | 806056          | HOSE, HYD., GEAR PUMP TO DRIVE MOTOR.....        | 1.....      | S/N 190411 AND BELOW |
| 350        | 807558          | HOSE, HYD., GEAR PUMP TO DRIVE MOTOR (LONG)..... | 1.....      | S/N 190412 AND ABOVE |
| 390        | 806084          | HOSE, HYD., PUMP PORTS T11-T12                   | 1           |                      |
| 420        | 806087          | HOSE, HYD., DRV. MTR. TO HYD. RESERVOIR          | 2           |                      |
| 430        | 806088          | HOSE, HYD., PARK BRK. SOL. TO RT. DRIVE MOTOR    | 1           |                      |
| 440        | 806089          | HOSE, HYD., PARKING BRK. SOL. TO HYD. RESERVOIR  | 1           |                      |
| 450        | 806090          | HOSE, HYD., PARK. BRK. SOL. TO LFT. DRIVE MOTOR  | 1           |                      |
| 460        | 806091          | HOSE, HYD., PARK. BRK. SOL. TO PUMP              | 1           |                      |
| 480        | 806095          | 90° ELBOW 4-4 C4OMXS                             | 2           |                      |
| 490        | 806096          | TEE FITTING 4-4-6 S5OX-S                         | 1           |                      |
| 500        | 806097          | ADAPTER, STRAIGHT 4-4G4MXS                       | 1           |                      |
| 510        | 806098          | ADAPTER, STRAIGHT 4-6F5OX-S                      | 2           |                      |
| 530        | 806101          | ADAPTER, STRAIGHT 6-6 F42EDMX-S                  | 2           |                      |
| 540        | 806102          | HOSE, HYD., PUMP 1 TO RIGHT DRIVE MOTOR          | 1           |                      |
| 570        | 806527          | SOLENOID, BRAKE                                  | 1           |                      |
| 590        | 806547          | STRAIGHT FITTING 10-6 F42EDMX-S                  | 2           |                      |
| 640        | 806794          | HYDRAULIC MOTOR                                  | 2           |                      |
| 650        | 806795          | TANDEM HYDRAULIC PUMP                            | 1           |                      |
| 670        | 806998          | SCREW, M16 X 50                                  | 2           |                      |
| 680        | 506200          | 45° ELBOW 8 V6X-S                                | 4           |                      |

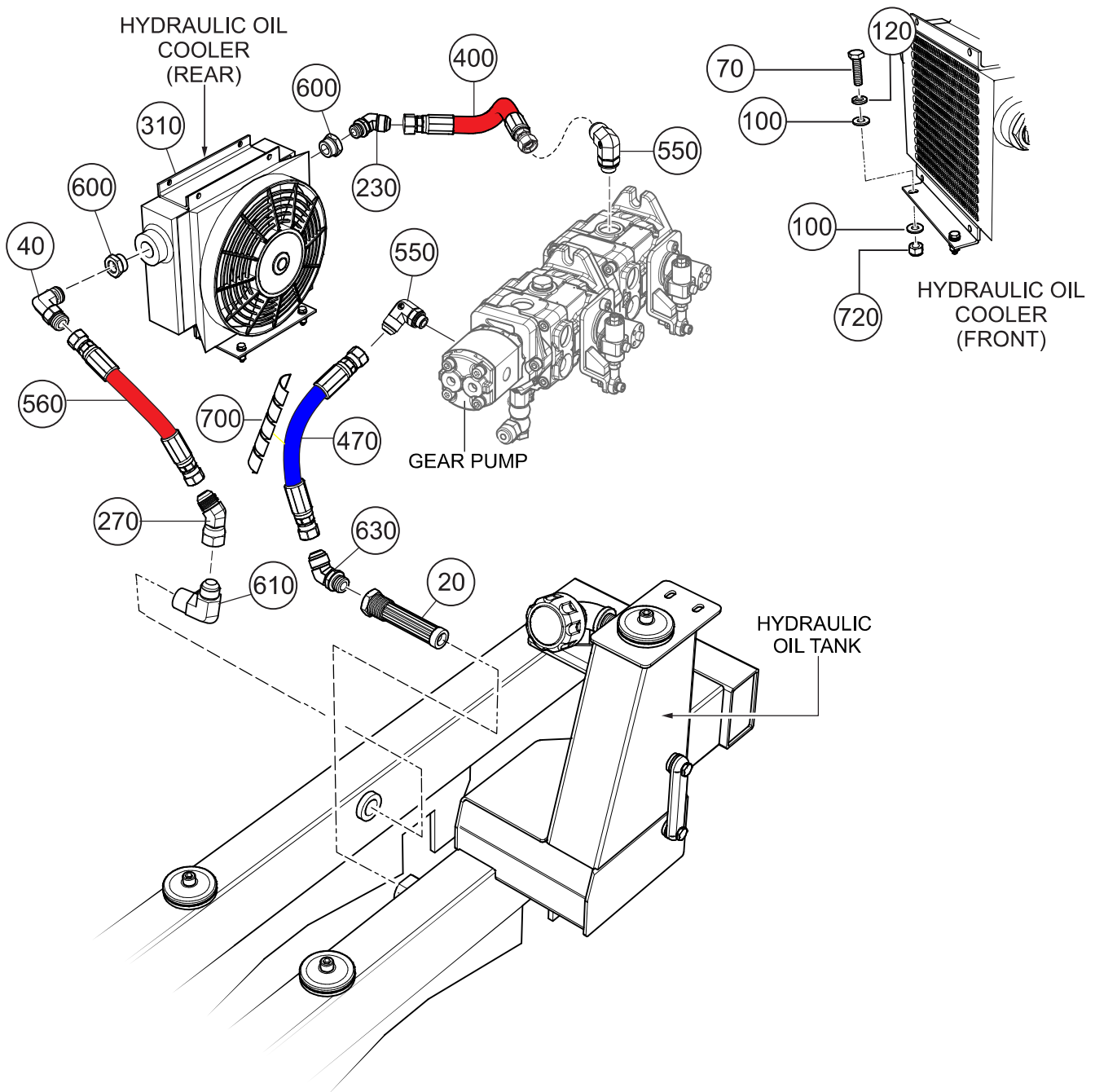
# DUMP VALVE ASSY.



## DUMP VALVE ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                             | <u>QTY.</u> | <u>REMARKS</u>       |
|------------|-----------------|----------------------------------------------|-------------|----------------------|
| 10         | 18022           | CYLINDER, HYDRAULIC                          | 1           |                      |
| 10A        | 18022SK         | SEAL KIT, DUMP CYLINDER                      | 1           |                      |
| 11         | 491705          | ZERK FITTING                                 | 2           |                      |
| 70         | 0202            | SCREW, HHC 5/16" X18" X 1" .....             | 3.....      | REPLACES P/N 492364  |
| 50         | 491375          | 90° ELBOW 8-12 CTX-S                         | 2           |                      |
| 100        | EM923057        | WASHER, 1/4" .....                           | 3.....      | REPLACES P/N 492596  |
| 120        | EM923343        | WASHER, LOCK 5/16" .....                     | 3.....      | REPLACES P/N 492623  |
| 160        | 506195          | 90° ELBOW, 8 C6X-S                           | 2           |                      |
| 190        | 511803          | 90° ELBOW 6-4 C5OX-S                         | 2           |                      |
| 200        | 511804          | 90° ELBOW, 6-8 C5OX-S                        | 1           |                      |
| 220        | 512190          | FITTING, STRAIGHT 6-8 F5OX-S                 | 1           |                      |
| 240        | 518821          | FITTING, STRAIGHT 8-8 F42EDMX-S              | 1           |                      |
| 280        | 519967          | 90° ELBOW 6 C6X-S                            | 1           |                      |
| 310        | 806020          | HEAD, FILTER                                 | 1           |                      |
| 320        | 806021          | FILTER, SPIN-ON, ZINGA HE-10.....            | 1.....      | S/N190401 AND BELOW  |
| 360        | 806057          | HOSE, HYD., OIL FILTER (OUTLET) TO PUMP      | 1           |                      |
| 370        | 806058          | HOSE, HYD., OIL FILTER (INLET) TO DUMP VALVE | 1           |                      |
| 380        | 806083          | HOSE, HYD., DUMP VALVE TO GEAR PUMP          | 1           |                      |
| 410        | 806086          | HOSE, HYD., DUMP CYL. TO DUMP VALVE          | 2           |                      |
| 520        | 806100          | 90° ELBOW 6-6C4OMX-S                         | 1           |                      |
| 660        | EM16524         | 90° ELBOW 8-10 C5OX-S                        | 1           |                      |
| 690        | 513614          | SPRIAL VINYL, 12 IN. (304 MM) .....          | 1.....      | 1 PC= 1 FT.          |
| 740        | 807635          | FILTER HEAD SUPPORT .....                    | 1 .....     | S/N 190402 AND ABOVE |
| 750        | 492626          | LOCK WASHER 1/2" G. (CAD,2D) .....           | 3 .....     | S/N 190402 AND ABOVE |
| 760        | 504456          | HEX HEAD BOLT 1/2"NC X 3/4" G5.....          | 3 .....     | S/N 190402 AND ABOVE |
| 770        | 492597          | FLAT WASHER 3/8" .....                       | 3 .....     | S/N 190402 AND ABOVE |
| 780        | 492624          | LOCK WASHER 3/8" .....                       | 3 .....     | S/N 190402 AND ABOVE |
| 790        | 492375          | HEX HEAD BOLT 3/8"NC X 1" G5.....            | 3 .....     | S/N 190402 AND ABOVE |
| 800        | 807641          | FLAT HEAD BOLT 3/8" X 3/4" NC G5.....        | 1 .....     | S/N 190402 AND ABOVE |
| 810        | 807605          | FILTER, SPIN-ON, ZINGA ME-10 .....           | 1 .....     | S/N 190402 AND ABOVE |
| 820        | 807604          | DHF SERIES SPIN-ON FILTER HEAD .....         | 1 .....     | S/N 190402 AND ABOVE |

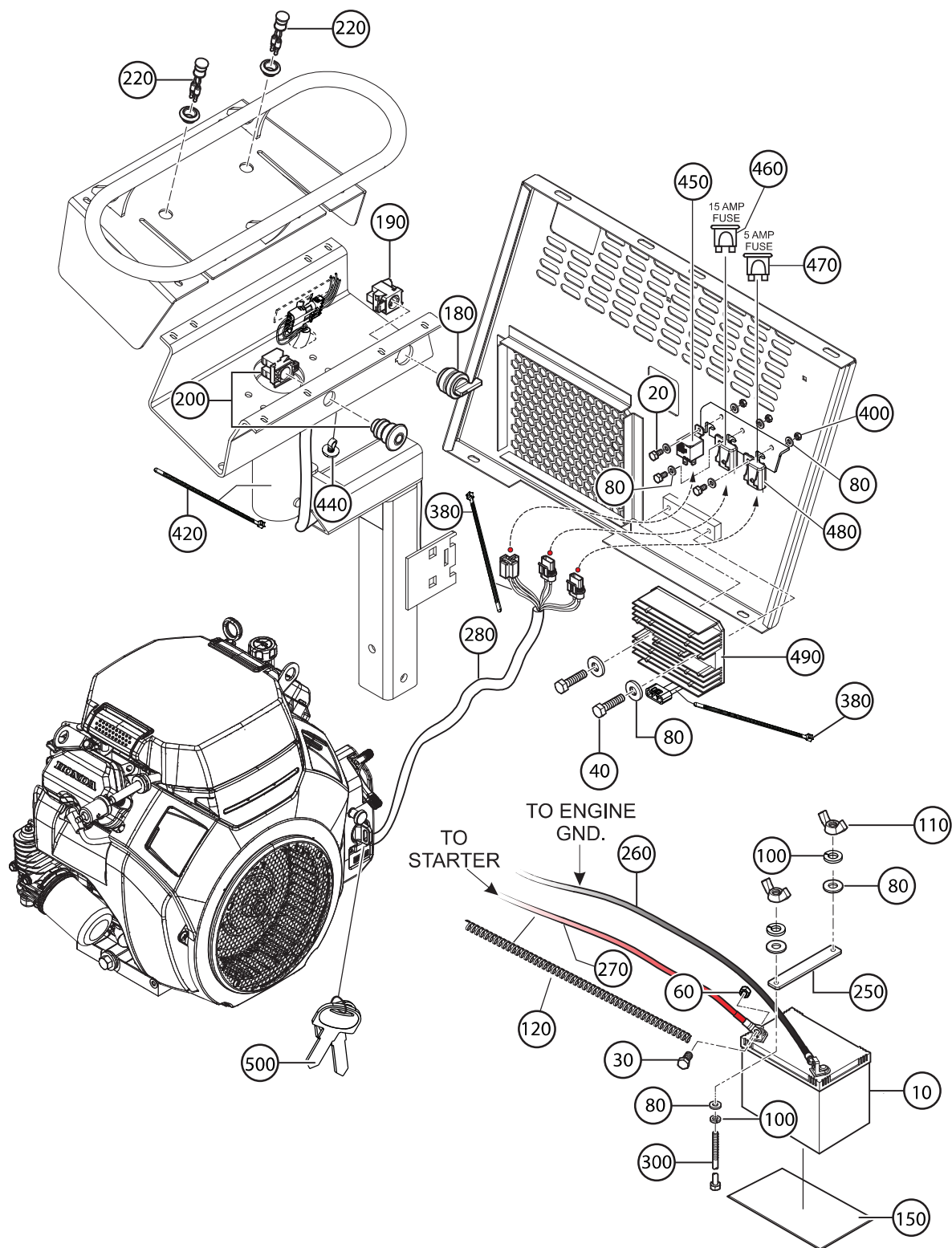
## HYDRAULIC OIL COOLER ASSY.



## HYDRAULIC OIL COOLER ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                             | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|----------------------------------------------|-------------|---------------------|
| 20         | 18229           | STRAINER, SUCTION                            | 1           |                     |
| 40         | 3322            | 90° ELBOW, 90 10MJ-10MO                      | 1           |                     |
| 70         | 0202            | SCREW HHC 5/16"X18X1 .....                   | 2           | REPLACES P/N 492364 |
| 100        | EM923057        | WASHER, FLAT 1/4" .....                      | 4           | REPLACES P/N 492596 |
| 120        | EM923343        | WASHER, LOCK 5/16" .....                     | 2           | REPLACES P/N 492623 |
| 230        | 514230          | 45° ELBOW 10 V5OX-S                          | 1           |                     |
| 250        | 518822          | 90° ELBOW 8-8 C4OMX-S                        | 1           |                     |
| 270        | 519901          | 45° ELBOW 10 V6X-S                           | 1           |                     |
| 310        | 802001          | OIL COOLER                                   | 1           |                     |
| 400        | 806085          | HOSE, HYD., PUMP TO OIL COOLER               | 1           |                     |
| 470        | 806092          | HOSE, HYD., PUMP TO RESERVOIR (SUCTION)      | 1           |                     |
| 550        | 806467          | 90° ELBOW 10-6 C4OMX-S                       | 1           |                     |
| 560        | 806468          | HOSE, HYD., OIL COOLER TO RESERVOIR (RETURN) | 1           |                     |
| 600        | 806548          | ADAPTER 16-10F5OG5-S                         | 2           |                     |
| 610        | 806549          | 90° ELBOW 10-12 CTX-S                        | 1           |                     |
| 630        | 806552          | 45° ELBOW 12-8 VTX-S                         | 1           |                     |
| 700        | 513614          | SPRIAL VINYL, 8 IN. (203 MM) .....           | 1           | 1 PC= 1 FT.         |
| 720        | 2105164         | NUT, NYLOC 5/16" .....                       | 4           | REPLACES P/N 492582 |

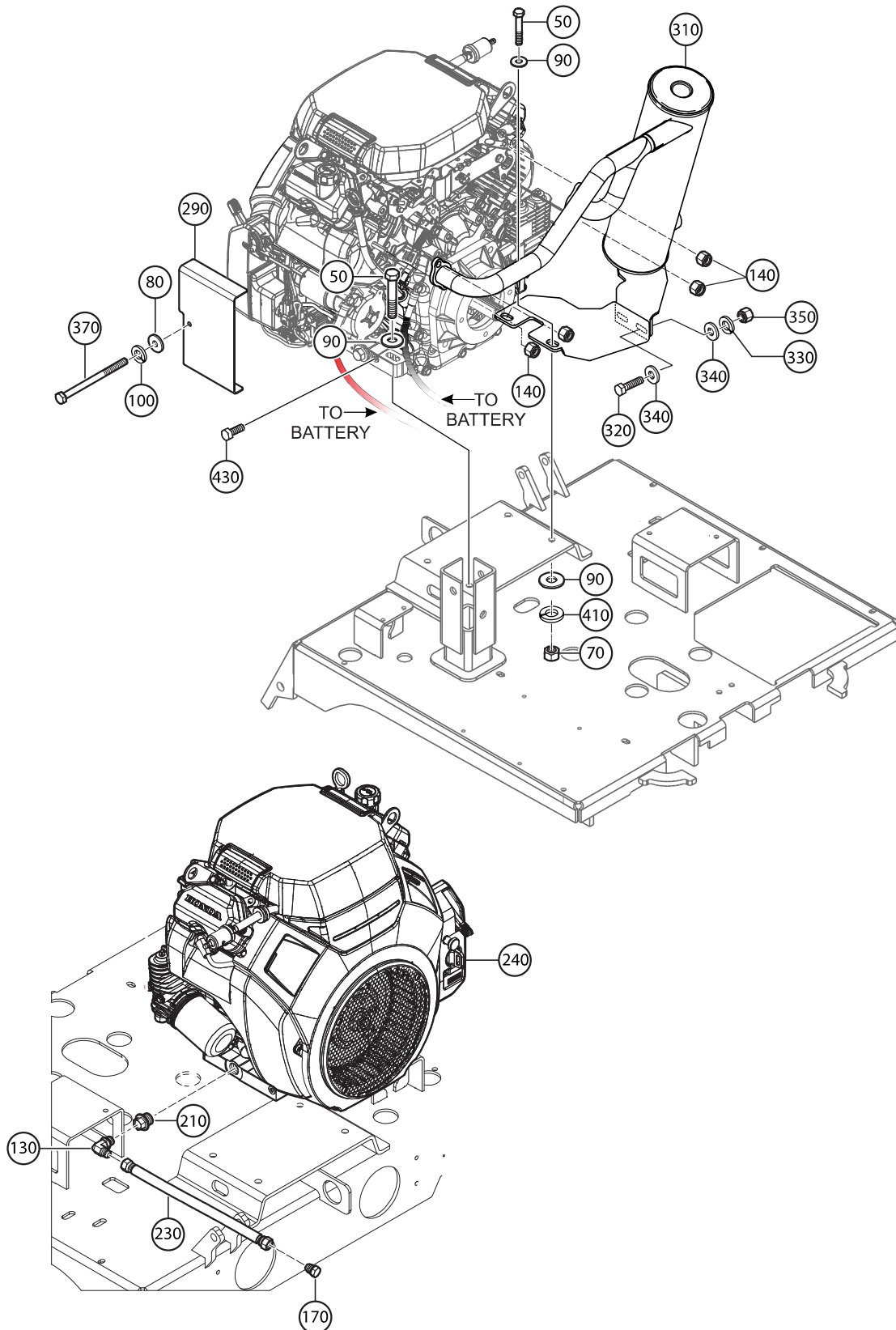
# ELECTRONIC COMPONENTS ASSY.



## ELECTRONIC COMPONENTS ASSY.

| <b>NO.</b> | <b>PART NO.</b> | <b>PART NAME</b>                        | <b>QTY.</b> | <b>REMARKS</b>      |
|------------|-----------------|-----------------------------------------|-------------|---------------------|
| 10         | 4671            | BATTERY, 12V GROUP U1 WET CELL          | 1           |                     |
| 20         | 503115          | SCREW, 3/16"X 3/4" NC GRD. 2            | 3           |                     |
| 30         | 492309          | BOLT, 3/8" X 3/4" NC GRD. 2             | 2           |                     |
| 40         | 492357          | BOLT, 1/4"X 1" NC GRD. 5                | 2           |                     |
| 60         | 492542          | NUT, 3/8" NC                            | 2           |                     |
| 80         | 492595          | WASHER, FLAT 1/4"                       | 12          |                     |
| 100        | 2101402         | WASHER, LOCK 1/4" DIA. ....             | 2.....      | REPLACES P/N 492622 |
| 110        | 505500          | WING NUT, 1/4"                          | 2           |                     |
| 120        | 506153          | SPIRAL PLASTIC WRAP 33 IN (850 MM)..... | 1.....      | 1 PC. = 1 FT.       |
| 150        | 508480          | PLATFORM, BATTERY SUPPORT               | 1           |                     |
| 180        | 518767          | SWITCH, PARKING BRAKE, 2-POSITION       | 1           |                     |
| 190        | 518769          | CONTACT BLOCK, PARKING BRAKE SW.        | 1           |                     |
| 200        | 519795          | SWITCH, EMERGENCY STOP                  | 1           |                     |
| 220        | 801708          | LAMP, RED                               | 2           |                     |
| 250        | 806526          | BATTERY SUPPORT BRACKET                 | 1           |                     |
| 260        | 806569          | BATTERY CABLE (NEG.) 36 IN. (920 MM)    | 1           |                     |
| 270        | 806570          | BATTERY CABLE (POS.) 32.5 IN. (827 MM)  | 1           |                     |
| 280        | 806669          | WIRE HARNESS                            | 1           |                     |
| 300        | 806921          | SCREW, 1/4" X 7-1/2" NC GRD. 2          | 2           |                     |
| 380        | 491030          | TIE-WRAP, 2.5X165 MM                    | 14          |                     |
| 400        | 503119          | NUT, NYLOC 3/16"                        | 3           |                     |
| 420        | 517659          | TIE-WRAP, 4.7X370 MM                    | 2           |                     |
| 440        | TK6675734       | PLASTIC RETAINER, CLIP 7.7X385 MM       | 1           |                     |
| 450        | 802378          | RELAY, 12 VDC                           | 1           |                     |
| 460        | 23284-150       | FUSE 15 AMP                             | 1           |                     |
| 470        | 23284-050       | FUSE 5 AMP                              | 1           |                     |
| 480        | EM98066         | HOLDER, FUSE                            | 2           |                     |
| 490        | 31750Z2E803     | RECTIFIER ASSY., REGULATOR 20A          | 1           |                     |
| 500        | 35110ZV5V50     | KEY SET, COMBINATION SWITCH             | 1           |                     |

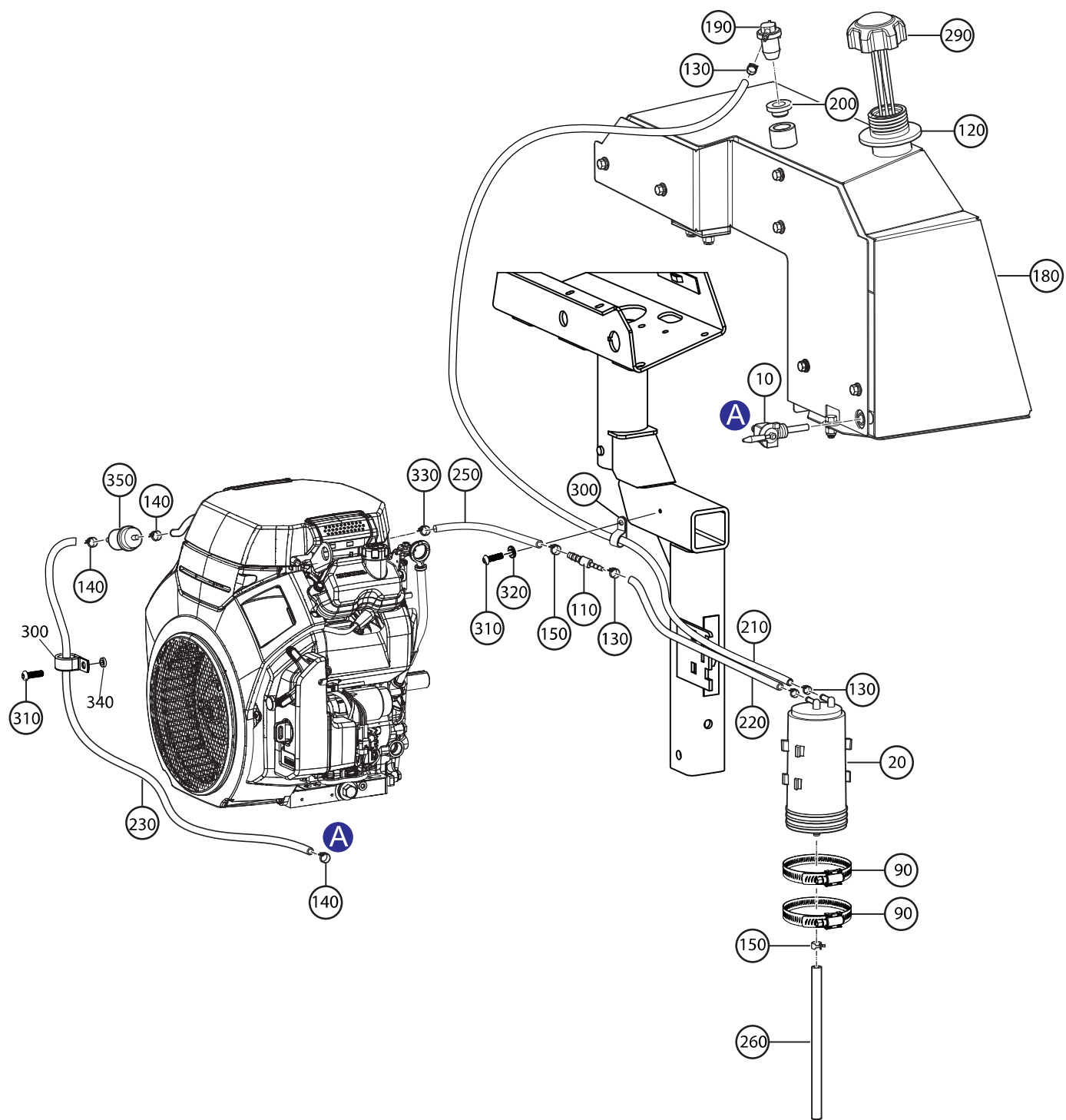
## ENGINE MOUNTING/MUFFLER ASSY.



## ENGINE MOUNTING/MUFFLER ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>              | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|-------------------------------|-------------|---------------------|
| 50         | 492380          | SCREW 3/8" X 2-1/4" NC GRD. 5 | 4           |                     |
| 70         | 1456            | NUT, HEX 3/8" .....           | 4           | REPLACES P/N 492554 |
| 80         | 492595          | WASHER, FLAT 1/4"             | 1           |                     |
| 90         | 3019092         | WASHER, FLAT 3/8" .....       | 8           | REPLACES P/N 492598 |
| 100        | 2101402         | WASHER, LOCK 1/4" DIA. ....   | 1           | REPLACES P/N 492622 |
| 130        | 506196          | 90° ELBOW                     | 1           |                     |
| 140        | 020108060       | NUT, M8 .....                 | 4           | REPLACES P/N 508341 |
| 170        | 513619          | PLUG, OIL DRAIN HOSE          | 1           |                     |
| 210        | 807073          | FITTING, ENGINE OIL DRAIN     | 1           |                     |
| 230        | 802922          | HOSE, OIL DRAIN               | 1           |                     |
| 240        | 806017          | ENGINE, HONDA GX690, 22HP     | 1           |                     |
| 290        | 806801          | COVER, ENGINE WIRE HARNESS    | 1           |                     |
| 310        | 806993          | MUFFLER, KIT                  | 1           |                     |
| 320        | 492302          | SCREW, 5/16"X 1" NC GRD.      | 2           |                     |
| 330        | 492623          | WASHER, LOCK 5/16"            | 2           |                     |
| 340        | EM923057        | WASHER, FLAT 1/4" .....       | 4           | REPLACES P/N 492596 |
| 350        | 492541          | NUT, HEX 5/16" GRD. 2         | 2           |                     |
| 370        | 806887          | SCREW, M6 X 85                | 1           |                     |
| 410        | 492624          | WASHER, LOCK 3/8"             | 4           |                     |

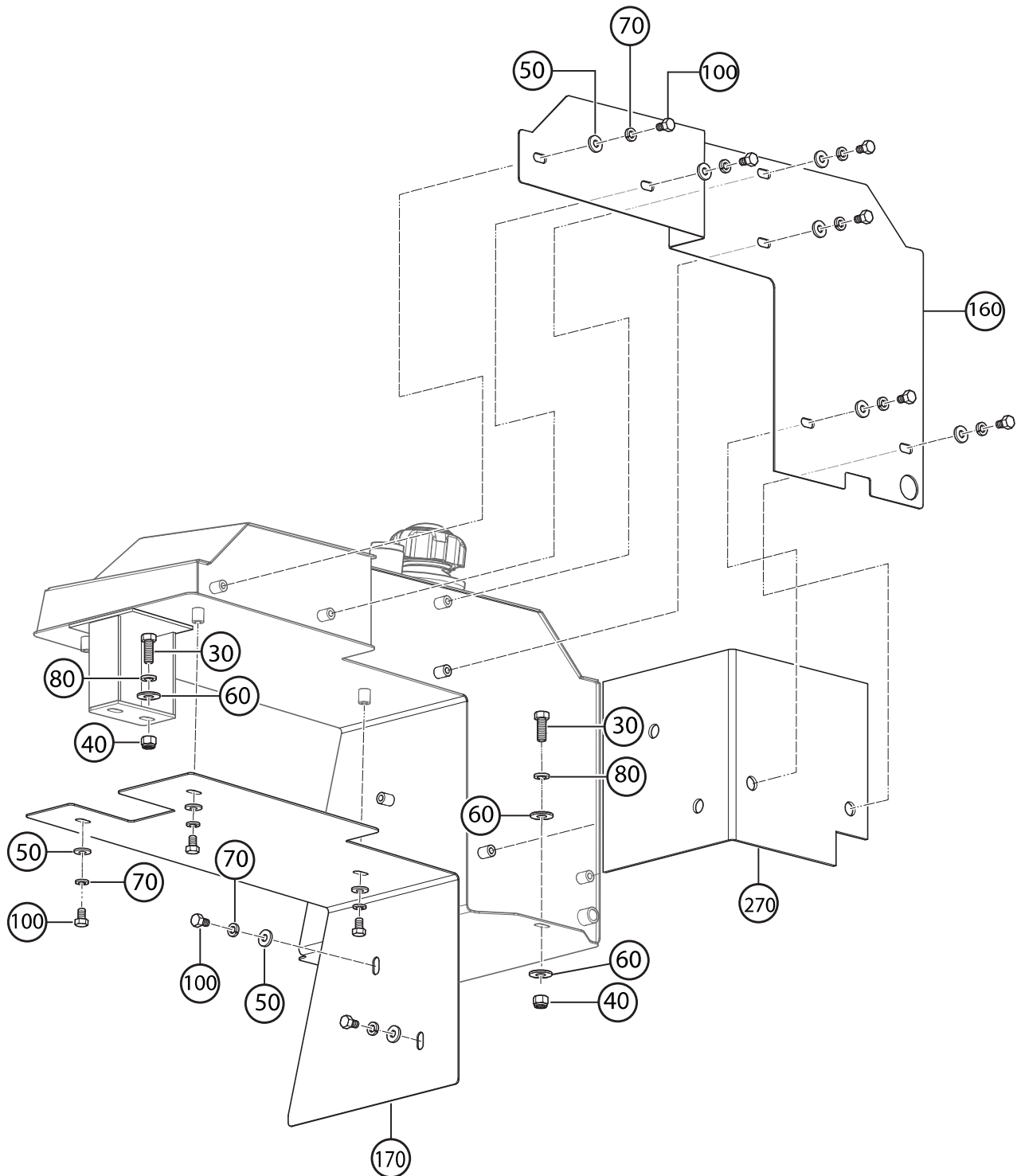
**FUEL TANK ASSY.**



## FUEL TANK ASSY.

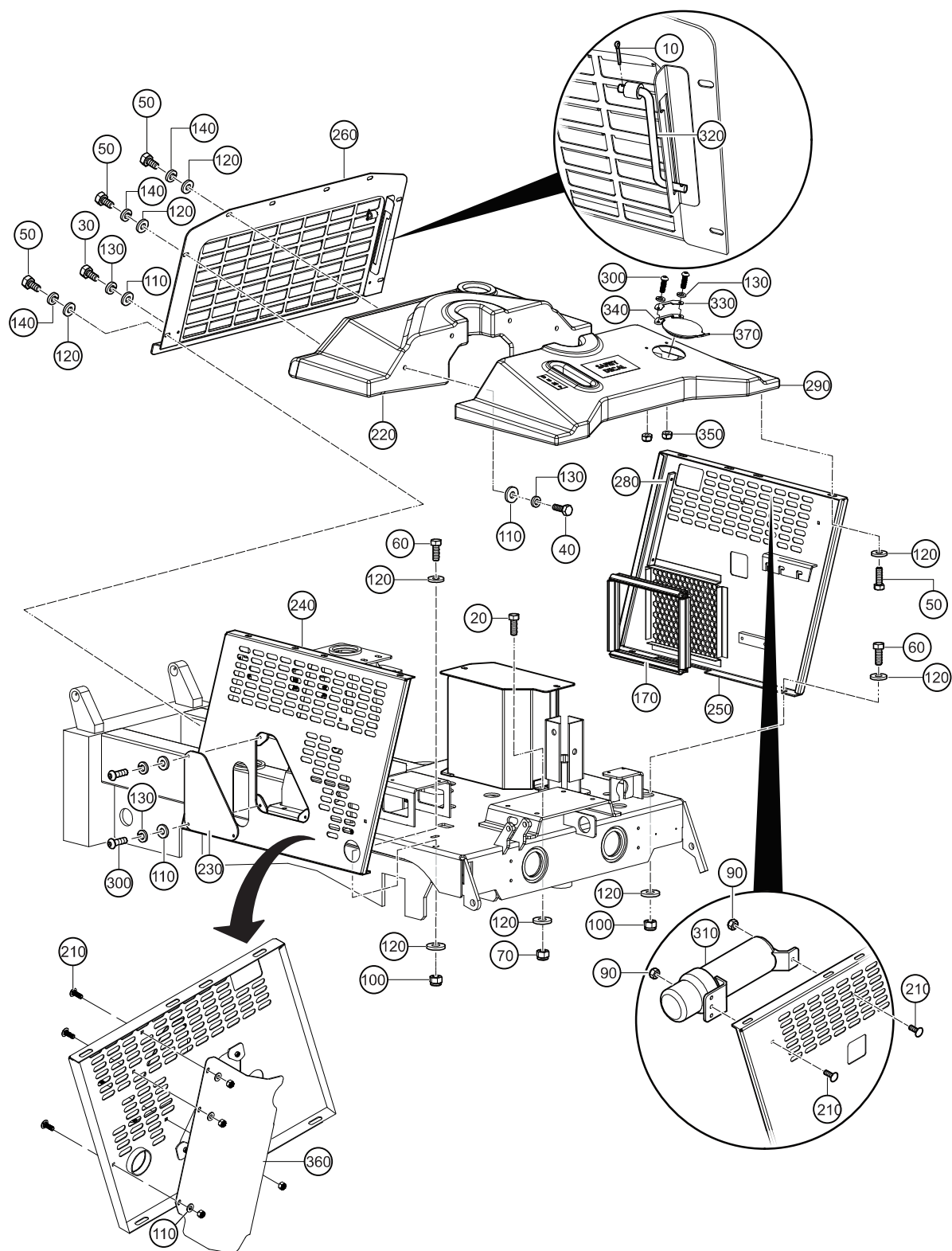
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                       | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------------------|-------------|----------------|
| 10         | 22081           | VALVE, FUEL SHUTOFF 1/4NPT X 1/4" HOSE | 1           |                |
| 20         | 23506           | CANISTER, CARBON 800CC                 | 1           |                |
| 90         | 493108          | CLAMP, CHARCOAL CANISTER               | 2           |                |
| 110        | 800416          | HOSE, REDUCER 5/16" TO 3/16"           | 1           |                |
| 120        | 802006          | SEAL, FUEL TANK                        | 1           |                |
| 130        | 802498          | CLAMP, FUEL HOSE                       | 4           |                |
| 140        | 802574          | CLAMP, FUEL HOSE                       | 3           |                |
| 150        | 802575          | CLAMP, FUEL HOSE                       | 2           |                |
| 180        | 806585          | FUEL TANK                              | 1           |                |
| 190        | EM202772        | VENT VALVE EPA                         | 1           |                |
| 200        | EM203403        | GROMMET, VENT VALVE                    | 1           |                |
| 210        | 520833          | HOSE, FUEL EPA 3/16" 1.6 FT. (.5 M)    | 1           |                |
| 220        | 520833          | HOSE, FUEL EPA 3/16" 9 IN. (.23 M)     | 1           |                |
| 230        | 520611          | HOSE, FUEL EPA 1/4" 4 FT. (1.2 M)      | 1           |                |
| 250        | 520612          | HOSE, FUEL EPA 5/16" 2.75 IN. (.07 M)  | 1           |                |
| 260        | 520612          | HOSE, FUEL EPA 5/16" 8.6 IN. (.22 M)   | 1           |                |
| 290        | 806947          | CAP, FUEL TANK BLK.                    | 1           |                |
| 300        | 801130          | CLAMP                                  | 2           |                |
| 310        | DULT100443      | BOLT, M6 X 20                          | 2           |                |
| 320        | 2102402         | WASHER, LOCK 1/4"                      | 1           |                |
| 330        | 506208          | CLAMP                                  | 1           |                |
| 340        | 807340          | SPACER, PLASTIC                        | 1           |                |
| 350        | 16910Z6L003     | FUEL FILTER, IN-LINE                   | 1           |                |

# FUEL TANK ENCLOSURE ASSY.



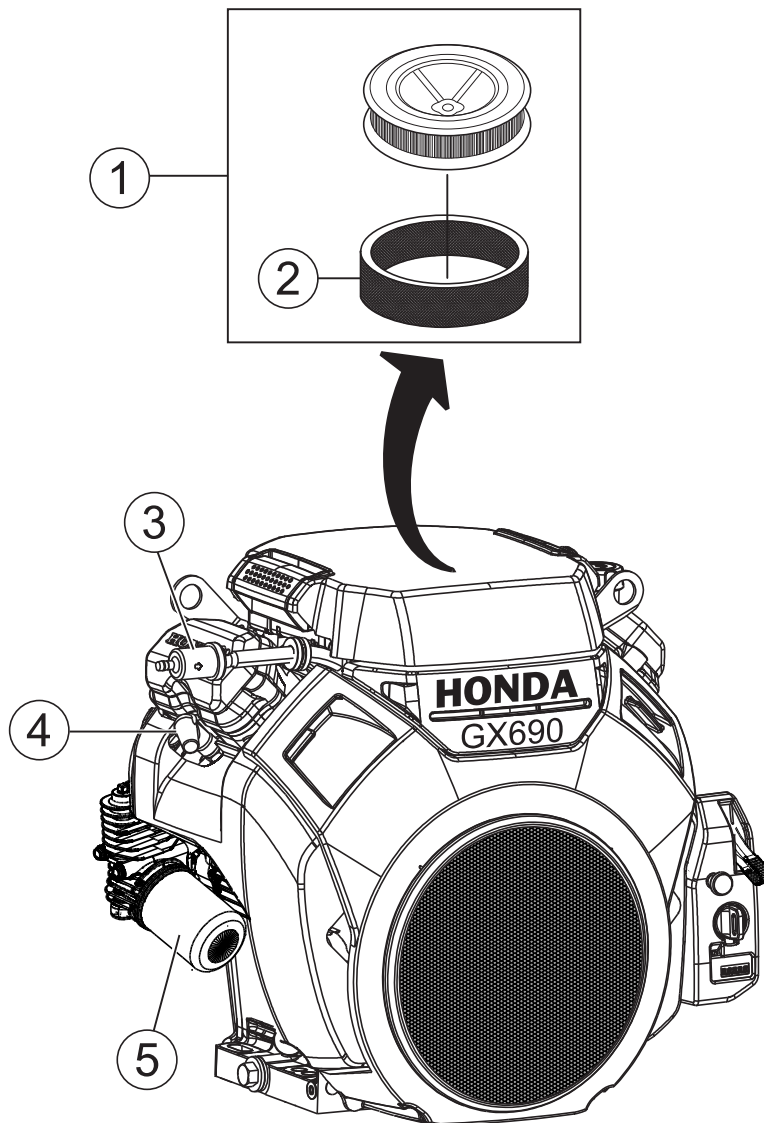
## FUEL TANK ENCLOSURE ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                      | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|---------------------------------------|-------------|---------------------|
| 30         | EM963610        | CAP SCREW 3/8"X1-1/4" NC GRD. 8 ..... | 4.....      | REPLACES P/N 492375 |
| 40         | EM969013        | NUT, NYLOC 3/8"X 1" NC GRD. 5 .....   | 4.....      | REPLACES P/N 492583 |
| 50         | EM923057        | WASHER, FLAT 1/4" .....               | 11.....     | REPLACES P/N 492596 |
| 60         | 3019092         | WASHER, FLAT 3/8" .....               | 4.....      | REPLACES P/N 492598 |
| 70         | EM923343        | WASHER, LOCK 5/16" .....              | 11.....     | REPLACES P/N 492623 |
| 80         | 0166A           | WASHER, LOCK 3/8" .....               | 4.....      | REPLACES P/N 492624 |
| 100        | 492363          | SCREW HHC 5/16-18 X 3/4"              | 11          |                     |
| 160        | 806463          | HEAT SHIELD, SIDE, FUEL TANK          | 1           |                     |
| 170        | 806464          | HEAT SHIELD, BOTTOM, FUEL TANK        | 1           |                     |
| 270        | 806945          | HEAT SHIELD, HYDRAULIC TANK           | 1           |                     |



## PANELS ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                           | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|--------------------------------------------|-------------|---------------------|
| 10         | EM491686        | PIN, COTTER .....                          | 2.....      | REPLACES P/N 491686 |
| 20         | 492311          | SCREW, 3/8" X 1" NC GRD. 2                 | 2           |                     |
| 30         | 1579            | SCREW, HHC 1/4-20 X 1/2" .....             | 2.....      | REPLACES P/N 492355 |
| 40         | 492356          | BOLT, 1/4" X 3/4"                          | 4           |                     |
| 50         | 492363          | BOLT, 5/16" X 3/4" NC GRD 5                | 16          |                     |
| 60         | 0202            | SCREW, HHC 5/16" X 18" X 1" .....          | 5.....      | REPLACES P/N 492364 |
| 70         | 1456            | NUT, HEX 3/8" .....                        | 2.....      | REPLACES P/N 492554 |
| 80         | 492598          | WASHER, FLAT 3/8"                          | 2           |                     |
| 90         | 492581          | NUT, NYLOC 1/4"-20                         | 4           |                     |
| 100        | 2105164         | NUT, NYLOC 5/16"-18 .....                  | 5.....      | REPLACES P/N 492582 |
| 110        | 492595          | WASHER, FLAT 1/4"                          | 13          |                     |
| 120        | 492597          | WASHER, FLAT 3/8"                          | 26          |                     |
| 130        | 2101402         | WASHER, LOCK 1/4" DIA. ....                | 11.....     | REPLACES P/N 492622 |
| 140        | EM923343        | WASHER, LOCK 5/16" .....                   | 8.....      | REPLACES P/N 492623 |
| 150        | 509161          | WASHER, FLAT 5/16"                         | 8           |                     |
| 170        | 520230          | RUBBER SEAL, HEAT EXCH. 3.3 FT. (1 M)..... | 1.....      | 1 PC. = 1 FT.       |
| 210        | 800056          | BOLT, 1/4" UNC X 3/4"                      | 7           |                     |
| 220        | 800845          | COVER, FUEL TANK UPPER                     | 1           |                     |
| 230        | 806437          | ACCESS PANEL, DUMP VALVE                   | 1           |                     |
| 240        | 806451          | PANEL, LEFT-SIDE                           | 1           |                     |
| 250        | 806504          | PANEL, RIGHT-SIDE                          | 1           |                     |
| 260        | 806507          | DOOR, ACCESS                               | 1           |                     |
| 270        | 806529          | BRACKET, HEAT EXCHANGER                    | 1           |                     |
| 280        | 806545          | SUPPORT BRACKET, PANEL                     | 2           |                     |
| 290        | 806625          | COVER, FUEL TANK LOWER                     | 1           |                     |
| 300        | 100443          | BOLT, M6X 20                               | 5           |                     |
| 310        | 23297           | MANUAL HOLDER                              | 1           |                     |
| 320        | 806511          | PANEL, SUPPORT ROD                         | 1           |                     |
| 330        | 803301          | SUPPORT BRACKET                            | 1           |                     |
| 340        | 803300          | SUPPORT HINGE                              | 1           |                     |
| 350        | DULT100078      | NUT, NYLOC M6                              | 2           |                     |
| 360        | 807076          | COVER, MUFFLER                             | 1           |                     |
| 370        | 807051          | OIL ACCESS COVER                           | 1           |                     |



## ENGINE SERVICE PARTS

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| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                   | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|------------------------------------|-------------|---------------------|
| 1          | 17210Z6L010     | ELEMENT AIR CLEANER COMPLETE ..... | 1.....      | INCLUDES ITEMS W/\$ |
| 2\$        | 17218Z6L000     | FILTER, OUTER AIR                  | 1           |                     |
| 3          | 16910Z6L003     | FILTER, IN-LINE FUEL               | 1           |                     |
| 4          | 980795587G      | SPARK PLUG (ZFR5F)                 | 1           |                     |
| 5          | 15400RTA003     | CARTRIDGE, OIL FILTER              | 1           |                     |