



# Parts Manual

Mfg. No: 46562x8A  
Lawn Tractor (1997)





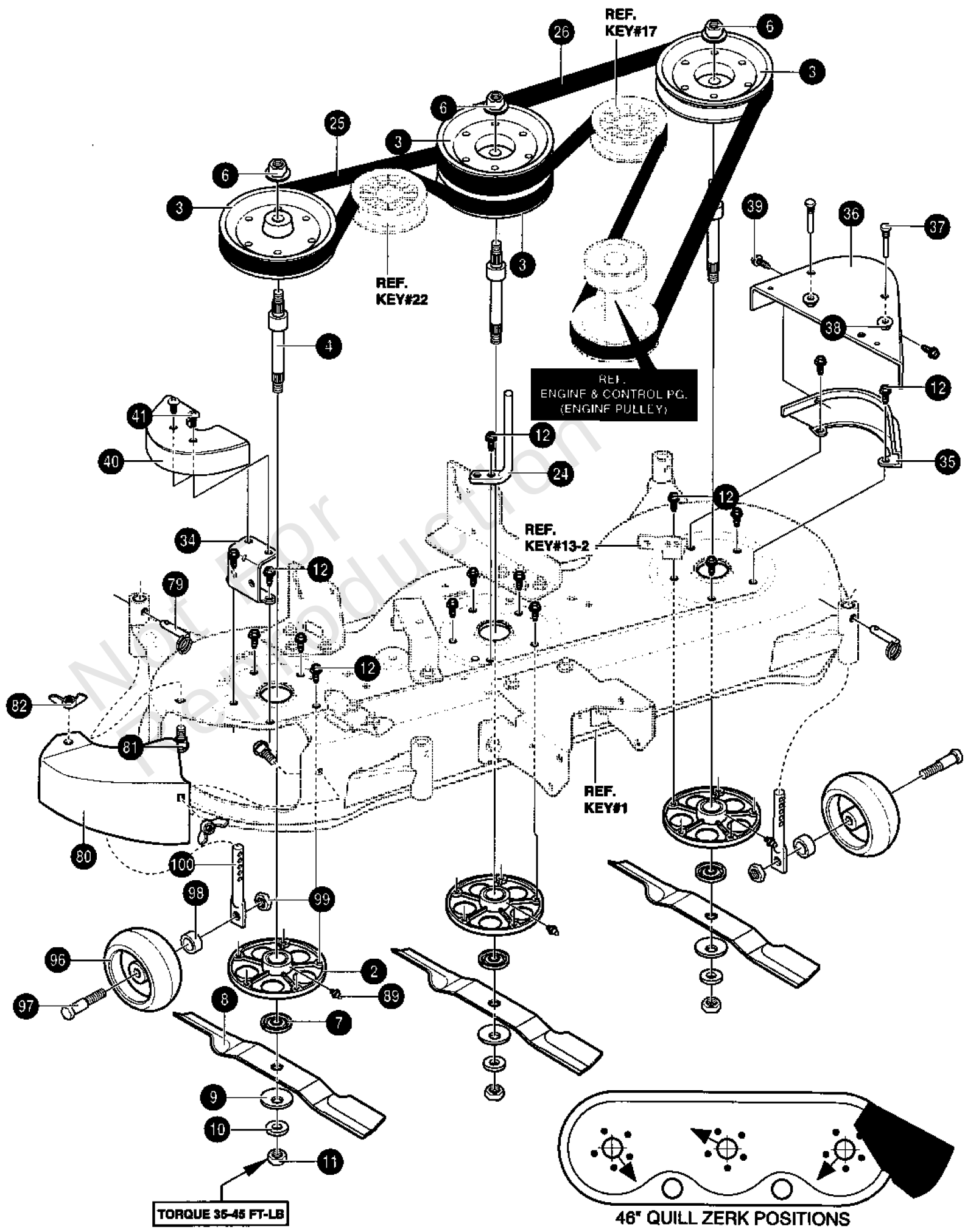
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Blade Drive Assembly

Note: Unless noted otherwise, use the standard torque specifications

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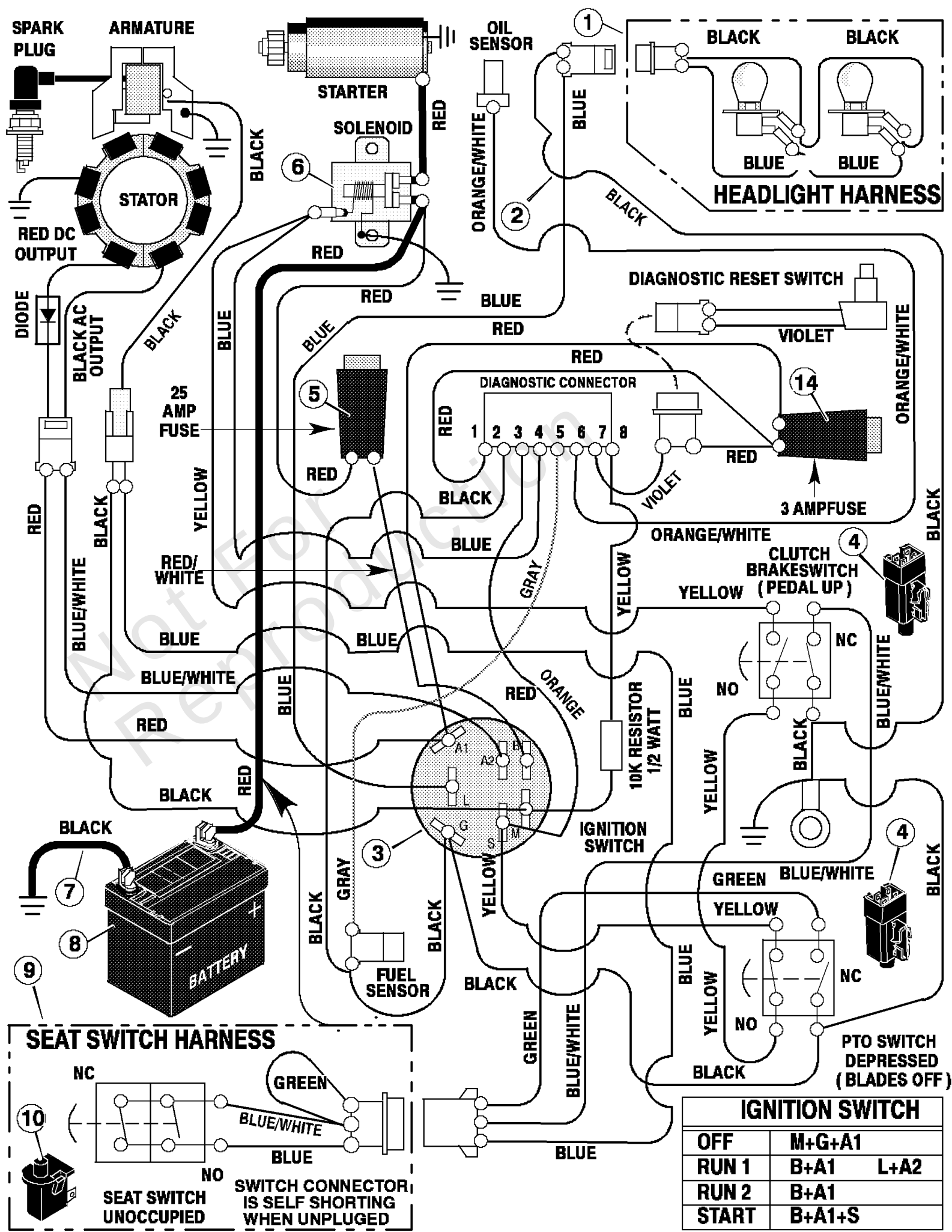
## Blade Drive Assembly

| REF NO | PART NO      | QTY | DESCRIPTION           |
|--------|--------------|-----|-----------------------|
| 2      | 094752       | 3   | JACKSHAFT             |
| 3      | 094592MA     | 4   | PULLEY                |
| 4      | 094502MA     | 3   | SHAFT, JACKSHAFT      |
| 6      | 710191       | 3   | NUT                   |
| 7      | 095416       | 3   | HUB, BLADE ADAPTER    |
| 8      | 056631E701MA | 3   | SINGLE BLADE          |
| 9      | 17X166 Z     | 3   | WASHER                |
| 10     | 17X165MA     | 3   | WASHER                |
| 11     | 15X100 Z     | 3   | NUT                   |
| 12     | 0025X7MA     | 15  | SCREW                 |
| 24     | 92116        | 1   | ROD, BELT GUIDE       |
| 25     | 037X66MA     | 1   | BELT                  |
| 26     | 037X89A      | 1   | BELT                  |
| 34     | 92140E821    | 1   | BRACKET, PULLEY COVER |
| 35     | 94643-821    | 1   | BRACKET, PULLEY COVER |
| 36     | 94605-821    | 1   | PULLEY, COVER         |
| 37     | 093349MA     | 2   | GUIDE SCREW - ZINC    |
| 38     | 015X79MA     | 2   | NUT, 5/16-18          |
| 39     | 26X249MA     | 2   | SCREW                 |
| 40     | 94607-821    | 1   | COVER, RIGHT PULLEY   |
| 41     | 26X250MA     | 2   | SCREW                 |
| 79     | 094584MA     | 4   | PIN, RING             |
| 80     | 056630       | 1   | PLATE, MULCHER        |
| 81     | 002X65       | 2   | SCREW, 5/16-18 x 0.75 |
| 82     | 014X86MA     | 2   | WINGNUT               |
| 89     | 092530MA     | 3   | ZERK, GREASE FITTING  |
| 95     | 711418MA     | 2   | WASHER                |
| 96     | 092265MA     | 4   | WHEEL, GAUGE          |
| 97     | 711479       | 4   | BOLT, 3/8-16          |
| 98     | 325463       | 4   | SPACER                |
| 99     | 41529MA      | 4   | NUT, 3/8-16 HXCTRLKJA |
| 100    | 094671       | 4   | ROD, GAUGE            |

Electrical System (part 1)

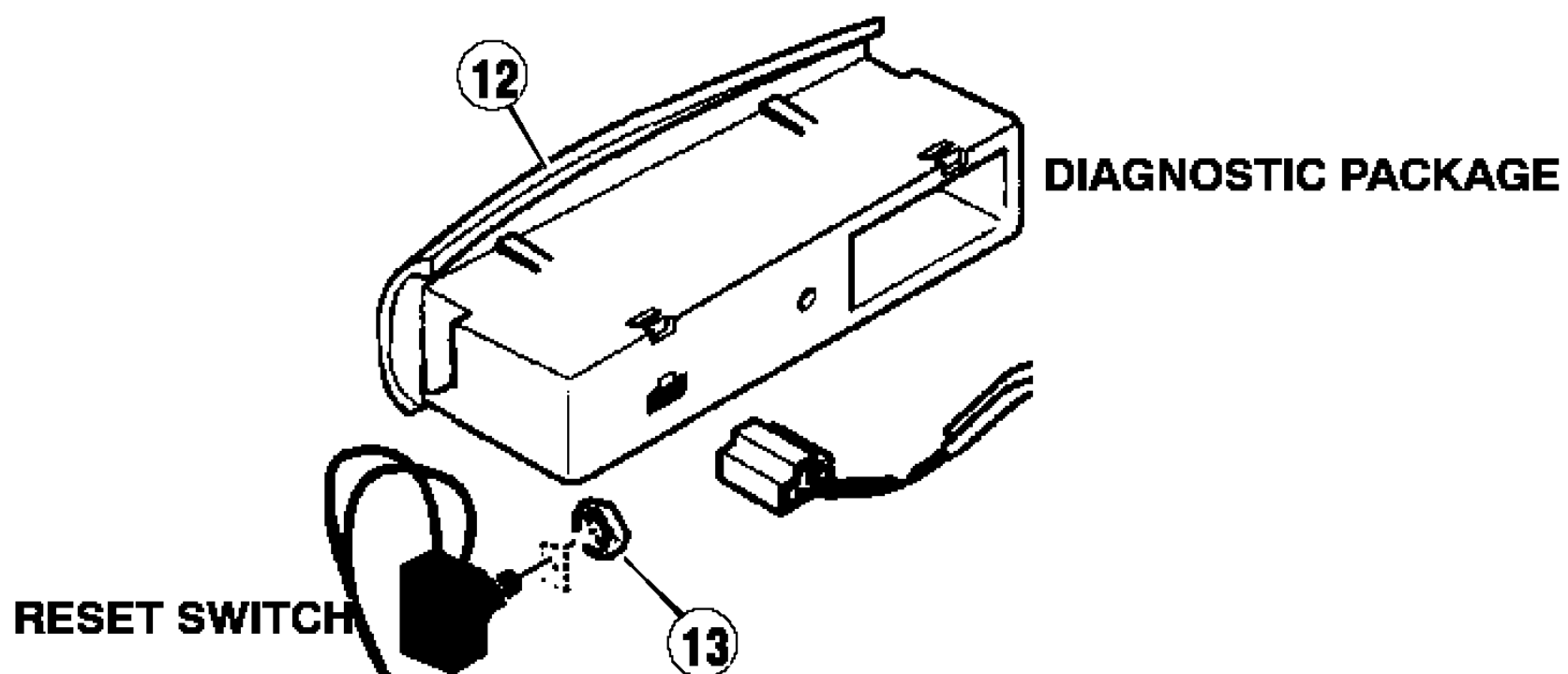
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### ***Electrical System (part 1)***

| REF NO | PART NO  | QTY | DESCRIPTION                                            |
|--------|----------|-----|--------------------------------------------------------|
| 1      | 094780   |     | Harness, Light Wire                                    |
| --     | 092372   |     | Socket, Light                                          |
| --     | 780216   |     | Bulb, Light                                            |
| 2      | 094995   |     | Harness, Chassis Wire                                  |
| 3      | 094762   |     | Switch, Ignition                                       |
| --     | 327350MA |     | Key, Ignition                                          |
| 4      | 094136MA |     | Switch, Limit                                          |
| 5      | 302031MA |     | Fuse, 25 AMP                                           |
| --     | 407078MA |     | Holder, Fuse                                           |
| 6      | 094613   |     | Solenoid                                               |
| --     | 26X229MA |     | Screw, Mounting                                        |
| --     | 15X116MA |     | Locknut                                                |
| 7      | 024X32MA |     | Cable, Battery Ground                                  |
| --     | 26X213MA |     | Screw, Ground Cable                                    |
| 8      | 092691   |     | Battery                                                |
| --     | 093292   |     | Acid, Battery (Electrolyte)                            |
| --     | 002X82MA |     | Bolt, Carriage                                         |
| --     | 014X79MA |     | Wingnut                                                |
| 9      | 094741   |     | Harness, Seat Switch Wire                              |
| 10     | 094159MA |     | Switch, Seat Sensor                                    |
| 14     | -----    |     | Fuse, 3 AMP<br>-(Standard 3 AMP Automotive Type Fuse.) |



## *Electrical System (part 2)*

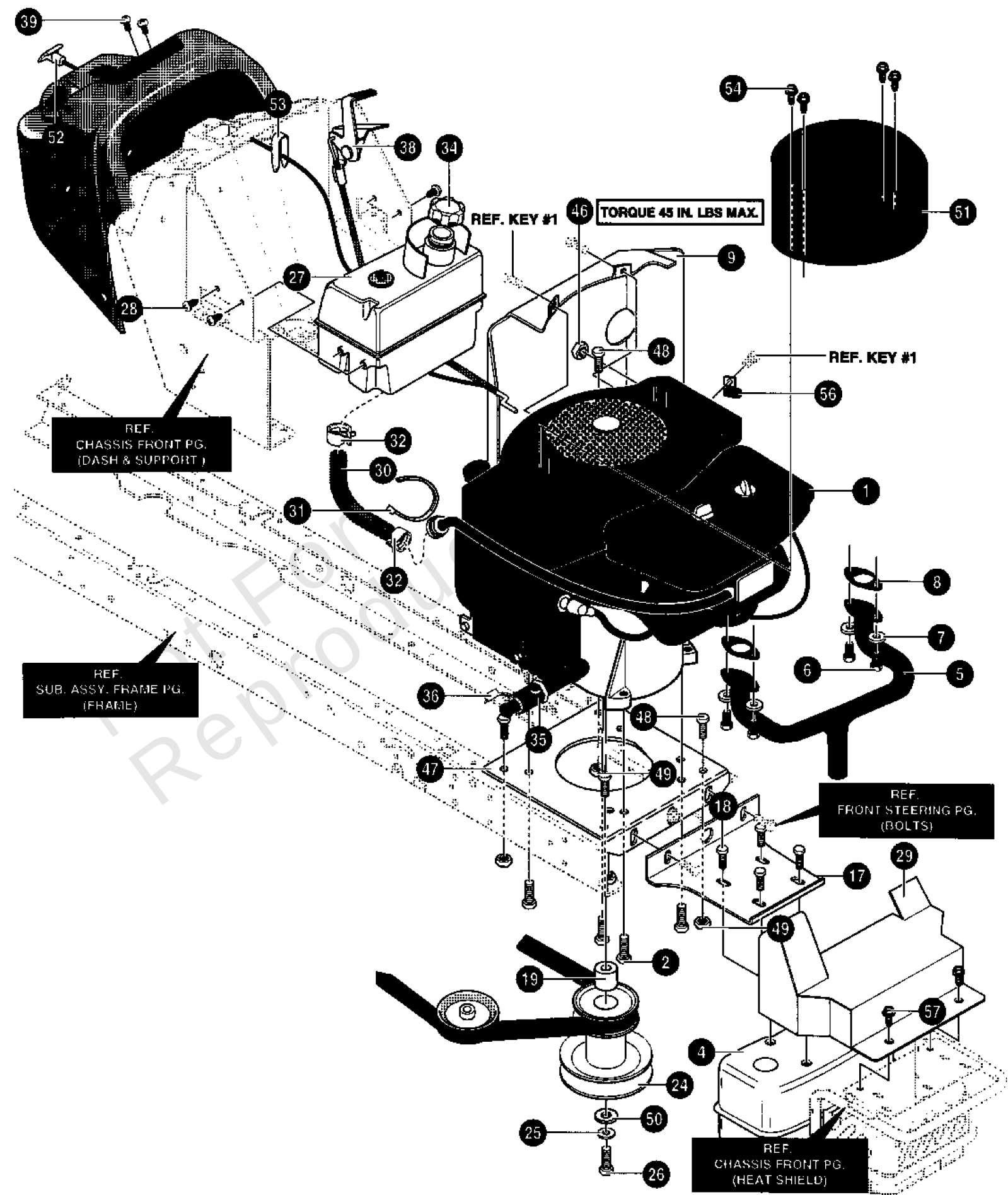
| REF NO | PART NO | QTY | DESCRIPTION        |
|--------|---------|-----|--------------------|
| 12     | 094893  |     | Diagnostic Package |
| 13     | 711376  |     | Nut, Reset Switch  |

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# Engine & Control Assembly

Note: Unless noted otherwise, use the standard torque specifications

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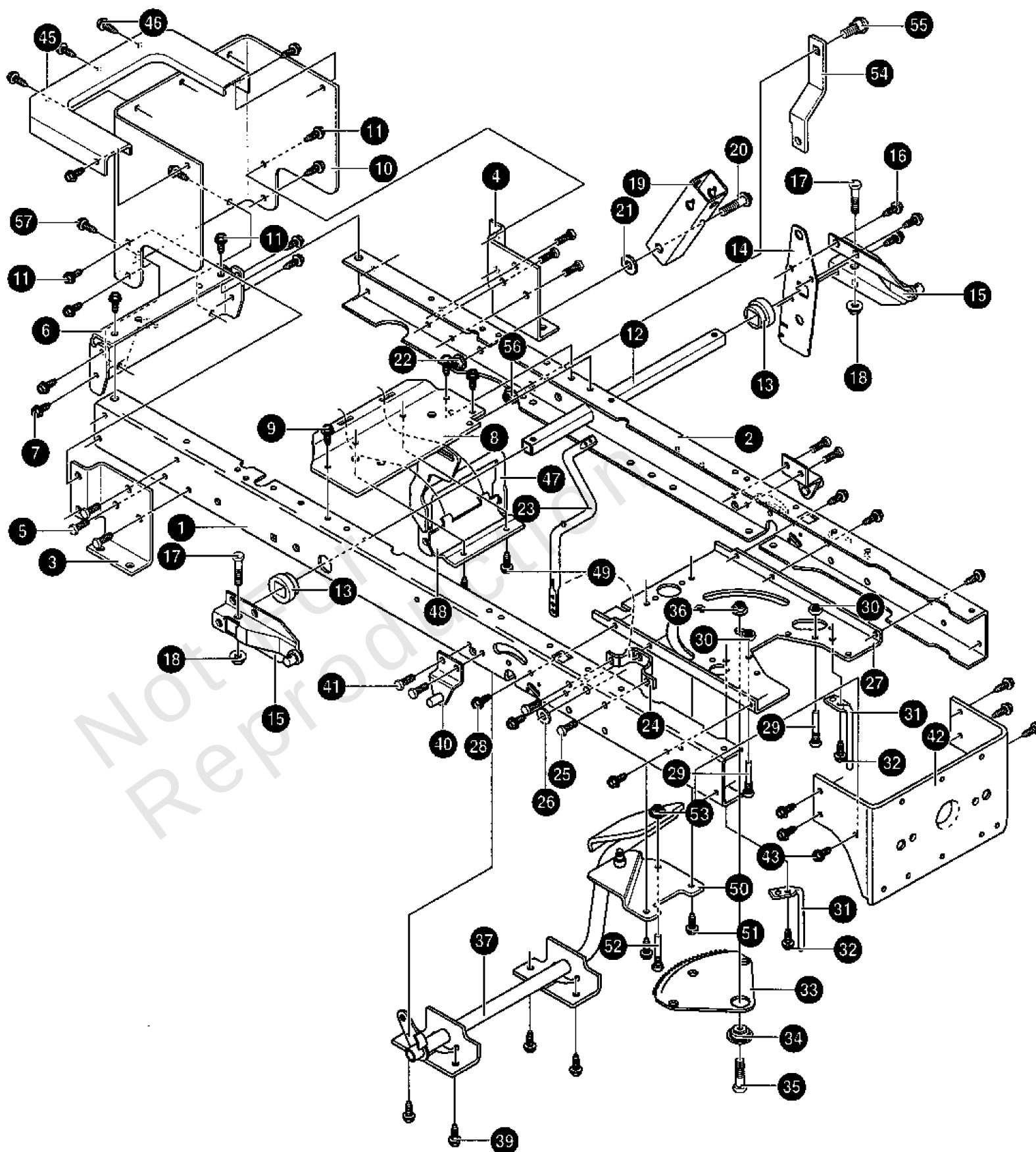
## Engine & Control Assembly

| REF NO | PART NO   | QTY   | DESCRIPTION                                   |
|--------|-----------|-------|-----------------------------------------------|
| 1      | -----     | 1     | ENGINE 15HP BS OHV IC<br>-(See Engine Manual) |
| 2      | 0025X7MA  | 4     | SCREW, 3/8-16 x 1.25                          |
| 4      | 094655MA  | 1     | MUFFLER, SINGLE-CYLINDER                      |
| 5      | 094660    | 1     | EXHAUST MANIFOLD                              |
| 6      | 180020    | 2     | SCREW                                         |
| 7      | 120380    | 2     | WASHER                                        |
| 8      | 692236    | 1     | GASKET, Exhaust                               |
| 9      | 95030E717 | 1     | SHIELD, HEAT                                  |
| 17     | 94307E717 | 1     | BRACKET, MUFFLER MOUNT                        |
| 18     | 0025X2MA  | 4     | SCREW, 1/4-20X.75                             |
| 19     | 093077MA  | 1     | SPACER, SLEEVE                                |
| 24     | 094593    | 1     | PULLEY, STACK ASSY                            |
| 25     | 019X35MA  | 1     | WASHER                                        |
| 26     | 01X140MA  | 1     | SCREW                                         |
| 27     | 094484    | 1     | TANK, FUEL 2.8 GAL.                           |
| 28     | 26X233MA  | 4     | SCREW                                         |
| 29     | 95009E717 | 1     | HEAT SHIELD                                   |
| 30     | 7601033MA | 141N. | Fuel Line (Must cut to length)                |
| 31     | 032618MA  | 1     | CABLE TIE                                     |
| 32     | 091174    | 2     | CLAMP, GAS                                    |
| 34     | 092317MA  | 1     | FUEL CAP                                      |
| 35     | 325547MA  | 1     | OIL DRAIN                                     |
| 36     | 327422    | 1     | CAP, OIL DRAIN                                |
| 38     | 094501    | 1     | THROTTLE CONTROL                              |
| 39     | 26X201MA  | 2     | SCREW, #8-16X.50                              |
| 46     | 15X116MA  | 1     | NUT 1/4-20                                    |
| 47     | 94006E717 | 1     | PLATE, ENGINE                                 |
| 48     | 26X249MA  | 4     | SCREW, 5/16-18 x 0.75                         |
| 49     | 015X88MA  | 4     | NUT, 5/16-18                                  |
| 50     | 17X170MA  | 1     | WASHER.46.97.25 FLAT                          |
| 51     | 95012     | 1     | PLENUM, ENGINE                                |
| 52     | 094500    | 1     | CHOKE CONTROL                                 |
| 53     | 314522    | 1     | CLIP, CHOKE CONTROL                           |
| 54     | 057366MA  | 4     | SCREW 10-16X0.5                               |
| 56     | 57569     | 1     | RETAINER, WIRE                                |
| 57     | 26X229MA  | 2     | SCREW                                         |

## Frame Assembly

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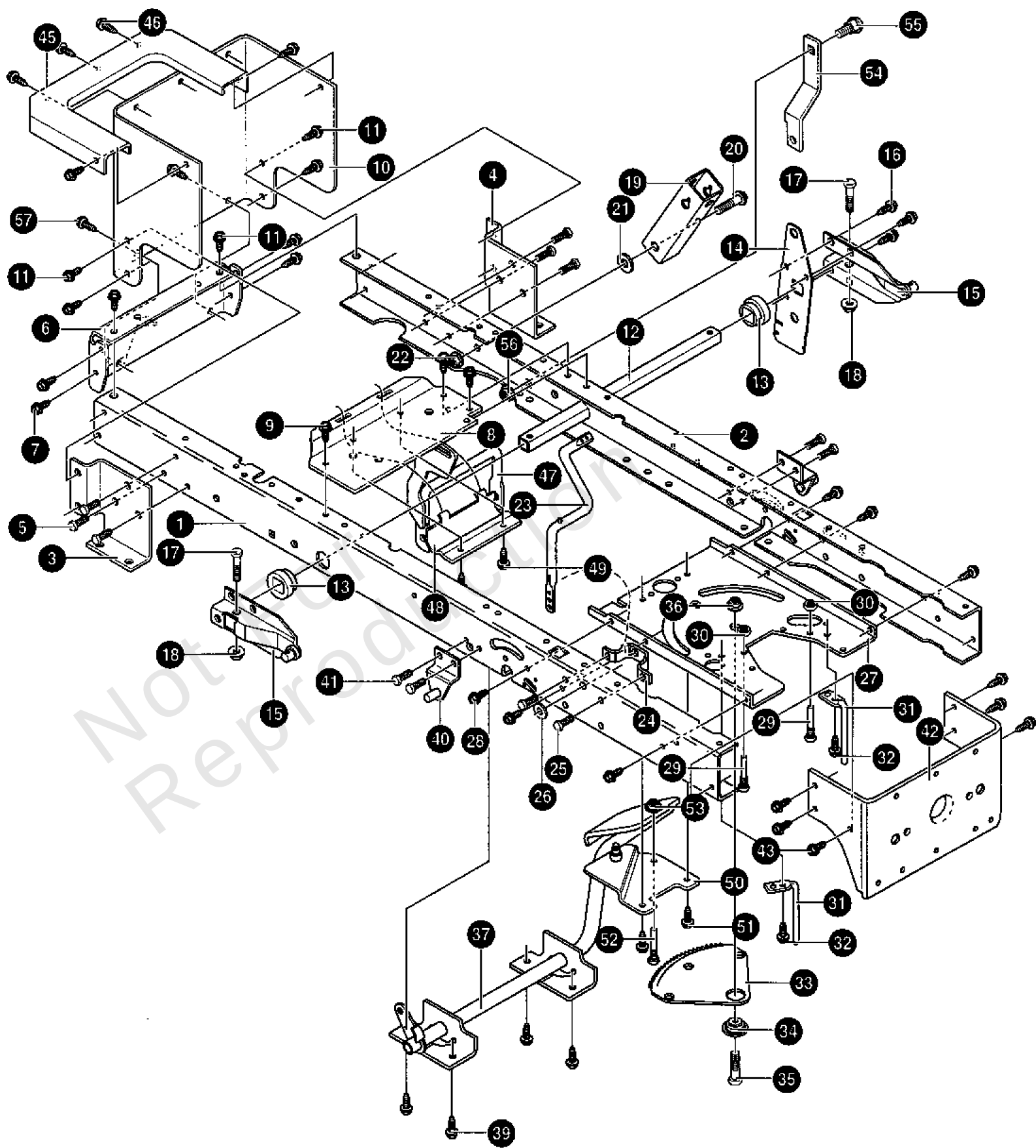
## Frame Assembly

| REF NO | PART NO  | QTY | DESCRIPTION                     |
|--------|----------|-----|---------------------------------|
| 1      | 94000    | 1   | FRAME, RAIL RH                  |
| 2      | 94001    | 1   | FRAME, RAIL LH                  |
| 3      | 94184    | 1   | BRACKET, TRANSAXLE RH           |
| 4      | 94185    | 1   | BRACKET, TRANSAXLE LH           |
| 5      | 26X249MA | 6   | SCREW, 5/16-18 x 0.75           |
| 6      | 94002    | 1   | HITCH PLATE                     |
| 7      | 26X249MA | 4   | SCREW, 5/16-18 x 0.75           |
| 8      | 94031    | 1   | BRACKET, IDLER SUPPORT          |
| 9      | 009X53MA | 3   | SCREW 5/16-18X.75               |
| 10     | 94187    | 1   | PLATE, REAR                     |
| 11     | 26X249MA | 6   | SCREW, 5/16-18 x 0.75           |
| 12     | 94063    | 1   | TUBE, LIFTER                    |
| 13     | 094065MA | 2   | BUSHING, LIFT TUBE              |
| 14     | 94030    | 1   | PLATE-LIFT ARM                  |
| 15     | 94180    | 2   | ASSY LIFT ARM LEVER             |
| 16     | 026X49MA | 3   | SCREW, 5/16-18 x 0.50           |
| 17     | 001X74MA | 2   | SCREW, 5/16-24 x 1.25           |
| 18     | 15X118MA | 2   | NUT, 5/16-24                    |
| 19     | 094015   | 1   | BRACKET, PIVOT                  |
| 20     | 009X53MA | 1   | BOLT                            |
| 21     | 017X91MA | 1   | FLATWASHER                      |
| 22     | 015X84MA | 1   | NUT, 3/8-16                     |
| 23     | 94019    | 1   | CRANK, PTO (DRILLED)            |
| 24     | 94005    | 1   | BRACKET, BELLCRANK              |
| 25     | 26X249MA | 2   | SCREW, 5/16-18 x 0.75           |
| 26     | 017X57MA | 1   | FLATWASHER                      |
| 27     | 94003    | 1   | PLATE, STEERING MOUNT           |
| 28     | 26X249MA | 6   | SCREW, 5/16-18 x 0.75           |
| 29     | 093349MA | 2   | GUIDE SCREW - ZINC              |
| 30     | 015X79MA | 2   | NUT, 5/16-18                    |
| 31     | 91797    | 2   | ROD, BELT GUIDE                 |
| 32     | 0025X7MA | 2   | SCREW                           |
| 33     | 094121MA | 1   | SECTOR GEAR                     |
| 34     | 094123MA | 1   | BEARING, SECTOR GEAR            |
| 35     | 001X84MA | 1   | CAPSCREW, Hex Head, 5/16-18 x 1 |
| 36     | 15X183   | 1   | NUT, 5/16-8                     |
| 37     | 94632    | 1   | ASSEMBLY, BRAKE LEVER           |
| 39     | 26X249MA | 4   | SCREW, 5/16-18 x 0.75           |
| 40     | 94285    | 2   | BRACKET, SUSPENSION             |
| 41     | 26X249MA | 2   | SCREW, 5/16-18 x 0.75           |
| 42     | 94013    | 1   | BRACKET, HANGER REAR            |
| 43     | 26X249MA | 6   | SCREW, 5/16-18 x 0.75           |
| 45     | 94186    | 1   | TOP, REAR PLATE                 |
| 46     | 26X270   | 5   | SCREW 10-24X.5                  |
| 47     | 94791    | 1   | YOKE ASSY                       |
| 48     | 94434    | 1   | CLAMP, TRUNNION PIVOT           |
| 49     | 26X249MA | 2   | SCREW, 5/16-18X.75              |
| 50     | 94409    | 1   | ASSY, IDLER INTERMEDIATE        |
| 51     | 26X277MA | 2   | BOLT, 5/16-18X0.5               |
| 52     | 093349MA | 1   | GUIDE SCREW - ZINC              |
| 53     | 015X79MA | 1   | NUT, 5/16-18                    |

# Frame Assembly

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## Frame Assembly

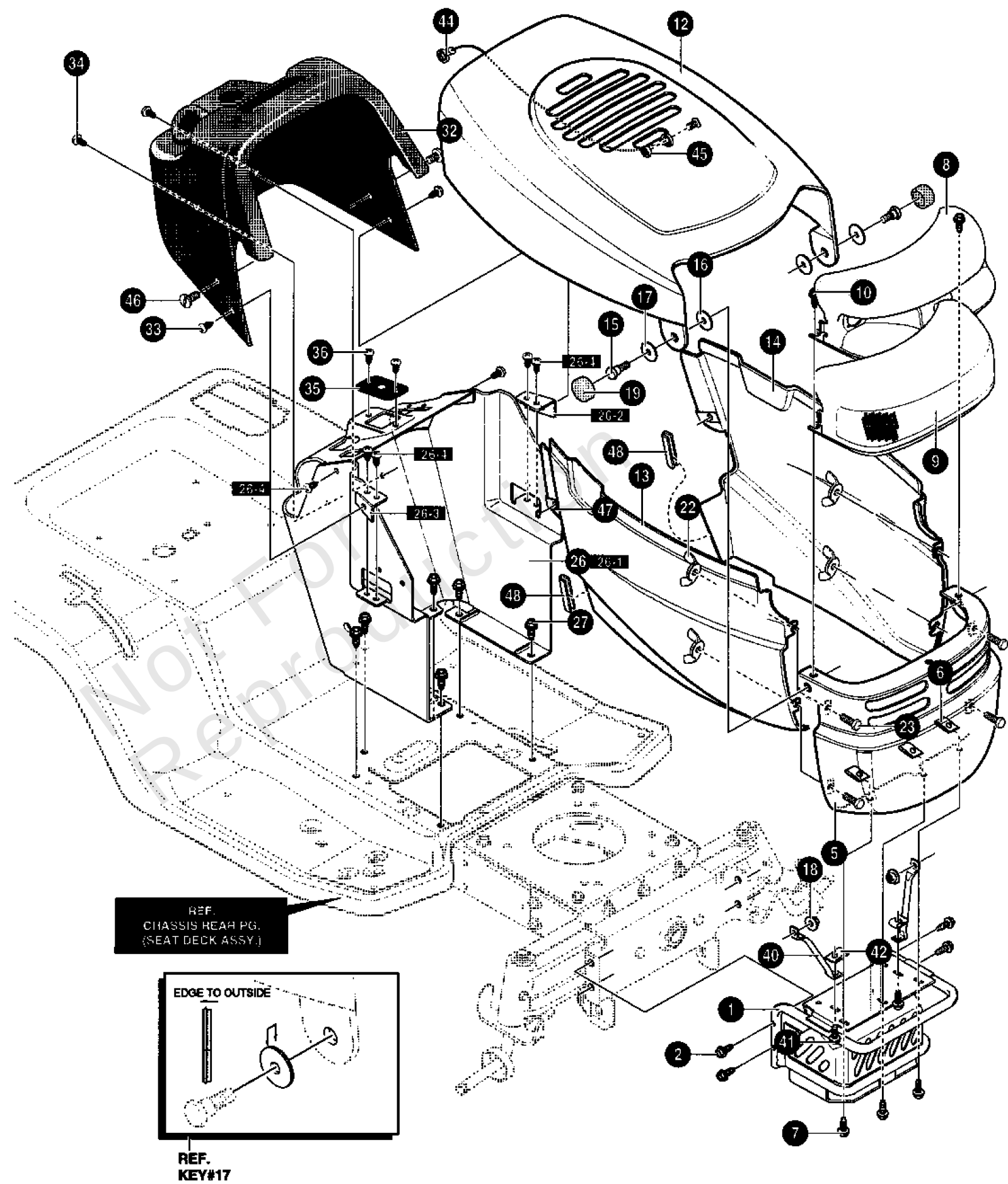
| REF NO | PART NO      | QTY | DESCRIPTION               |
|--------|--------------|-----|---------------------------|
| 54     | 094433E701MA | 1   | BRACKET, Torque Strap, LH |
| 55     | 002X53MA     | 1   | BOLT, 5/16-18X0.63        |
| 56     | 015X88MA     | 1   | NUT, 5/16-18              |
| 57     | 26X249MA     | 2   | SCREW                     |

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Front Chassis Assembly

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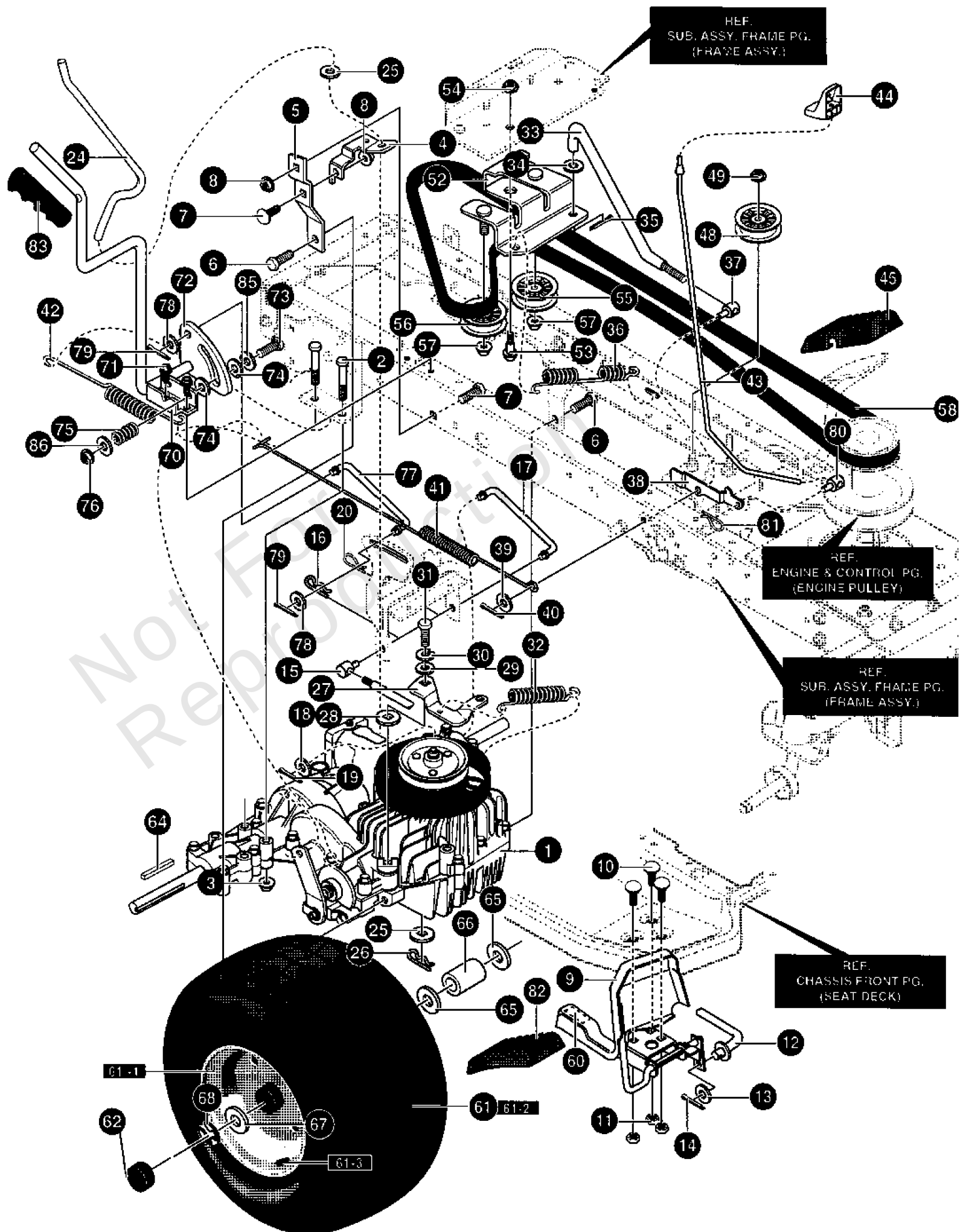
## Front Chassis Assembly

| REF NO | PART NO    | QTY | DESCRIPTION               |
|--------|------------|-----|---------------------------|
| 1      | 94529E717  | 1   | BUMP/GRIL MNT             |
| 2      | 711345     | 4   | SCREW 5/16-18X1.38        |
| 5      | 94455E122  | 1   | GRILLE                    |
| 6      | 028X33MA   | 3   | NUT, "J" TINNERMAN        |
| 7      | 26X263MA   | 3   | SCREW.25-20 S-T           |
| 8      | 94460      | 1   | REFLECTOR                 |
| 9      | 94459      | 1   | LENS                      |
| 10     | 26X238MA   | 2   | SCREW, 1/4-14X.50         |
| 12     | 094524E122 | 1   | ASSEMBLY, HOOD            |
| 13     | 94458E122  | 1   | PANEL, SIDE RH            |
| 14     | 94457E122  | 1   | PANEL, SIDE LH            |
| 15     | 009X49MA   | 2   | BOLT                      |
| 16     | 710067     | 2   | WASHER, PLASTIC           |
| 17     | 094472     | 2   | PIVOT BASE                |
| 18     | 015X84MA   | 2   | NUT, 3/8-16               |
| 19     | 94471MA    | 2   | CAP, PIVOT                |
| 22     | 325232MA   | 4   | NUT, WING 1/4-20          |
| 23     | 001X38MA   | 4   | SCREW 1/4-20X1.25         |
| 26     | 342047E122 | 1   | CONSOLE ASSY              |
| 26-1   | 94462      | 1   | CONSOLE, DASH             |
| 26-2   | 094465     | 1   | BRACKET, LH               |
| 26-3   | 094464     | 1   | BRACKET, RH               |
| 26-4   | 26X270     | 6   | SCREW, 10-24X.5           |
| 27     | 26X249MA   | 6   | SCREW 5/16-18             |
| 32     | 094939     | 1   | DASH                      |
| 33     | 26X270     | 2   | SCREW 10-24X.5            |
| 34     | 26X270     | 2   | SCREW 10-24X.5            |
| 35     | 094075     | 1   | STEERING BEARING          |
| 36     | 26X238MA   | 2   | SCREW, 1/4-14X.5          |
| 40     | 94519E122  | 2   | STRUT, GRILLE             |
| 41     | 26X263MA   | 2   | SCREW.25-20 S-T           |
| 42     | 710979     | 2   | SPEED NUT                 |
| 44     | 643129     | 1   | LANYARD, HOOD             |
| 45     | 15X216     | 1   | NUT, 1/4-20               |
| 46     | 26X238MA   | 2   | SCREW 1/4-20X.63          |
| 47     | 028X33MA   | 2   | NUT, "J" TINNERMAN        |
| 48     | 95077      | 2   | TRIM                      |
| --     | 44X6981    | 1   | DECAL, LEFT HOOD          |
| --     | 44X6982    | 1   | DECAL, RIGHT HOOD         |
| --     | 44X6987    | 2   | DECAL, CONSOLE            |
| --     | 44X6752    | 1   | DECAL, HEIGHT ADJUST      |
| --     | 44X7128    | 1   | DECAL, SHIFTER            |
| --     | 44X7172    | 1   | DECAL, 6 SPEED GEAR DRIVE |
| --     | 44X2585    | 1   | DECAL, WARNING            |
| --     | 44X2107    | 1   | DECAL, GAUGE WHEEL INST   |
| --     | F-97874    | 1   | OWNER'S MANUAL            |
| --     | F-97875    | 1   | PARTS LIST                |

## ***Motion Drive Assembly***

Note: Unless noted otherwise, use the standard torque specifications

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## Motion Drive Assembly

| REF NO | PART NO   | QTY | DESCRIPTION            |
|--------|-----------|-----|------------------------|
| 1      | -----     | 1   | Transaxle, Peerless ** |
| 2      | 001X53    | 4   | SCREW, 5/16-18 x 2.50  |
| 3      | 015X88MA  | 4   | NUT, 5/16-18           |
| 4      | 94429E717 | 1   | BRACKET, DISCONNECT    |
| 5      | 94432E717 | 1   | TORQUE STRAP           |
| 6      | 26X216MA  | 2   | SCREW, 5/16-18 x 0.75  |
| 7      | 002X53MA  | 2   | BOLT, 5/16-18X.63      |
| 8      | 015X88MA  | 2   | NUT, 5/16-18           |
| 9      | 94422E717 | 1   | ASSEMBLY, PEDAL        |
| 10     | 002X53MA  | 3   | BOLT, 5/16-18X.75      |
| 11     | 015X79MA  | 3   | NUT, 5/16-18           |
| 12     | 094424 Z  | 1   | ROD, PEDAL LINK        |
| 13     | 0031X4MA  | 1   | HAIRPIN                |
| 14     | -----     |     | UNKNOWN                |
| 15     | 092132MA  | 1   | NUT, Adjusting, 1/2-13 |
| 16     | 0031X4MA  | 1   | PIN, HAIR              |
| 17     | 094426 Z  | 1   | ROD HYDRO LINK         |
| 18     | 017X91MA  | 1   | WASHER, FLAT           |
| 19     | 030X20MA  | 1   | PIN, COTTER            |
| 20     | 0031X4MA  | 1   | PIN, HAIR              |
| 24     | 94428     | 1   | ROD HYRO LINK          |
| 25     | 017X47MA  | 2   | Washer                 |
| 26     | 030X20MA  | 1   | PIN, COTTER            |
| 27     | 94430     | 1   | ARM DISCONNECT         |
| 28     | 17X148MA  | 1   | WASHER                 |
| 29     | 17X180MA  | 1   | WASHER, FLAT           |
| 30     | 018X32MA  | 1   | WASHER                 |
| 31     | 01X145MA  | 1   | SCREW 1/4-28X.75       |
| 32     | 165X112MA | 1   | SPRING, EXTENSION      |
| 33     | 94417     | 1   | ROD, CLUTCH            |
| 34     | 017X47MA  | 1   | Washer                 |
| 35     | 030X20MA  | 1   | PIN, COTTER            |
| 36     | 165X123   | 1   | SPRING, CLUTCH         |
| 37     | 094815ZMA | 1   | NUT-ADJUSTING          |
| 38     | 94045     | 1   | LATCH, PARK BRAKE      |
| 39     | 17X169MA  | 1   | WASHER, FLAT           |
| 40     | 030X20MA  | 1   | PIN, COTTER            |
| 41     | 165X115MA | 1   | SPRING, EXTENSION      |
| 42     | 165X92MA  | 1   | SPRING, TENSION        |
| 43     | 342250    | 1   | ROD, PARKING BRAKE     |
| 44     | 094485    | 1   | KNOB, PARKING BRAKE    |
| 45     | 094630    | 1   | PAD, CLUTCH/BRAKE      |
| 48     | 091179MA  | 1   | PULLEY, IDLER          |
| 49     | 015X84MA  | 1   | NUT, 3/8-16            |
| 52     | 094411 Z  | 1   | BRACKET IDLER          |
| 53     | 009X39MA  | 1   | BOLT 3/8-16            |
| 54     | 015X84MA  | 1   | NUT, 3/8-16            |
| 55     | 091179MA  | 1   | PULLEY, IDLER          |

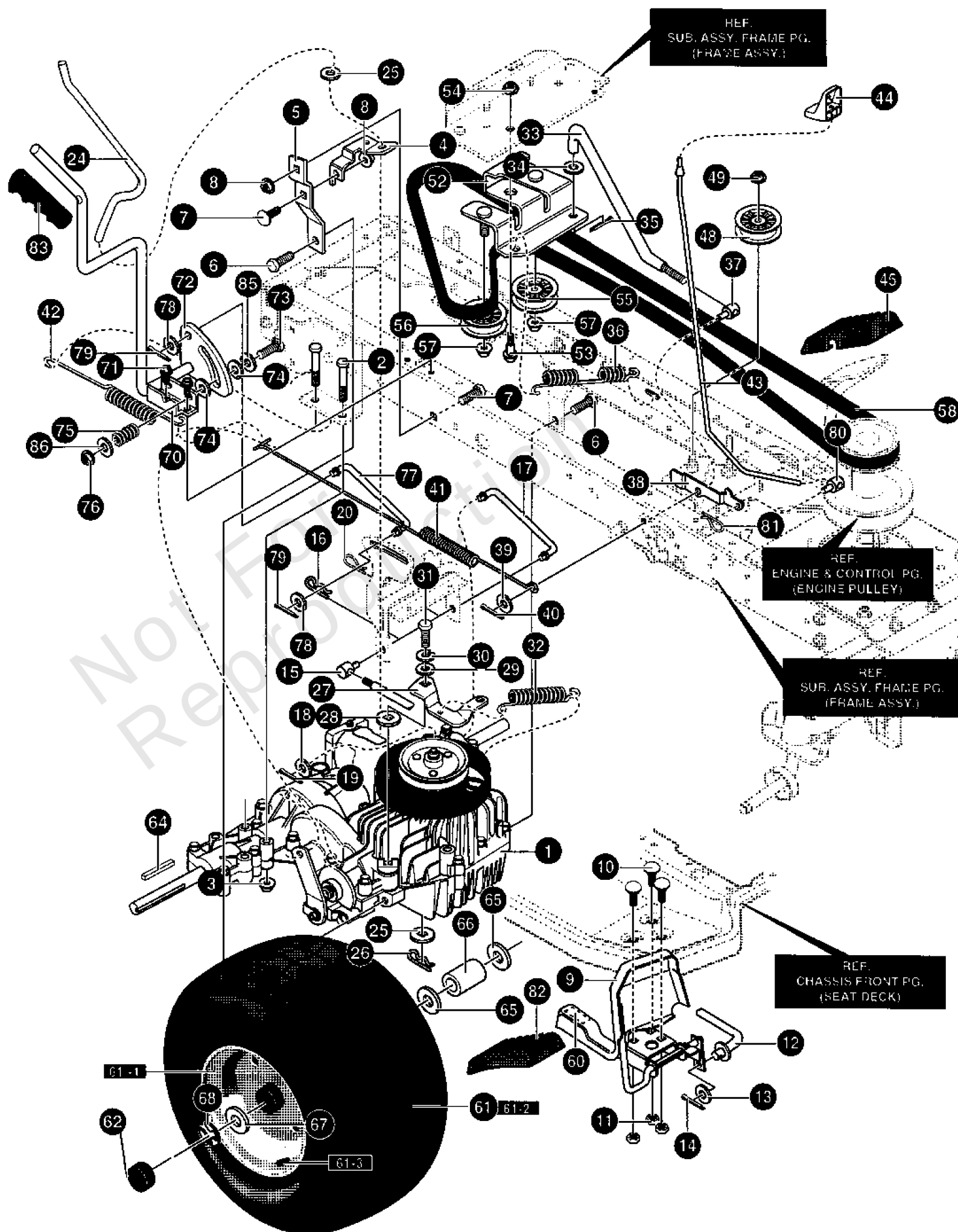
### Footnotes:

Note\*\* Contact your nearest Peerless transaxle dealer for parts and service.

# Motion Drive Assembly

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## Motion Drive Assembly

| REF NO | PART NO   | QTY | DESCRIPTION              |
|--------|-----------|-----|--------------------------|
| 56     | 091178    | 1   | PULLEY, V-IDLER          |
| 57     | 015X84MA  | 2   | NUT, 3/8-16              |
| 58     | 037X61AMA | 1   | MOTION DRIVE             |
| 60     | 093249    | 1   | PAD, TOE                 |
| 61     | 94756-601 | 2   | TIRE & RIM 20X10-8       |
| 61-1   | 338512    | 2   | VALVE STEM               |
| 61-2   | 094509    | 2   | RIM, CARL                |
| 61-3   | 338527    | 2   | TIRE 23X9.5              |
| 62     | 094618MA  | 2   | HUB CAP                  |
| 64     | 52928MA   | 2   | KEY, SQUARE              |
| 65     | 17X170MA  | 4   | WASHER.46.97.25 FLAT     |
| 66     | 87X105    | 2   | SPACER                   |
| 67     | 17X195MA  | 2   | WASHER, FLAT             |
| 68     | 0011X3MA  | 2   | RING, E .750D .050T      |
| 70     | 94793E717 | 1   | BRACKET, HAND CONTROL    |
| 71     | 26X249MA  | 2   | SCREW                    |
| 72     | 094792 Z  | 1   | LEVER HAND CRUISE        |
| 73     | 094797    | 1   | BOLT 5/16-18X.5          |
| 74     | 314944    | 2   | WASHER, FRICTION         |
| 75     | 335689    | 1   | SPRING - COMP            |
| 76     | 015X88MA  | 1   | NUT, 5/16-18             |
| 77     | 094796 Z  | 1   | LINK, CRUISE CONTROL     |
| 78     | 017X47MA  | 2   | Washer                   |
| 79     | 030X20MA  | 2   | PIN, COTTER              |
| 80     | 094487    | 1   | CLEVIS, PARKING BRAKE    |
| 81     | 030X20MA  | 1   | PIN, COTTER              |
| 82     | 094516    | 1   | PAD, SPEED CONTROL PEDAL |
| 83     | 094498    | 1   | GRIP                     |
| 85     | 000845    | 1   | WASHER, FLAT             |
| 86     | 120394    | 1   | WASHER, FLAT             |

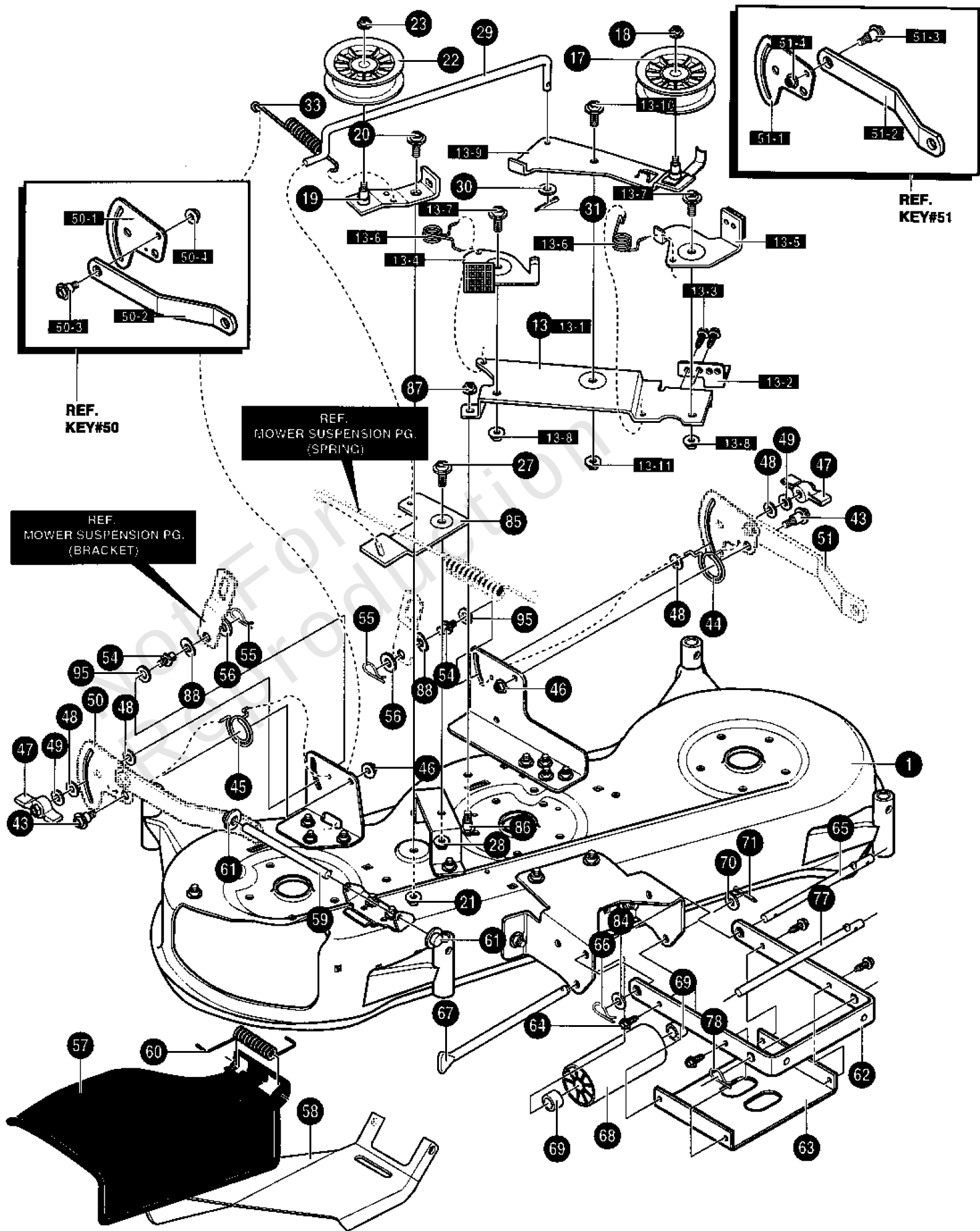
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# Mower Housing Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46562x8A



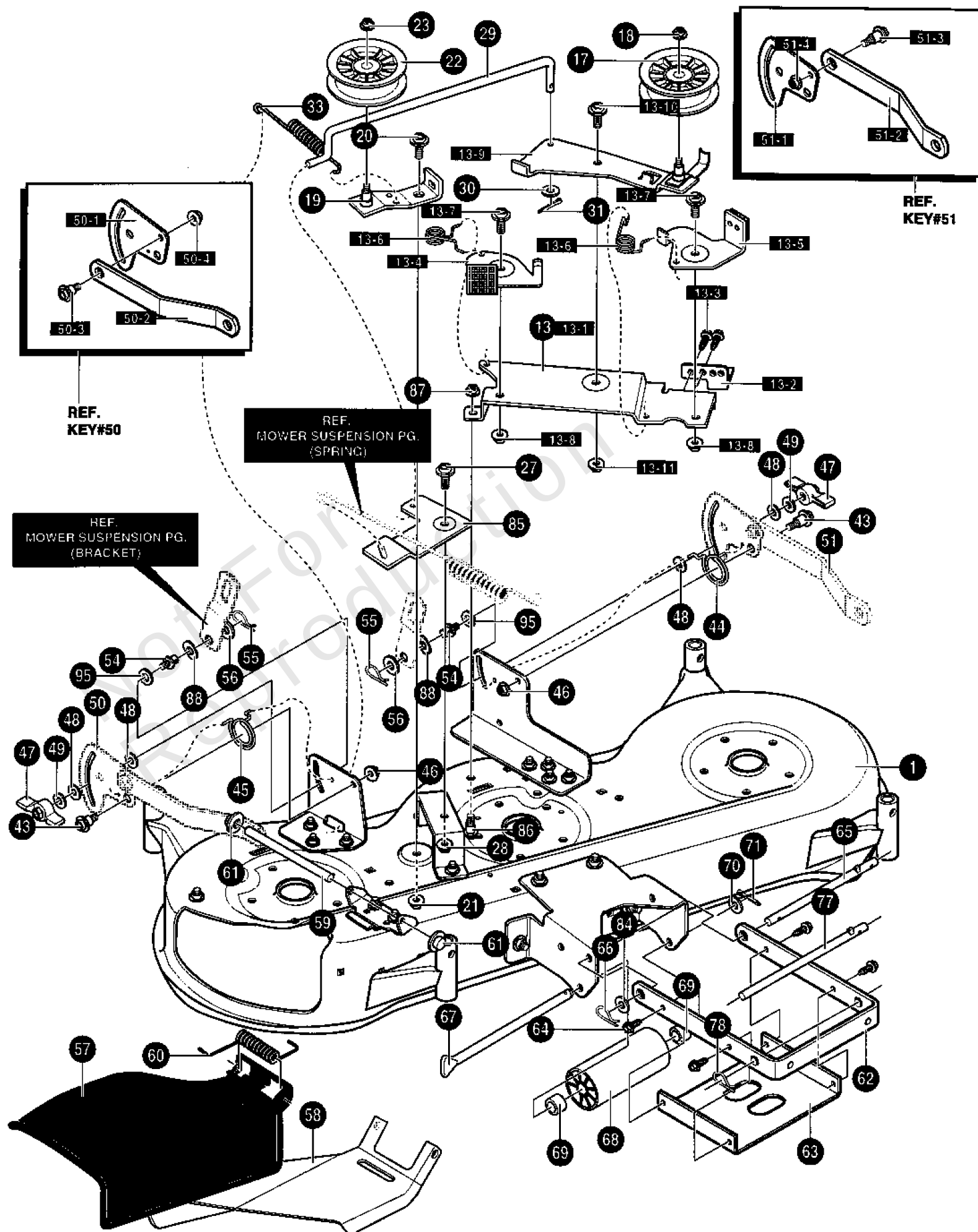
## Mower Housing Assembly

| REF NO | PART NO      | QTY | DESCRIPTION                 |
|--------|--------------|-----|-----------------------------|
| 1      | 341819E717MA | 1   | MOWER DECK                  |
| 13     | 94720E717    | 1   | BRAKE MOUNTING BRACKET      |
| 13-1   | 94596        | 1   | PLATE-BRAKE ARM MTG         |
| 13-2   | 94602        | 1   | BRACKET, BRAKE PLATE        |
| 13-3   | 710079       | 2   | SCREW 5/16-18X.75           |
| 13-4   | 94640        | 1   | ASSY, BRAKE RH              |
| 13-5   | 94641        | 1   | ASSY, BRAKE RH              |
| 13-6   | 166X41MA     | 2   | TORSION SPRING              |
| 13-7   | 009X39MA     | 2   | BOLT, 3/8-16                |
| 13-8   | 015X84MA     | 2   | NUT, 3/8-16                 |
| 13-9   | 94644        | 1   | IDLER ASSEMBLY              |
| 13-10  | 009X39MA     | 1   | BOLT 3/8-16                 |
| 13-11  | 015X84MA     | 1   | NUT 3/8-16                  |
| 17     | 091801       | 1   | PULLEY, IDLER               |
| 18     | 015X84MA     | 1   | NUT, 3/8-16                 |
| 19     | 94639E717    | 1   | ASSY, IDLER ARM RH 46"      |
| 20     | 009X39MA     | 1   | BOLT                        |
| 21     | 015X84MA     | 1   | NUT                         |
| 22     | 091590       | 1   | PULLEY, IDLER               |
| 23     | 015X84MA     | 1   | NUT                         |
| 27     | 009X39MA     | 1   | BOLT                        |
| 28     | 015X84MA     | 1   | NUT 3/8-16                  |
| 29     | 94606        | 1   | LINK, BELLCRANK             |
| 30     | 017X47MA     | 1   | Washer                      |
| 31     | 030X20MA     | 1   | PIN, COTTER                 |
| 33     | 165X79MA     | 1   | SPRING, EXT                 |
| 43     | 009X51MA     | 2   | BOLT-SHD.38-16X.499D        |
| 44     | 166X43MA     | 1   | SPRING, TORSION LH          |
| 45     | 166X42MA     | 1   | SPRING, TORSION RH          |
| 46     | 015X84MA     | 2   | NUT                         |
| 47     | 095004MA     | 2   | WINGNUT 5/16-18             |
| 48     | 094137MA     | 2   | FRICTION PAD                |
| 49     | 017X45MA     | 2   | WASHER,FLAT .33 1. 16       |
| 50     | 341593E717   | 1   | PLATE, REAR SUS. BRKT RH    |
| 50-1   | 94128        | 1   | PLATE, SUSPENSION           |
| 50-2   | 94055        | 1   | SUSPENSION BRKT REAR        |
| 50-3   | 009X52MA     | 1   | BOLT, SHOULDER              |
| 50-4   | 015X84MA     | 1   | NUT                         |
| 51     | 341594E717   | 2   | PLATE, REAR SUS. BRKT. LH   |
| 51-1   | 94128        | 1   | PLATE -SUSPENSION           |
| 51-2   | 94055        | 1   | SUSPENSION BRKT REAR        |
| 51-3   | 009X52MA     | 1   | BOLT, SHOULDER              |
| 51-4   | 015X84MA     | 1   | NUT                         |
| 54     | 094064       | 2   | PIN, HANGER                 |
| 55     | 0031X4MA     | 2   | HAIRPIN                     |
| 56     | 17X103MA     | 2   | FLATWASHER                  |
| 57     | 092100MA     | 1   | DEFLECTORS, 46" DECK CHUTE  |
| 58     | 92103E717    | 1   | DEFLECTORS, INNER CHUTE 46" |
| 59     | 92159        | 1   | ROD, DEFLECTOR              |
| 60     | 166X34MA     | 1   | SPRING, TORS.               |
| 61     | 028X23MA     | 2   | NUT, PUSH CAP               |

# Mower Housing Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46562x8A



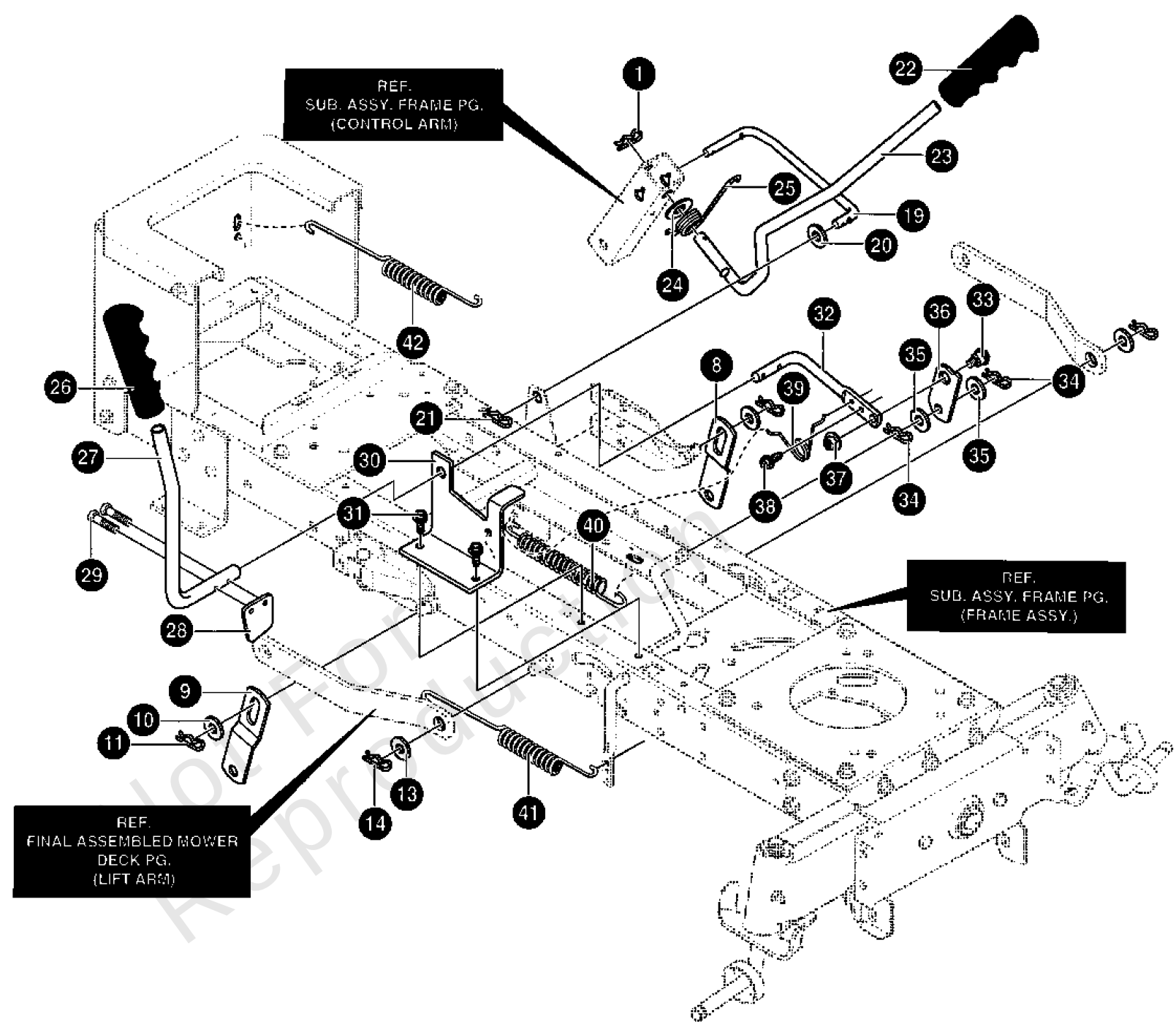
## Mower Housing Assembly

| REF NO | PART NO   | QTY | DESCRIPTION               |
|--------|-----------|-----|---------------------------|
| 62     | 94058E717 | 1   | BRACKET, FRONT SUSPENSION |
| 63     | 94991E717 | 1   | STIFFENER, FRONT HANGER   |
| 64     | 26X249MA  | 4   | SCREW                     |
| 65     | 094996MA  | 1   | ROD, DECK                 |
| 66     | 0031X4MA  | 1   | HAIRPIN                   |
| 67     | 94642     | 1   | ZINC ROD, ROLLER          |
| 68     | 092137MA  | 1   | ROLLER, 6" NOSE 46" DECK  |
| 69     | 091925MA  | 2   | SPACER                    |
| 70     | 17X103MA  | 1   | WASHER, FLAT              |
| 71     | 030X49MA  | 1   | PIN, HAIR                 |
| 77     | 94158     | 1   | ROD, HANGER               |
| 78     | 0031X4MA  | 1   | PIN, HAIR                 |
| 84     | 17X103MA  | 1   | WASHER, FLAT              |
| 85     | 94603E717 | 1   | BELLCRANK 46"             |
| 86     | 002X53MA  | 1   | BOLT, 5/16-18X.63         |
| 87     | 015X88MA  | 1   | NUT, 5/16-18              |
| 88     | 30289MA   | 2   | WASHER, WAVE              |
| 95     | 711418MA  | 2   | WASHER                    |

Mower Suspension Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46562x8A



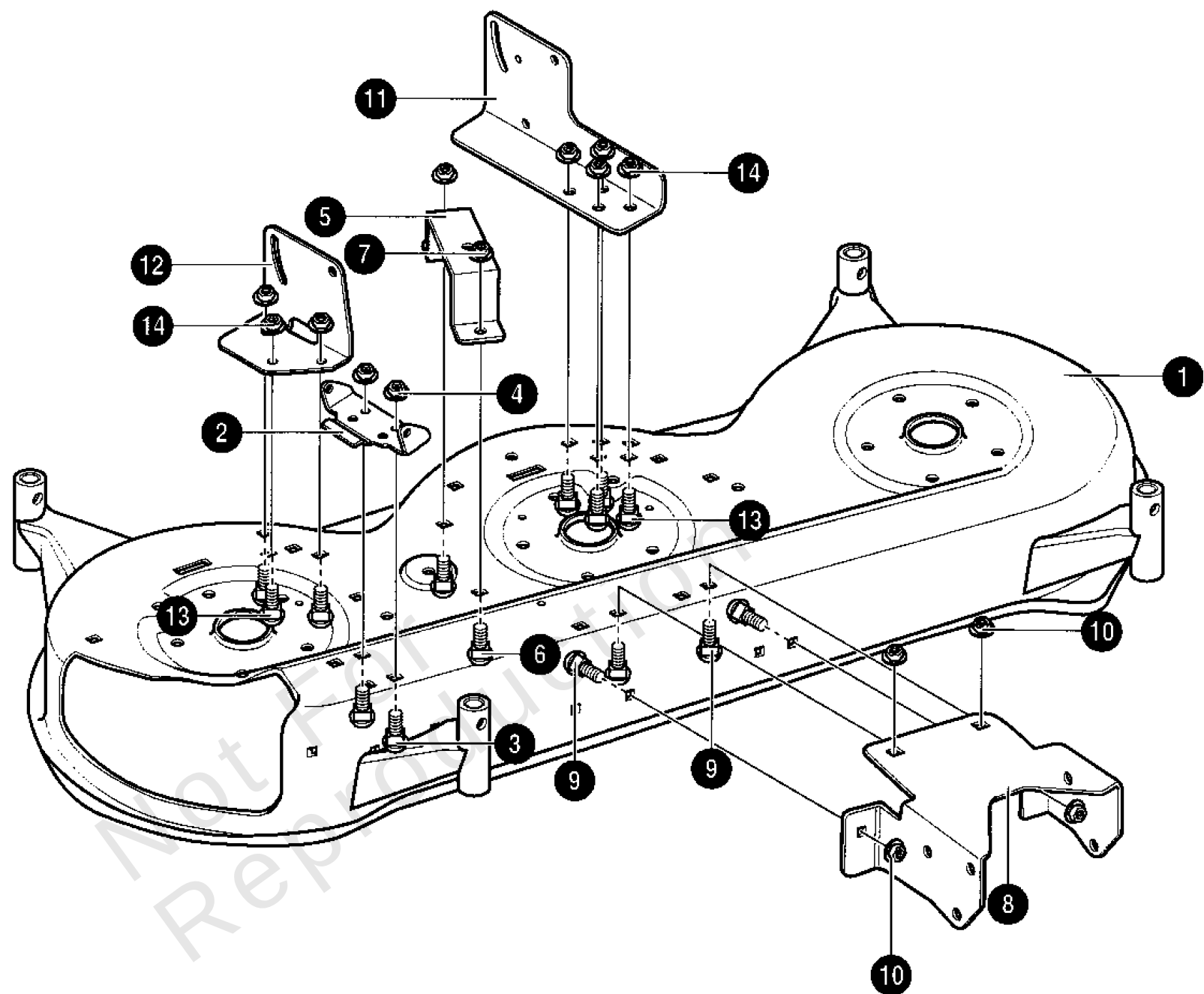
## Mower Suspension Assembly

| REF NO | PART NO     | QTY | DESCRIPTION           |
|--------|-------------|-----|-----------------------|
| 1      | 0031X4MA    | 1   | HAIR PIN              |
| 8      | 94858E717MA | 1   | LINK, LIFT LH         |
| 9      | 94857E717MA | 1   | LINK-LIFT             |
| 10     | 330517MA    | 2   | FLATWASHER            |
| 11     | 0031X4MA    | 2   | PIN, HAIR             |
| 13     | 330517MA    | 2   | WASHER, FLAT          |
| 14     | 0031X4MA    | 2   | PIN, HAIR             |
| 19     | 94028       | 1   | LINK LIFT HANDLE      |
| 20     | 017X91MA    | 1   | WASHER, FLAT          |
| 21     | 0031X4MA    | 1   | PIN, HAIR             |
| 22     | 094497      | 1   | GRIP, LIFT            |
| 23     | 94195       | 1   | HANDLE, LIFT          |
| 24     | 17X103MA    | 1   | WASHER, FLAT          |
| 25     | 165X40      | 1   | TORSION SPRING        |
| 26     | 94496MA     | 1   | Grip, PTO             |
| 27     | 94826       | 1   | PTO LEVER             |
| 28     | 94022       | 1   | PADDLE, SWITCH        |
| 29     | 0025X3MA    | 2   | Screw, Hex            |
| 30     | 94018E717   | 1   | BRACKET, PTO          |
| 31     | 710708      | 2   | BOLT, 5/16-18X.5      |
| 32     | 94017       | 1   | LEVER, PTO            |
| 33     | 009X39MA    | 1   | BOLT, .50X.75         |
| 34     | 36368MA     | 2   | PIN, HAIR             |
| 35     | 017X57MA    | 2   | WASHER, FLAT          |
| 36     | 94004       | 1   | LINK PTO              |
| 37     | 015X84MA    | 1   | NUT, 3/8-16           |
| 38     | 26X249MA    | 1   | SCREW, 5/16-18 x 0.75 |
| 39     | 166X39MA    | 1   | TORSION SPRING        |
| 40     | 165X117MA   | 1   | SPRING, TENSION       |
| 41     | 165X118MA   | 1   | EXTENSION SPRING      |
| 42     | 165X125MA   | 1   | EXTENSION SPRING      |

**Pre-painted Blade Housing Assembly**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46562x8A



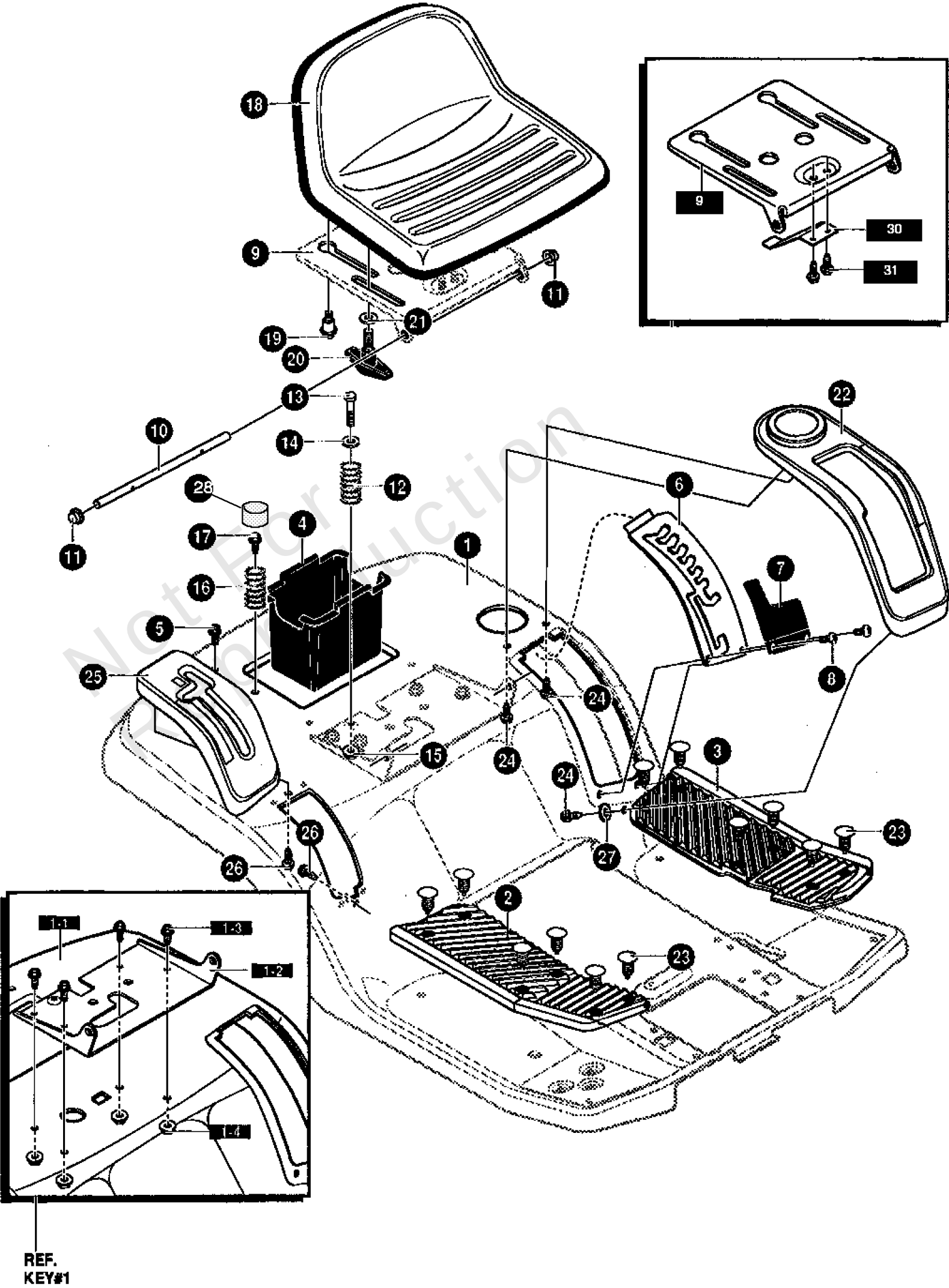
### ***Pre-painted Blade Housing Assembly***

| REF NO | PART NO    | QTY | DESCRIPTION           |
|--------|------------|-----|-----------------------|
| 1      | 710145E717 | 1   | ASSY BLD HSING 42"    |
| 2      | 94104E717  | 1   | HINGE, CHUTE BRACKET  |
| 3      | 002X53MA   | 2   | BOLT, 5/16-18X.63     |
| 4      | 015X88MA   | 2   | NUT, 5/16-18          |
| 5      | 94601      | 1   | BRACKET, BELL CRANK   |
| 6      | 002X53MA   | 2   | BOLT, 5/16-18X.63     |
| 7      | 015X79MA   | 2   | NUT, 5/16-18          |
| 8      | 94997      | 1   | BRACKET, FRONT DECK   |
| 9      | 002X53MA   | 4   | BOLT, 5/16-18X.63     |
| 10     | 015X79MA   | 4   | NUT, 5/16-18          |
| 11     | 94600      | 1   | BRACKET, LEFT LIFTER  |
| 12     | 94598      | 1   | BRACKET, RIGHT LIFTER |
| 13     | 002X53MA   | 4   | BOLT, 5/16-18X.63     |
| 14     | 015X79MA   | 4   | NUT, 5/16-18          |

Rear Chassis Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46562x8A



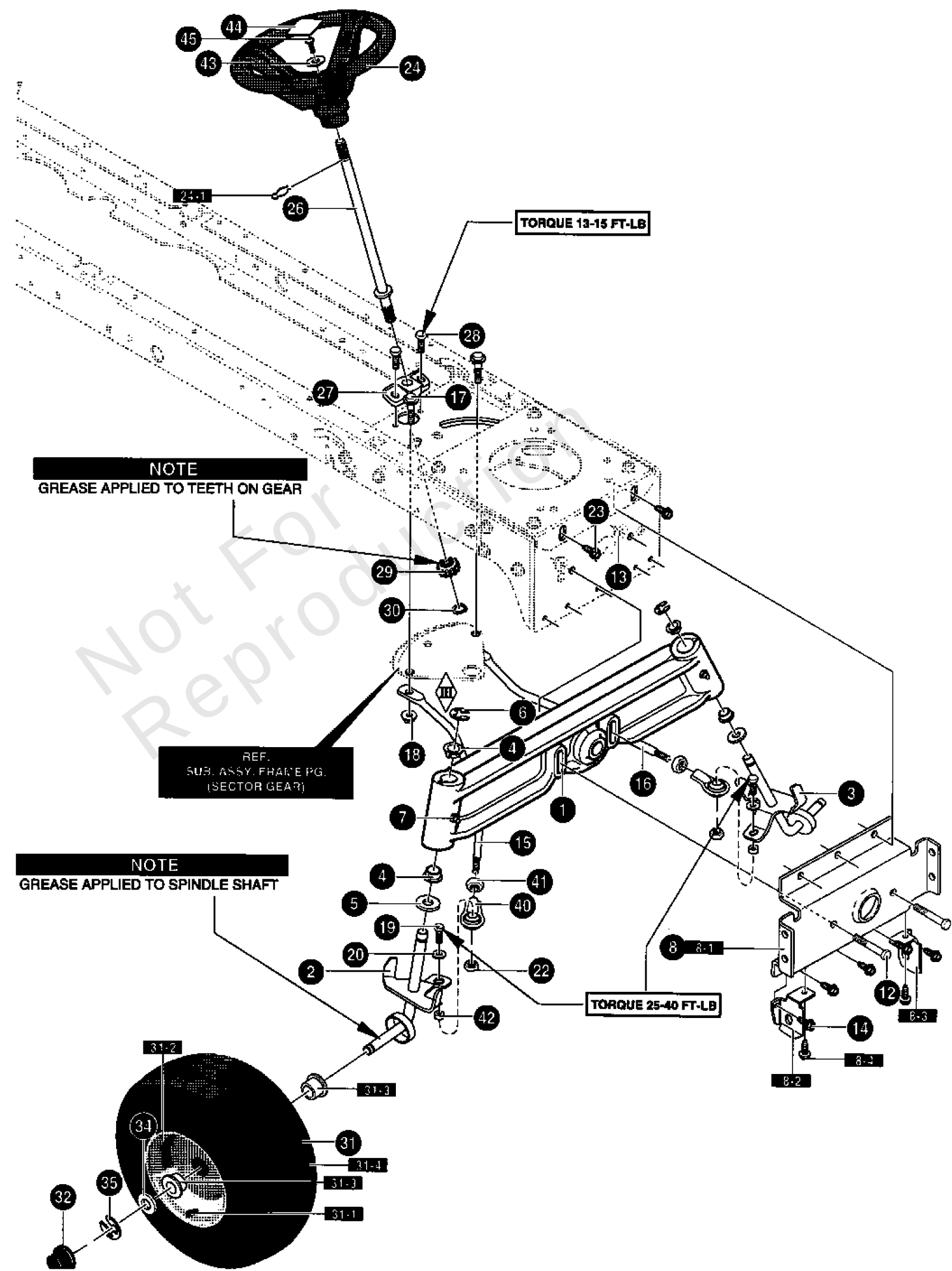
## Rear Chassis Assembly

| REF NO | PART NO    | QTY | DESCRIPTION             |
|--------|------------|-----|-------------------------|
| 1      | 341712E122 | 1   | LARGE SEAT DECK         |
| 1-1    | 94628      | 1   | SEAT DECK, LARGE        |
| 1-2    | 94153      | 1   | BRACKET, PIVOT SEAT     |
| 1-3    | 001X45MA   | 4   | SCREW, 5/16-18 x 0.75   |
| 1-4    | 015X88MA   | 4   | NUT, 5/16-18            |
| 2      | 095438     | 1   | FOOT REST PAD RH        |
| 3      | 095437     | 1   | FOOT REST PAD LH        |
| 4      | 094069     | 1   | CONTAINER, BATTERY      |
| 5      | 26X263MA   | 2   | SCREW.25-20 S-T         |
| 6      | 94194E717  | 1   | PLATE, LIFT DETENT      |
| 7      | 094492     | 1   | COVER, LIFT DETENT      |
| 8      | 009X47MA   | 2   | SCREW                   |
| 9      | 94154      | 1   | SUPPORT, SEAT           |
| 10     | 94156      | 1   | HINGE SEAT PIVOT        |
| 11     | 028X23MA   | 2   | NUT, PUSH CAP           |
| 12     | 164X31     | 1   | SPRING, COMPRESS        |
| 13     | 009X55MA   | 1   | BOLT, SHOULDER 1/4-20   |
| 14     | 94155      | 1   | WASHER CUP              |
| 15     | 015X89MA   | 1   | NUT .25-20 FLANGELOCK   |
| 16     | 164X30MA   | 2   | SPRING, COMPRESS        |
| 17     | 26X249MA   | 2   | SCREW 5/16-18X.75       |
| 18     | 095444     | 1   | SEAT                    |
| 19     | 711366     | 2   | BOLT, SHOULDER 5/16-18  |
| 20     | 094160     | 2   | BOLT, WING 5/16-18X.50  |
| 21     | 017X47MA   | 2   | Washer                  |
| 22     | 094491     | 1   | COVER, DETENT PLATE     |
| 23     | 311087MA   | 12  | FASTENER, RATCHET       |
| 24     | 26X284MA   | 3   | SCREW, 1/4-15X.44/.53   |
| 25     | 094495     | 1   | COVER, HAND/FOOT, HYDRO |
| 26     | 26X284MA   | 2   | SCREW, 1/4-15X.44/.53   |
| 27     | 017X38 Z   | 1   | FLATWASHER              |
| 28     | 020107MA   | 2   | CAP                     |
| 30     | 094057MA   | 1   | SPRING, LEAF            |
| 31     | 26X229MA   | 2   | SCREW, 1/4-20X.50       |

# Steering Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46562x8A



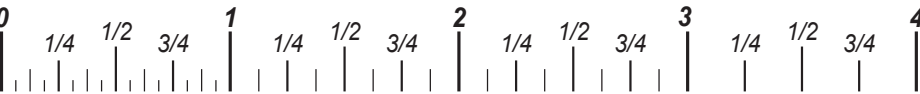
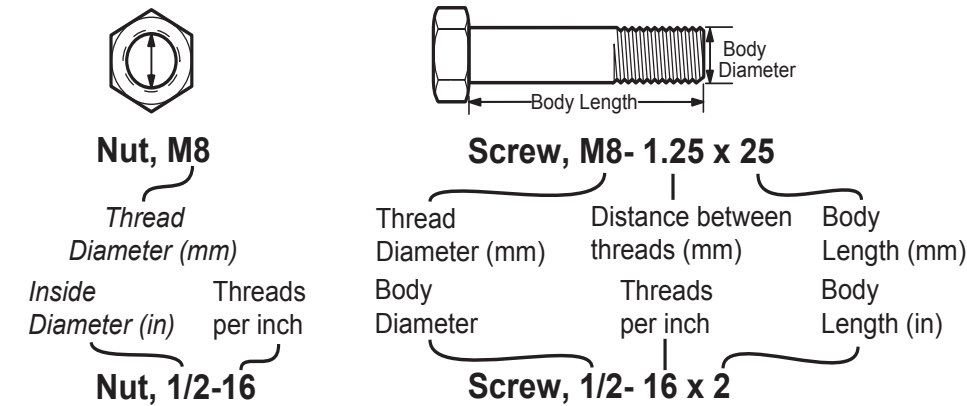
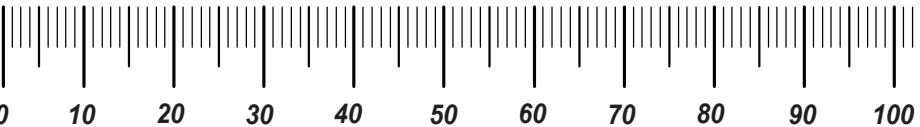
## Steering Assembly

| REF NO | PART NO    | QTY | DESCRIPTION            |
|--------|------------|-----|------------------------|
| 1      | 94203E717  | 1   | AXLE, FRONT ASSEMBLY   |
| 2      | 94732E717  | 1   | SPINDLE, RH            |
| 3      | 94733E717  | 1   | SPINDLE, LH            |
| 4      | 092527MA   | 4   | BEARING, SPINDLE       |
| 5      | 17X113MA   | 2   | WASHER.76-1.2 13G FL   |
| 6      | 0011X3MA   | 2   | RING, E .750D .050T    |
| 7      | 092530MA   | 2   | ZERK, GREASE FITTING   |
| 8      | 341490E717 | 1   | FRONT AXLE/DECK HANGER |
| 8-1    | 94007      | 1   | HANGER, AXLE           |
| 8-2    | 94026      | 1   | HANGER, DECK RH        |
| 8-3    | 94027      | 1   | HANGER, DECK LH        |
| 8-4    | 26X249MA   | 2   | SCREW, 5/16-18 x 0.75  |
| 12     | 01X146MA   | 2   | SCREW, 5/16-24 x 2.75  |
| 13     | 15X118MA   | 2   | NUT, 5/16-24           |
| 14     | 26X249MA   | 2   | SCREW, 5/16-18 x 0.75  |
| 15     | 94767E717  | 1   | ROD, DRAG LINK         |
| 16     | 94768E717  | 1   | ROD, DRAG LINK         |
| 17     | 009X57MA   | 2   | BOLT                   |
| 18     | 015X84MA   | 2   | NUT, 3/8-16            |
| 19     | 310364     | 2   | BOLT                   |
| 20     | 22265MA    | 2   | WASHER, FLAT           |
| 22     | 015X84MA   | 2   | NUT, 3/8-16            |
| 23     | 26X249MA   | 3   | SCREW, 5/16-18 x 0.75  |
| 24     | 094806     | 1   | STEERING WHEEL         |
| 24-1   | 094131MA   | 1   | RETAINER, SPRING       |
| 26     | 094520     | 1   | SHAFT, STEERING        |
| 27     | 094124MA   | 1   | BEARING-LOWER          |
| 28     | 26X267MA   | 2   | SCREW, 5/16-18 x 0.75  |
| 29     | 094122     | 1   | GEAR, PINNION          |
| 30     | 011X25MA   | 1   | RING, RET              |
| 31     | 94509-601  | 2   | TIRE & RIM 15X6-6      |
| 31-1   | 338512     | 2   | VALVE STEM             |
| 31-2   | 338517MA   | 2   | RIM, CARLISLE          |
| 31-3   | 338513     | 2   | BEARING                |
| 31-4   | 338514     | 2   | TIRE, 15X6X6           |
| 32     | 094618MA   | 2   | HUB CAP                |
| 34     | 17X195MA   | 2   | WASHER                 |
| 35     | 0011X3MA   | 2   | RING, E .750D .050T    |
| 40     | 094766MA   | 2   | TIE ROD                |
| 41     | 015X72MA   | 2   | NUT 1/2-20             |
| 42     | 319618MA   | 2   | SPACER, SLEEVE         |
| 43     | 57626      | 1   | FLATWASHER             |
| 44     | 711325MA   | 1   | INSERT, STEERING WHEEL |
| 45     | 001X38MA   | 1   | SCREW                  |

# Hardware Identification & Torque Specifications

| Torque Specification Chart                             |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|
| FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%) |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
| Property Class                                         | <br>Class 5.6 |      | <br>Class 8.8 |      | <br>Class 10.9 |      | <br>Class 12.9 |      |
| Size Of Hardware                                       | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                                | Nm.  | in/lbs<br>ft/lbs                                                                                | Nm.  |
| M3                                                     | 5.88                                                                                           | .56  | 13.44                                                                                          | 1.28 | 19.2                                                                                            | 1.80 | 22.92                                                                                           | 2.15 |
| M4                                                     | 13.44                                                                                          | 1.28 | 30.72                                                                                          | 2.90 | 43.44                                                                                           | 4.10 | 52.56                                                                                           | 4.95 |
| M5                                                     | 26.4                                                                                           | 2.50 | 60.96                                                                                          | 5.75 | 5.97                                                                                            | 8.10 | 7.15                                                                                            | 9.7  |
| M6                                                     | 44.64                                                                                          | 4.3  | 7.3                                                                                            | 9.9  | 10.3                                                                                            | 14   | 12.1                                                                                            | 16.5 |
| M7                                                     | 5.2                                                                                            | 7.1  | 12.1                                                                                           | 16.5 | 16.9                                                                                            | 23   | 19.9                                                                                            | 27   |
| M8                                                     | 7.7                                                                                            | 10.5 | 17.7                                                                                           | 24   | 25                                                                                              | 34   | 29                                                                                              | 40   |
| M10                                                    | 15                                                                                             | 21   | 35                                                                                             | 48   | 50                                                                                              | 67   | 59                                                                                              | 81   |
| M12                                                    | 26                                                                                             | 36   | 61                                                                                             | 83   | 86.2                                                                                            | 117  | 103                                                                                             | 140  |
| M14                                                    | 42                                                                                             | 58   | 101                                                                                            | 132  | 136                                                                                             | 185  | 162                                                                                             | 220  |
| M16                                                    | 64                                                                                             | 88   | 147                                                                                            | 200  | 210                                                                                             | 285  | 250                                                                                             | 340  |
| M18                                                    | 89                                                                                             | 121  | 202                                                                                            | 275  | 287                                                                                             | 390  | 346                                                                                             | 470  |
| M20                                                    | 126                                                                                            | 171  | 290                                                                                            | 390  | 405                                                                                             | 550  | 486                                                                                             | 660  |
| M22                                                    | 169                                                                                            | 230  | 390                                                                                            | 530  | 559                                                                                             | 745  | 656                                                                                             | 890  |
| M24                                                    | 217                                                                                            | 295  | 497                                                                                            | 375  | 708                                                                                             | 960  | 840                                                                                             | 1140 |
| M27                                                    | 320                                                                                            | 435  | 733                                                                                            | 995  | 1032                                                                                            | 1400 | 1239                                                                                            | 1680 |
| M30                                                    | 435                                                                                            | 590  | 995                                                                                            | 1350 | 1401                                                                                            | 1900 | 1681                                                                                            | 2280 |
| M33                                                    | 590                                                                                            | 800  | 1349                                                                                           | 1830 | 1902                                                                                            | 2580 | 2278                                                                                            | 3090 |
| M36                                                    | 759                                                                                            | 1030 | 1740                                                                                           | 2360 | 2441                                                                                            | 3310 | 2935                                                                                            | 3980 |
| M39                                                    | 988                                                                                            | 1340 | 2249                                                                                           | 3050 | 3163                                                                                            | 4290 | 3798                                                                                            | 5150 |

The guides and ruler furnished below are designed to help you select the appropriate hardware.



## Standard Hardware Sizing

When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

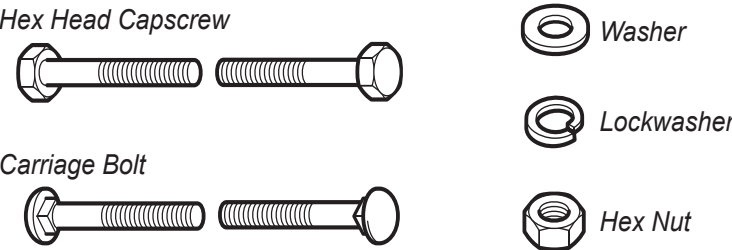
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw, 2 inches (50mm).

| Torque Specification Chart                      |                                                                                                    |       |                                                                                                    |       |                                                                                                    |         |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|---------|
| FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%) |                                                                                                    |       |                                                                                                    |       |                                                                                                    |         |
| Hardware Grade                                  | <br>SAE Grade 2 |       | <br>SAE Grade 5 |       | <br>SAE Grade 8 |         |
| Size Of Hardware                                | in/lbs<br>ft/lbs                                                                                   | Nm.   | in/lbs<br>ft/lbs                                                                                   | Nm.   | in/lbs<br>ft/lbs                                                                                   | Nm.     |
| 8-32                                            | 19                                                                                                 | 2.1   | 30                                                                                                 | 3.4   | 41                                                                                                 | 4.6     |
| 8-36                                            | 20                                                                                                 | 2.3   | 31                                                                                                 | 3.5   | 43                                                                                                 | 4.9     |
| 10-24                                           | 27                                                                                                 | 3.1   | 43                                                                                                 | 4.9   | 60                                                                                                 | 6.8     |
| 10-32                                           | 31                                                                                                 | 3.5   | 49                                                                                                 | 5.5   | 68                                                                                                 | 7.7     |
| 1/4-20                                          | 66                                                                                                 | 7.6   | 8                                                                                                  | 10.9  | 12                                                                                                 | 16.3    |
| 1/4-28                                          | 76                                                                                                 | 8.6   | 10                                                                                                 | 13.6  | 14                                                                                                 | 19.0    |
| 5/16-18                                         | 11                                                                                                 | 15.0  | 17                                                                                                 | 23.1  | 25                                                                                                 | 34.0    |
| 5/16-24                                         | 12                                                                                                 | 16.3  | 19                                                                                                 | 25.8  | 29                                                                                                 | 34.0    |
| 3/8-16                                          | 20                                                                                                 | 27.2  | 30                                                                                                 | 40.8  | 45                                                                                                 | 61.2    |
| 3/8-24                                          | 23                                                                                                 | 31.3  | 35                                                                                                 | 47.6  | 50                                                                                                 | 68.0    |
| 7/16-14                                         | 30                                                                                                 | 40.8  | 50                                                                                                 | 68.0  | 70                                                                                                 | 95.2    |
| 7/16-20                                         | 35                                                                                                 | 47.6  | 55                                                                                                 | 74.8  | 80                                                                                                 | 108.8   |
| 1/2-13                                          | 50                                                                                                 | 68.0  | 75                                                                                                 | 102.0 | 110                                                                                                | 149.6   |
| 1/2-20                                          | 55                                                                                                 | 74.8  | 90                                                                                                 | 122.4 | 120                                                                                                | 163.2   |
| 9/16-12                                         | 65                                                                                                 | 88.4  | 110                                                                                                | 149.6 | 150                                                                                                | 204.0   |
| 9/16-18                                         | 75                                                                                                 | 102.0 | 120                                                                                                | 163.2 | 170                                                                                                | 231.2   |
| 5/8-11                                          | 90                                                                                                 | 122.4 | 150                                                                                                | 204.0 | 220                                                                                                | 299.2   |
| 5/8-18                                          | 100                                                                                                | 136   | 180                                                                                                | 244.8 | 240                                                                                                | 326.4   |
| 3/4-10                                          | 160                                                                                                | 217.6 | 260                                                                                                | 353.6 | 386                                                                                                | 525.0   |
| 3/4-16                                          | 180                                                                                                | 244.8 | 300                                                                                                | 408.0 | 420                                                                                                | 571.2   |
| 7/8-9                                           | 140                                                                                                | 190.4 | 400                                                                                                | 544.0 | 600                                                                                                | 816.0   |
| 7/8-14                                          | 155                                                                                                | 210.8 | 440                                                                                                | 598.4 | 660                                                                                                | 897.6   |
| 1-8                                             | 220                                                                                                | 299.2 | 580                                                                                                | 788.8 | 900                                                                                                | 1,244.0 |
| 1-12                                            | 240                                                                                                | 326.4 | 640                                                                                                | 870.4 | 1,000                                                                                              | 1,360.0 |

### NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

## Common Hardware Types



## Wrench & Fastener Size Guide

|                                                                                                                           |                                                                                                                           |                                                                                                                           |                                                                                                                                                         |                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <br>1/4" Bolt or Nut<br>Wrench—7/16" | <br>5/16" Bolt or Nut<br>Wrench—1/2" | <br>3/8" Bolt or Nut<br>Wrench—9/16" | <br>7/16" Bolt or Nut<br>Wrench (Bolt)—5/8"<br>Wrench (Nut)—11/16" | <br>1/2" Bolt or Nut<br>Wrench—3/4" |
| M6 Bolt or Nut<br>Wrench—10mm                                                                                             | M8 Bolt or Nut<br>Wrench—13mm                                                                                             | M10 Bolt or Nut<br>Wrench—17mm                                                                                            | M12 Bolt or Nut<br>Wrench—19mm                                                                                                                          | M14 Bolt or Nut<br>Wrench—22mm                                                                                           |

