



## PARTS MANUAL

MODEL: LIGHTSOURCE  
50 HZ

Code:



This manual contains important safety information.

Do not destroy this manual.

This manual must be available to the personnel who operate and maintain this machine.

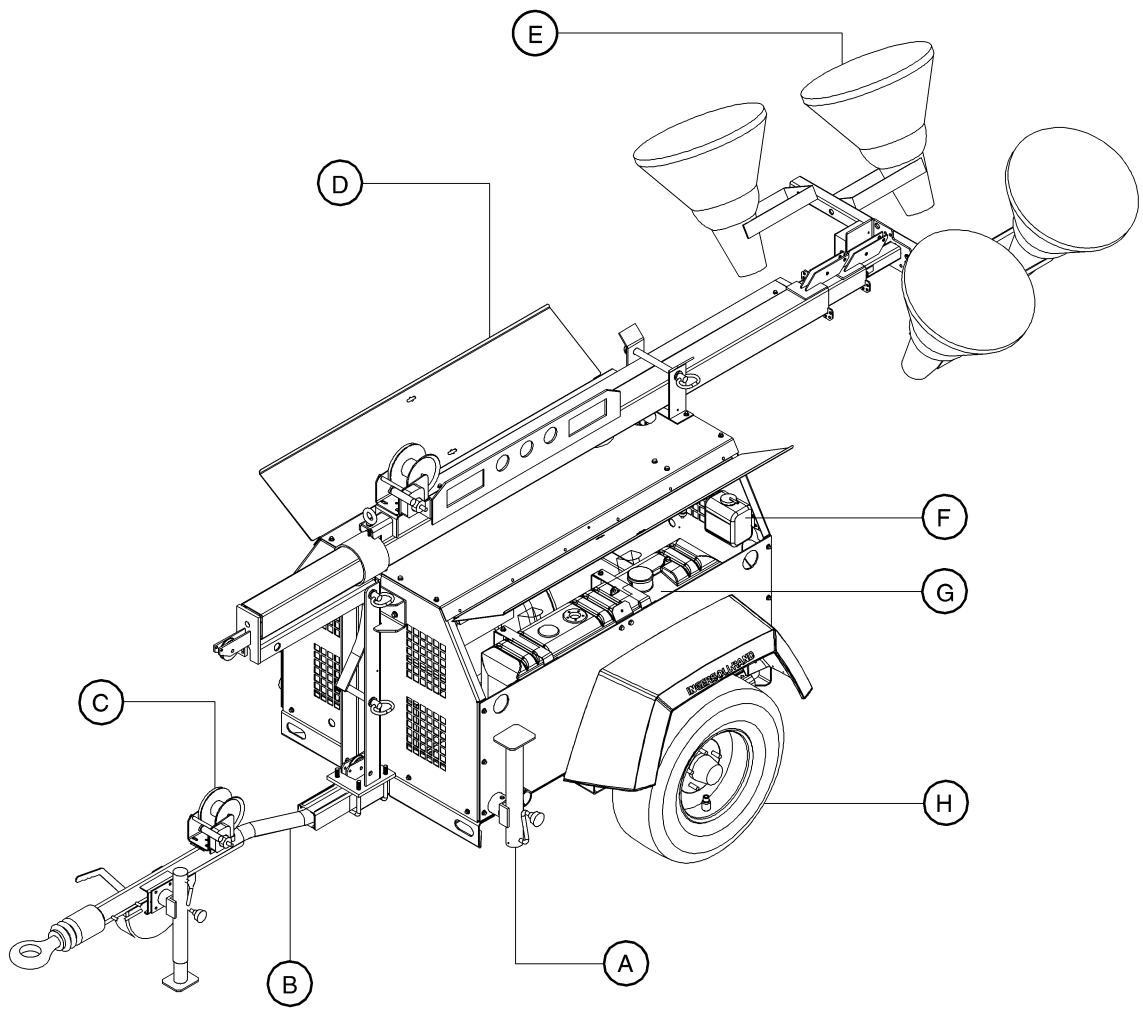


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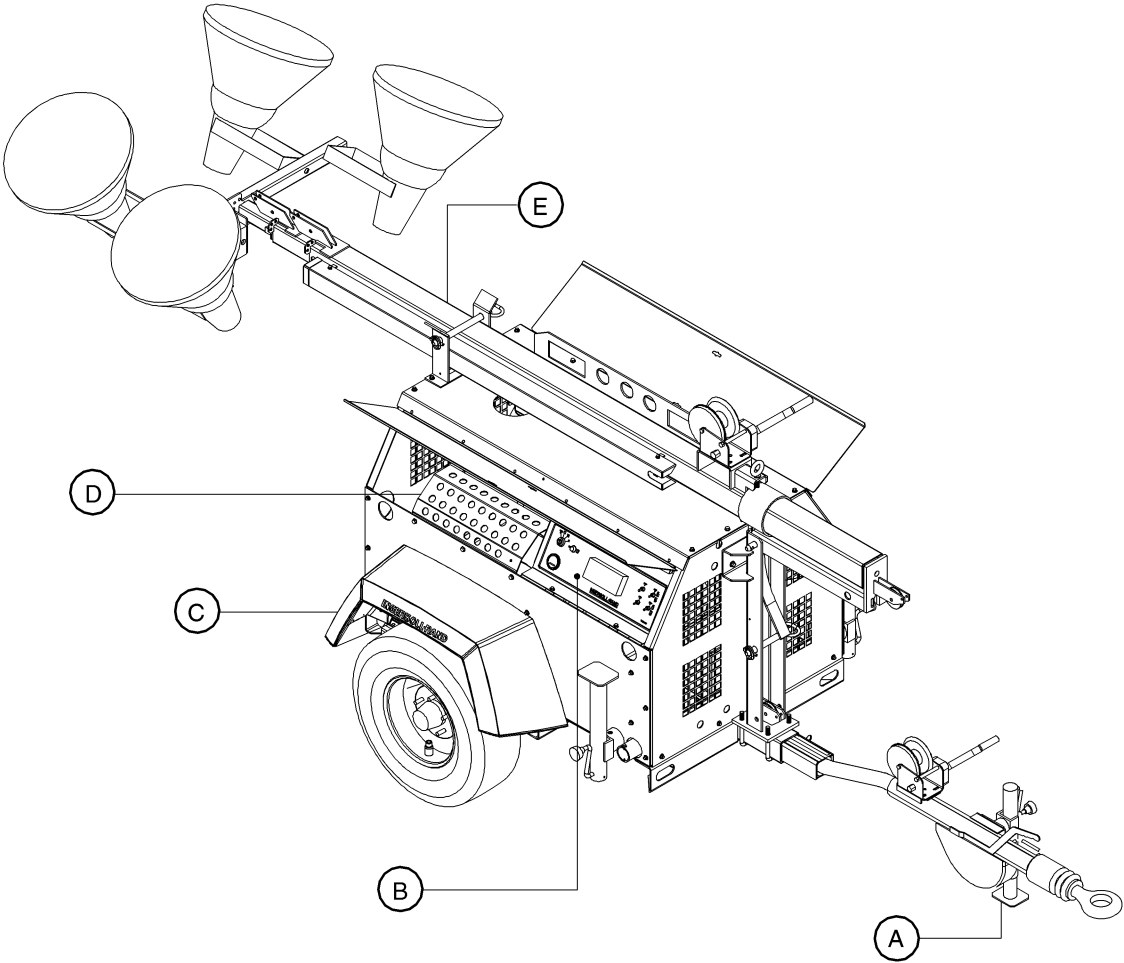
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GENERAL ARRANGEMENT ( LEFT SIDE )



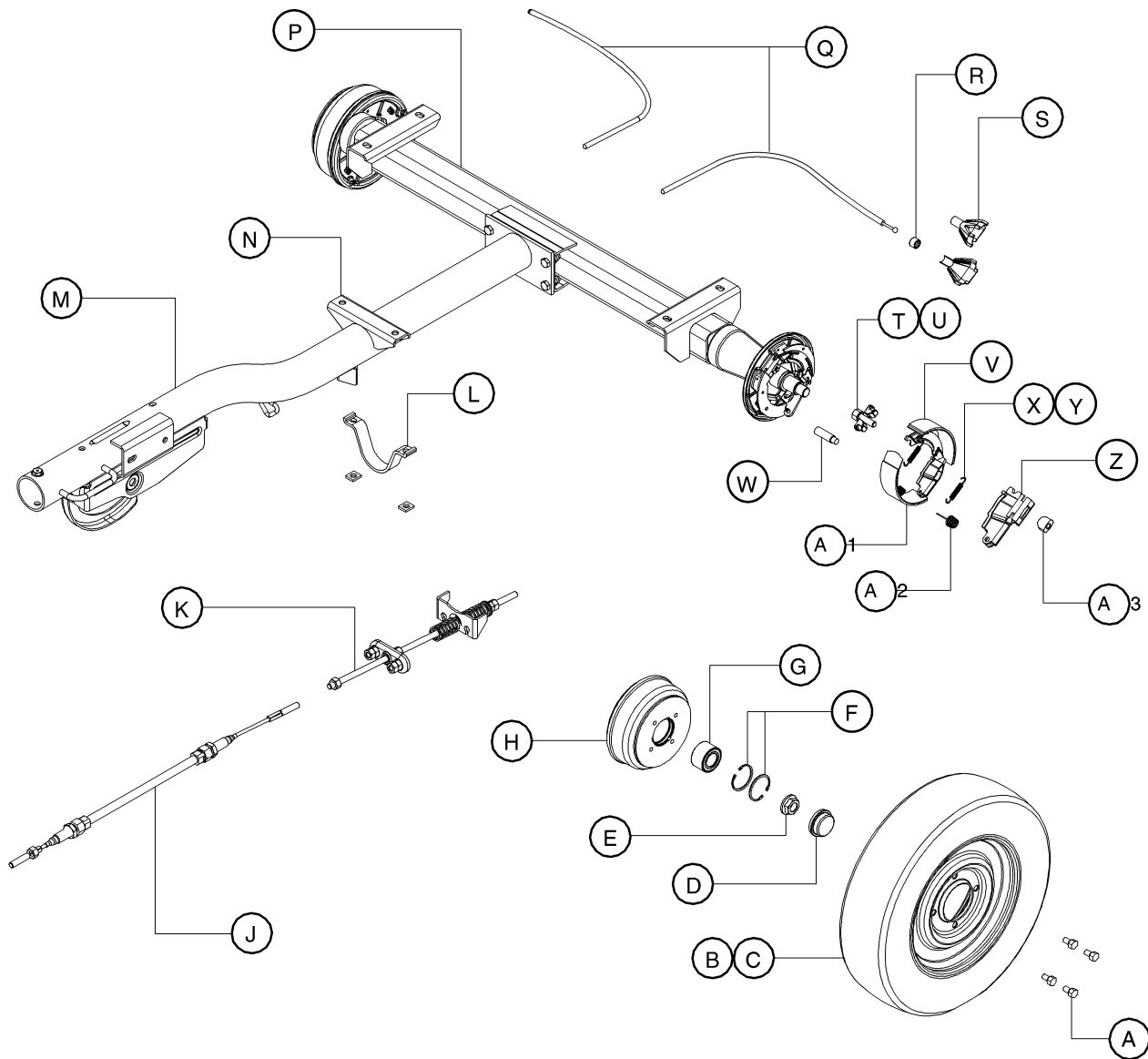
| ITEM | CPN      | QTY | DESCRIPTION             | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-------------------------|------|-----|-----|-------------|
| A    | 36923407 | 1   | JACK , STABILIZER       |      |     |     |             |
| B    | 22257794 | 1   | RUNNING GEAR ASSEMBLY   |      |     |     |             |
| C    | 36923654 | 1   | WINCH ( MANUAL )        |      |     |     |             |
|      | 36878056 | 1   | WINCH ( ELECTRIC )      |      |     |     |             |
| D    | 36923183 | 1   | DOOR                    |      |     |     |             |
| E    | 22282586 | 1   | OPTICAL ASSEMBLY        |      |     |     |             |
| F    | 36884948 | 1   | BOTTLE , COOLANT        |      |     |     |             |
| G    | 36881100 | 1   | TANK , FUEL             |      |     |     |             |
| H    | 54737408 | 1   | TIRE AND WHEEL ASSEMBLY |      |     |     |             |

GENERAL ARRANGEMENT ( RIGHT SIDE )



| ITEM | CPN      | QTY | DESCRIPTION                         | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-------------------------------------|------|-----|-----|-------------|
| A    | 36923415 | 1   | JACK , DRAWBAR                      |      |     |     |             |
| B    | 22147037 | 1   | CONTROL PANEL ASSEMBLY ( MANUAL )   |      |     |     |             |
|      | 22282131 | 1   | CONTROL PANEL ASSEMBLY ( ELECTRIC ) |      |     |     |             |
| C    | 36877579 | 1   | FENDER                              |      |     |     |             |
| D    | 22253470 | 1   | SHIELD , HEAT                       |      |     |     |             |
| E    |          |     | TOWER ASSEMBLY                      |      |     |     |             |

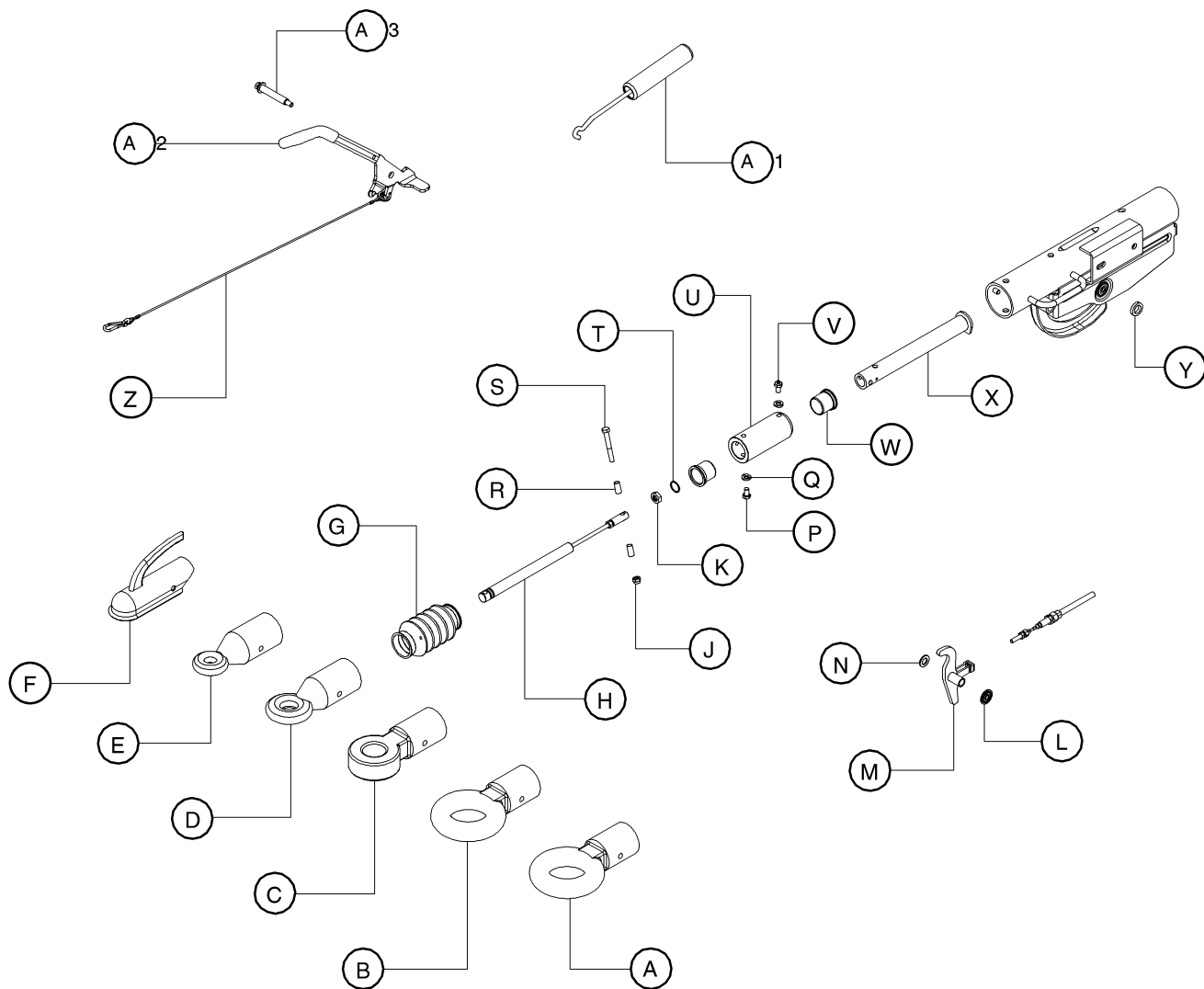
# RUNNING GEAR ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION       | ITEM | CPN      | QTY | DESCRIPTION           |
|------|----------|-----|-------------------|------|----------|-----|-----------------------|
| A    | 22051080 | 8   | LUG , WHEEL       | V    | 22051163 | 2   | SHOE , REAR BRAKE     |
| B    | 22066989 | 2   | TIRE              | W    | 22051262 | 2   | ATTACHMENT            |
| C    | 22066971 | 2   | WHEEL             | X    | 22051171 | 2   | SPRING , LOWER        |
| D    | 22051098 | 2   | CAP , GREASE      | Y    | 22051189 | 2   | SPRING , UPPER        |
| E    | 22051114 | 2   | NUT , SPINDLE     | Z    | 22051205 | 2   | LEVER                 |
| F    | 22051130 | 4   | RING , SNAP       | A1   | 22051155 | 2   | SHOE , FRONT BRAKE    |
| G    | 22051122 | 2   | BEARING , WHEEL   | A2   | 22051197 | 2   | SPRING , KEEPER       |
| H    | 22051106 | 2   | DRUM , BRAKE      | A3   | 22051221 | 2   | TAPER                 |
| J    | 22099444 | 1   | CABLE , AJUSTABLE |      | 22134621 |     | RUNNING GEAR ASSEMBLY |
| K    | 22099451 | 1   | COMPENSATOR       |      |          |     |                       |
| L    | 22051908 | 1   | CLAMP             |      |          |     |                       |
| M    | 22066807 | 1   | DRAWBAR           |      |          |     |                       |
| N    | 22066773 | 1   | PAD               |      |          |     |                       |
| P    | 22066815 | 1   | TUBE , AXLE       |      |          |     |                       |
| Q    | 22051288 | 1   | CABLE             |      |          |     |                       |
| R    | 22051270 | 2   | SLEEVE            |      |          |     |                       |
| S    | 22051254 | 2   | COVER             |      |          |     |                       |
| T    | 22051213 | 4   | KEY               |      |          |     |                       |
| U    | 22051239 | 2   | SCREW             |      |          |     |                       |

MANUAL NO.—DRAWING NO. DATE / REV:  
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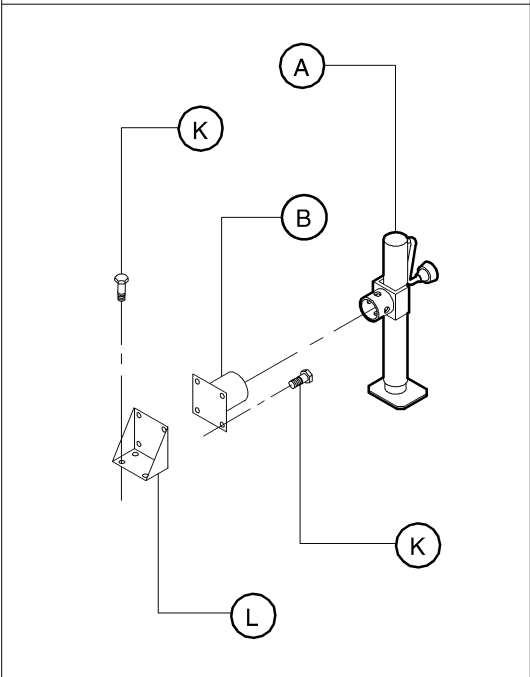
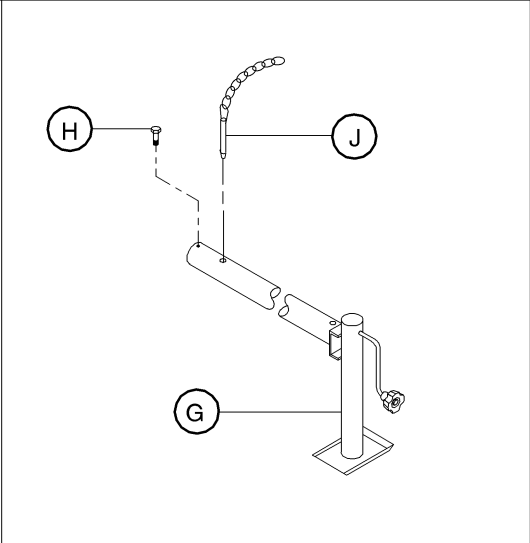
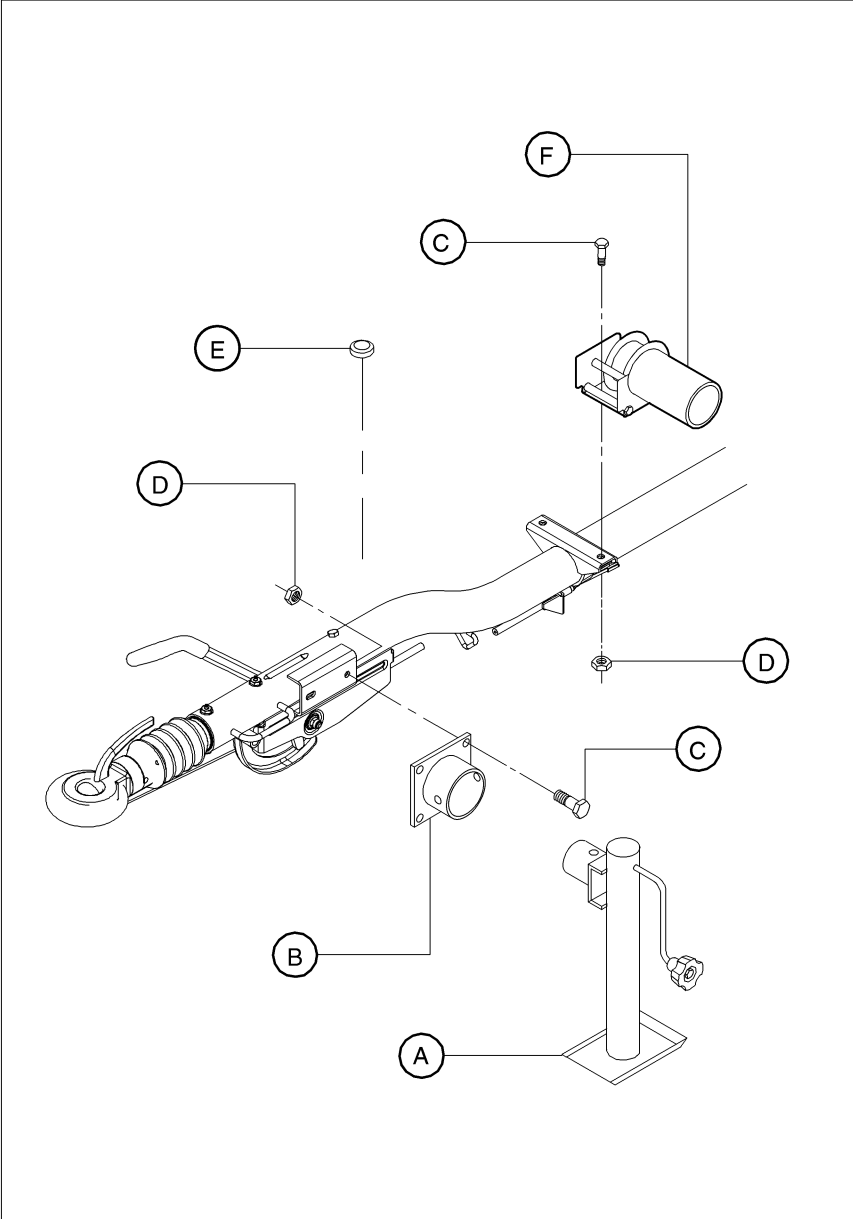
# RUNNING GEAR ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION            | ITEM | CPN      | QTY | DESCRIPTION                    |
|------|----------|-----|------------------------|------|----------|-----|--------------------------------|
| A    | 54774542 | 1   | EYE , PINTLE ( 76 MM ) | V    | 22051403 | 2   | FITTING , GREASE               |
| B    | 54774534 | 1   | EYE , PINTLE ( 68 MM ) | W    | 22051536 | 2   | GUIDE                          |
| C    | 54774518 | 1   | EYE , PINTLE ( 50 MM ) | X    | 22051817 | 1   | SLIDER                         |
| D    | 54774500 | 1   | EYE , PINTLE ( 40 MM ) | Y    | 22051494 | 1   | LOCKNUT                        |
| E    | 54774492 | 1   | EYE , PINTLE ( 28 MM ) | Z    | 22051841 | 1   | CABLE                          |
| F    | 92714211 | 1   | HITCH , BALL           | A1   | 22051619 | 1   | SPRING                         |
| G    | 22051510 | 1   | COVER                  | A2   | 22051833 | 1   | LEVER , HANDBRAKE              |
| H    | 22104970 | 1   | DAMPER                 | A3   | 22051866 | 1   | BOLT                           |
| J    | 22051494 | 1   | LOCKNUT                |      |          |     | 22134621 RUNNING GEAR ASSEMBLY |
| K    | 22051577 | 1   | LOCKNUT                |      |          |     |                                |
| L    | 22051874 | 1   | WASHER                 |      |          |     |                                |
| M    | 22051858 | 1   | LEVER                  |      |          |     |                                |
| N    | 22051882 | 1   | WASHER                 |      |          |     |                                |
| P    | 22051676 | 2   | BOLT                   |      |          |     |                                |
| Q    | 22051460 | 4   | WASHER                 |      |          |     |                                |
| R    | 22051551 | 2   | BUSHING                |      |          |     |                                |
| S    | 22051569 | 1   | BOLT                   |      |          |     |                                |
| T    | 22051585 | 1   | RING                   |      |          |     |                                |
| U    | 22051395 | 1   | TUBE                   |      |          |     |                                |

MANUAL NO.—DRAWING NO. DATE / REV:  
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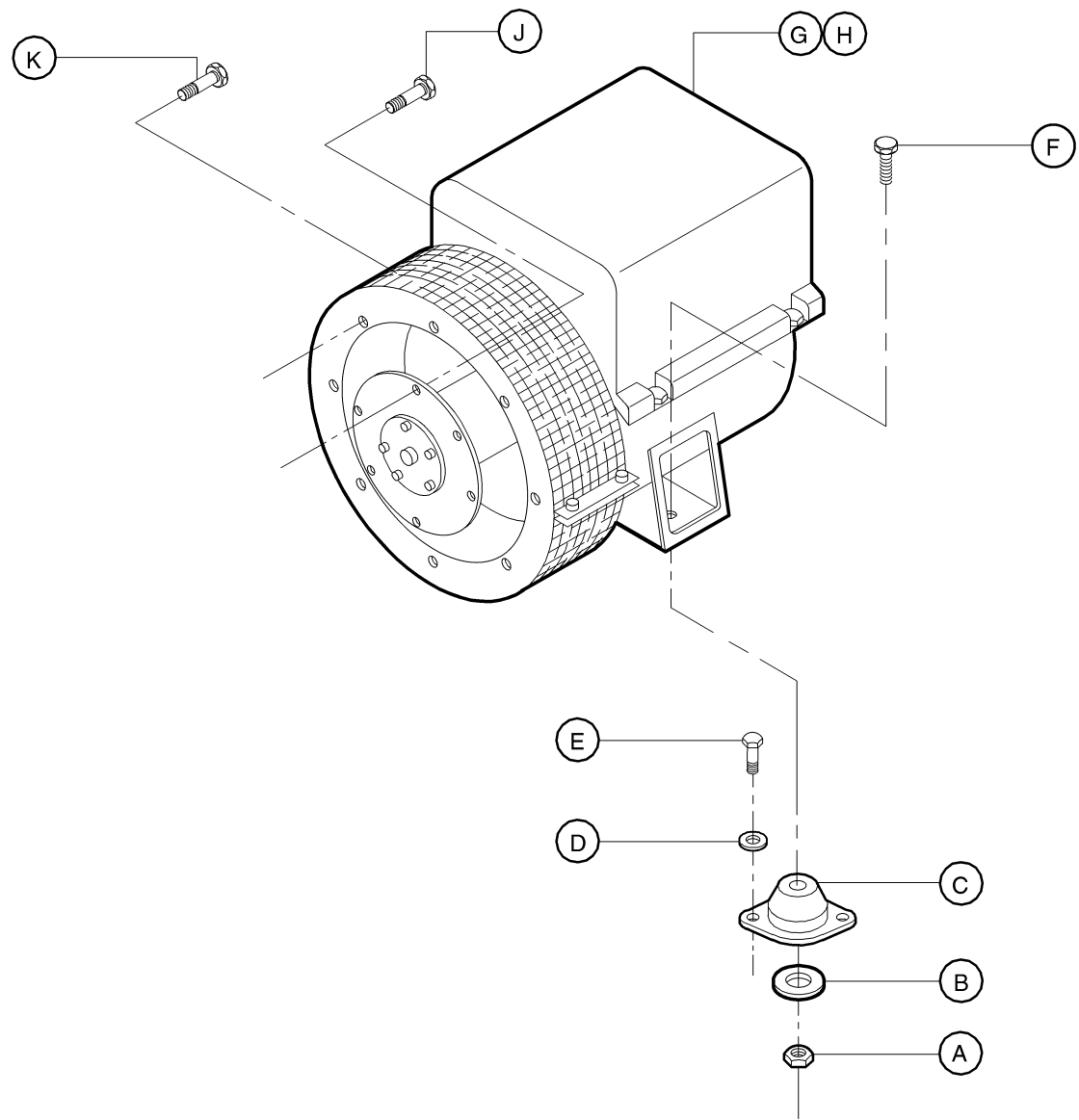
JACKS AND MOUNTING



| ITEM | CPN      | QTY | DESCRIPTION       | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-------------------|------|-----|-----|-------------|
| A    | 36923415 | 1   | JACK              |      |     |     |             |
| B    | 36796068 | 1   | BRACKET , JACK    |      |     |     |             |
| C    | 36889608 | 6   | SCREW             |      |     |     |             |
| D    | 36881886 | 6   | NUT               |      |     |     |             |
| E    | 36787398 | 1   | LEVEL , BUBBLE    |      |     |     |             |
| F    | 36878056 | 1   | WINCH , ELECTRIC  |      |     |     |             |
| G    | 36923407 | 2   | OUTRIGGER         |      |     |     |             |
| H    | 92368687 | 2   | SCREW             |      |     |     |             |
| J    | 36848224 | 2   | PIN               |      |     |     |             |
| K    | 35279025 | 8   | SCREW             |      |     |     |             |
| L    | 54410600 | 1   | BRACKET , SUPPORT |      |     |     |             |

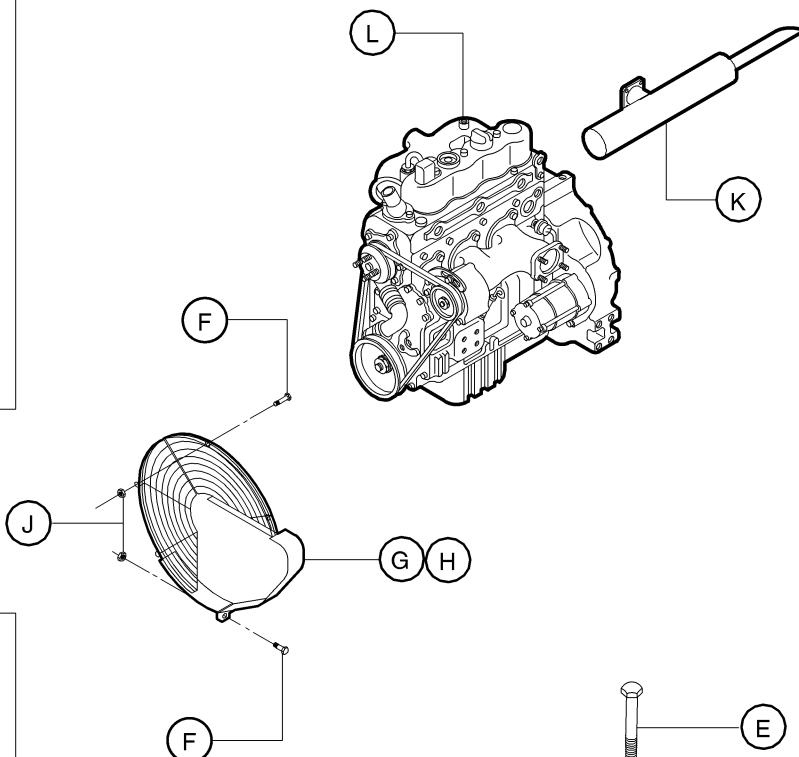
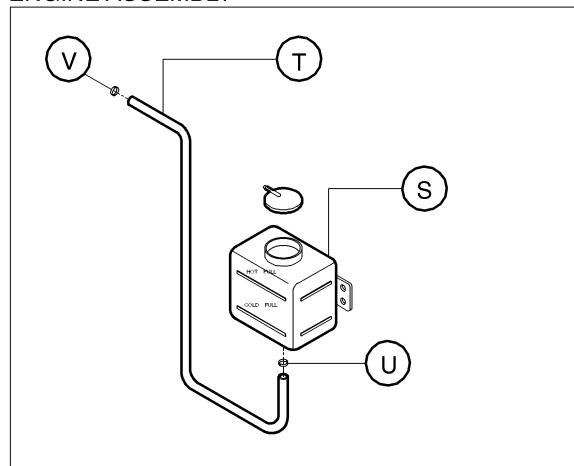
| TAMPER-PROOF WINCH KIT |   |                    |
|------------------------|---|--------------------|
| 22301303               | 1 | NUT , TAMPER-PROOF |
| 22301329               | 1 | TOOL , NUT REMOVAL |

GENERATOR AND MOUNTING

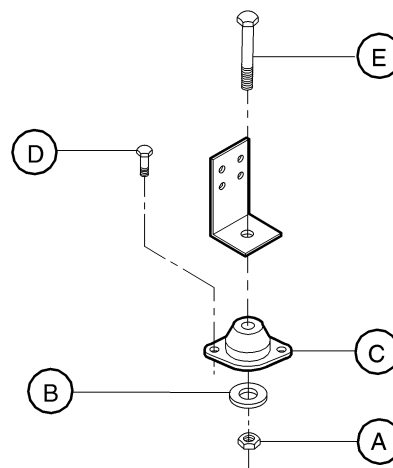
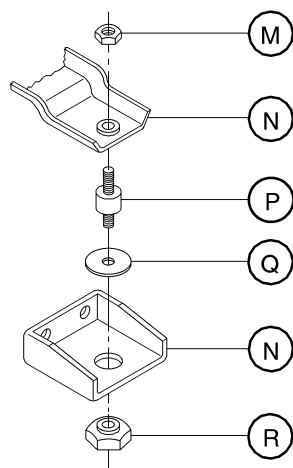


| ITEM | CPN      | QTY | DESCRIPTION               | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|---------------------------|------|-----|-----|-------------|
| A    | 35273366 | 2   | NUT                       |      |     |     |             |
| B    | 36899037 | 2   | WASHER                    |      |     |     |             |
| C    | 36875565 | 2   | ISOLATER                  |      |     |     |             |
| D    | 95934998 | 4   | WASHER                    |      |     |     |             |
| E    | 35279025 | 4   | SCREW                     |      |     |     |             |
| F    | 96730411 | 2   | SCREW                     |      |     |     |             |
| G    | 43214345 | 1   | GENERATOR , 7KW           |      |     |     |             |
| H    | 43214568 | 1   | CAPACITOR                 |      |     |     |             |
| J    | 95067864 | 6   | SCREW                     |      |     |     |             |
| K    | 95920674 | 8   | SCREW                     |      |     |     |             |
|      | 36888915 | 1   | CONNECTOR , STRAIN RELIEF |      |     |     |             |

# ENGINE ASSEMBLY



## RADIATOR MOUNTING ASSEMBLY

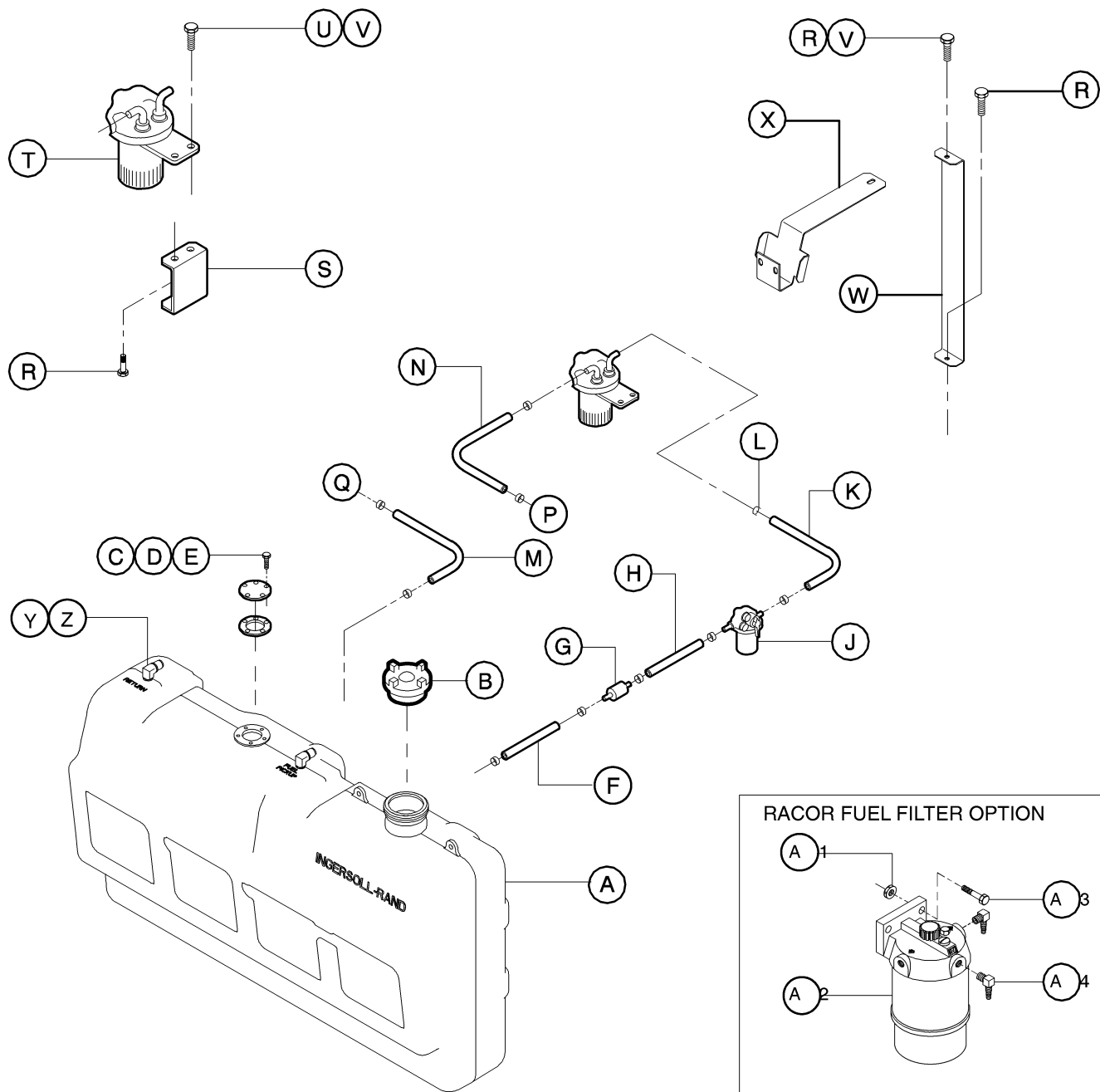


| ITEM | CPN                                  | QTY | DESCRIPTION                     | ITEM     | CPN | QTY | DESCRIPTION          |
|------|--------------------------------------|-----|---------------------------------|----------|-----|-----|----------------------|
| A    | 35279025                             | 2   | NUT                             | 36870574 |     |     | FILTER , ENGINE OIL  |
| B    | 36899037                             | 2   | WASHER                          | 36870566 |     |     | FILTER , ENGINE FUEL |
| C    | 36875565                             | 2   | ISOLATOR                        | 36890135 |     |     | FILTER , ENGINE AIR  |
| D    | 35279025                             | 4   | SCREW                           | 36878379 |     |     | SWITCH , 12 PSI      |
| E    | 96730411                             | 2   | SCREW                           | 36868479 |     |     | SWITCH , WATER TEMP. |
| F    | 36898096                             | 7   | SCREW                           | 36861656 |     |     | RELAY , 80 AMP       |
| G    | 36868727                             | 1   | GUARD , FAN                     | 36878189 |     |     | KIT , SOLENOID       |
| H    | 36871614                             | 1   | BRACKET , FAN GUARD             | 36878197 |     |     | GASKET , SOLENOID    |
| J    | 36898104                             | 7   | NUT                             | 36888170 |     |     | ALTERNATOR           |
| K    | 22258446                             | 1   | MUFFLER                         | 36888501 |     |     | ENGINE FAN           |
| L    | 43214881                             | 1   | ENGINE , KUBOTA ( 1105 SERIES ) | 36888477 |     |     | RAD. BOTTOM HOSE     |
| M    | 95923314                             | 2   | NUT                             | 36888485 |     |     | HOSE CLAMP           |
| N    | EXISTING RADIATOR AND ENGINE BRACKET |     |                                 | 36888493 |     |     | FAN BELT             |
| P    | 35307149                             | 2   | MOUNT , RUBBER                  | 36888188 |     |     | STARTER              |
| Q    | 36898542                             | 2   | WASHER                          | 36888451 |     |     | RADIATOR             |
| R    | 43214808                             | 2   | NUT , SHOULDER                  | 36888469 |     |     | RAD. TOP HOSE        |
| S    | 36884948                             | 1   | BOTTLE , OVER-FLOW              |          |     |     |                      |
| T    | 35363498                             | 1   | HOSE ( 27 INCHES )              |          |     |     |                      |
| U    | 35296342                             | 2   | CLAMP                           |          |     |     |                      |
| V    | FROM RADIATOR                        |     |                                 |          |     |     |                      |

MANUAL NO.—DRAWING NO. DATE / REV:  
22149124 7 6/03 B



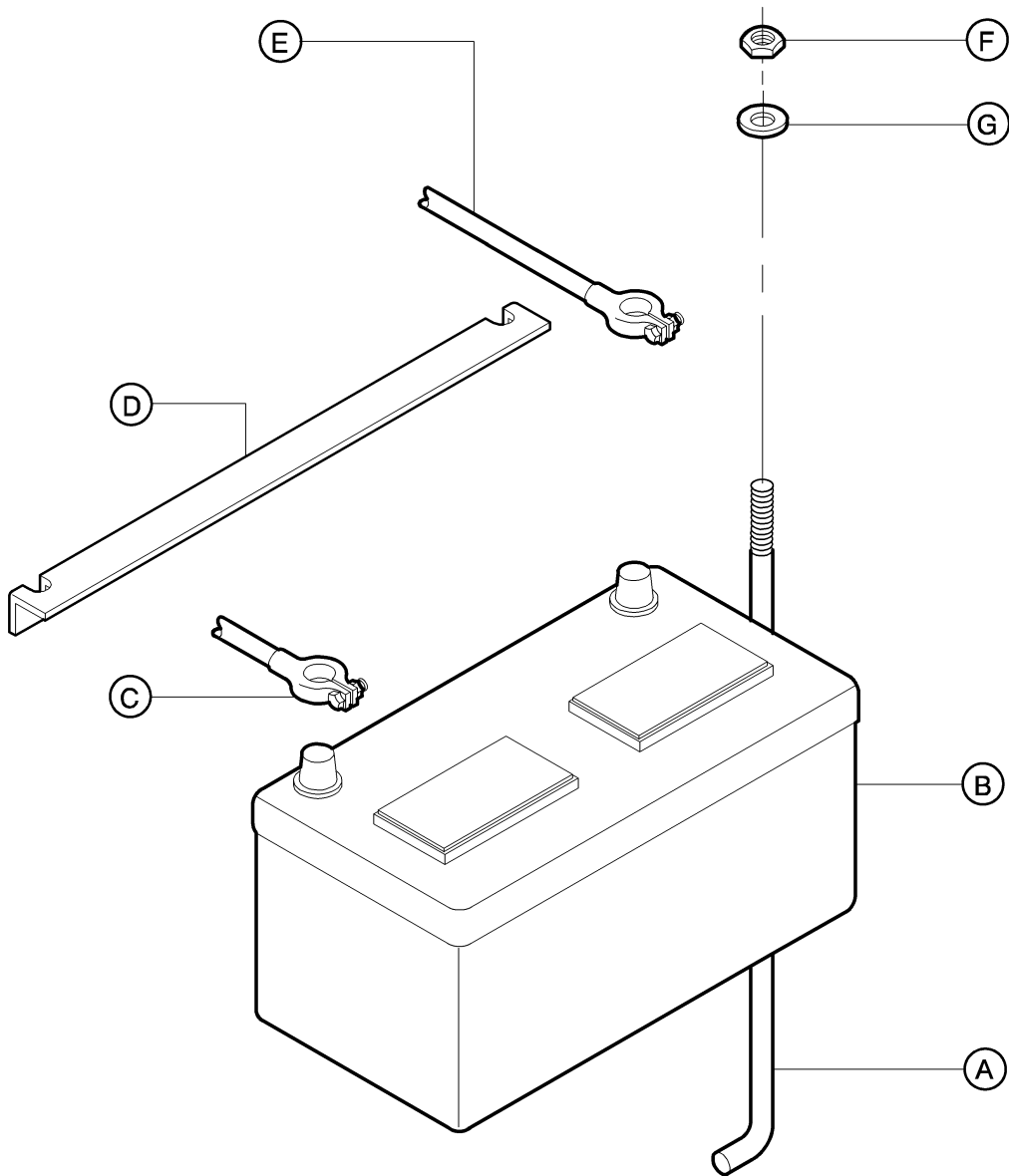
# FUEL TANK AND PIPING



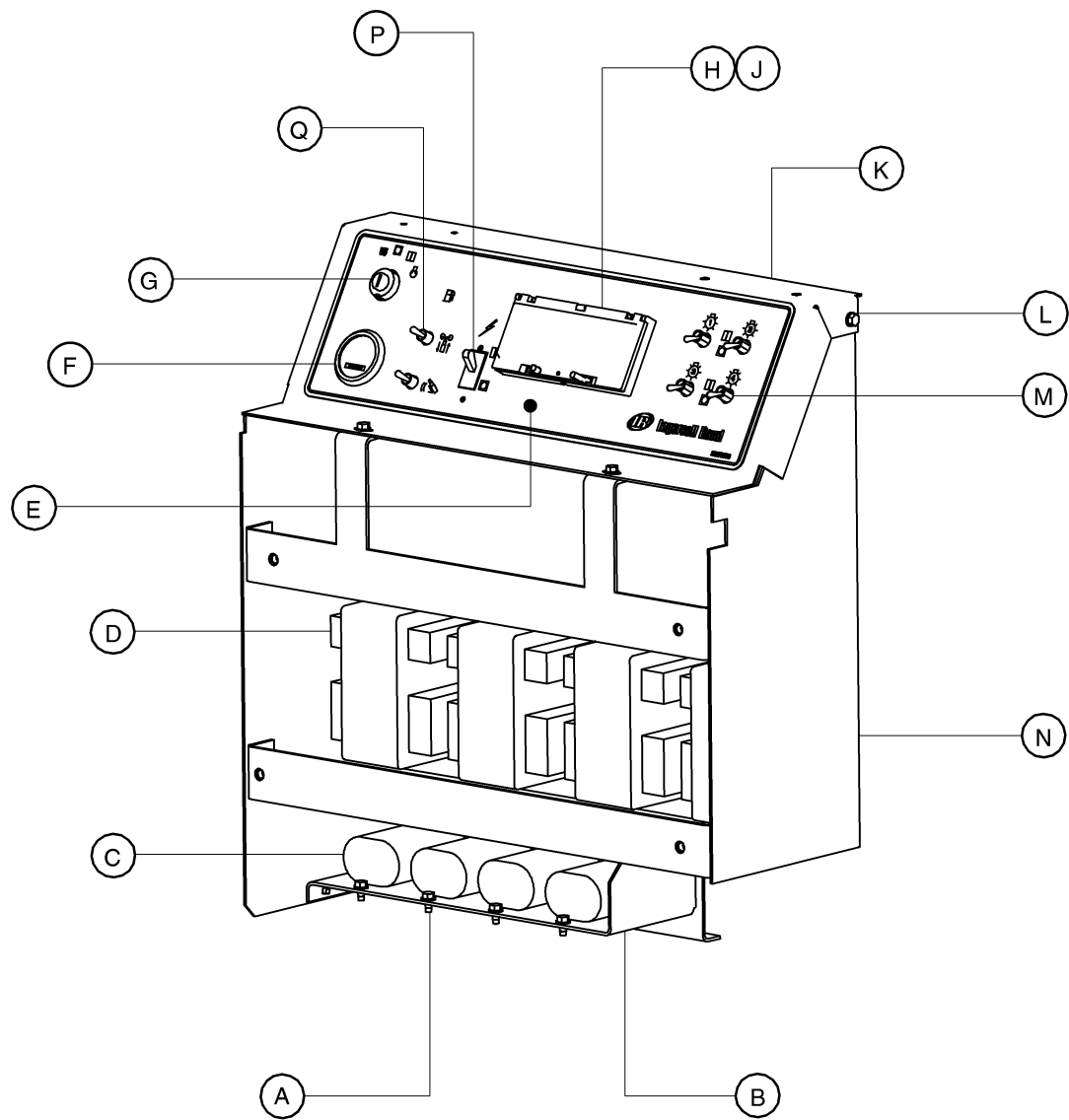
| ITEM | CPN      | QTY | DESCRIPTION          | ITEM | CPN                | QTY | DESCRIPTION             |
|------|----------|-----|----------------------|------|--------------------|-----|-------------------------|
| A    | 36881100 | 1   | TANK , FUEL          | Q    | FROM ENGINE RETURN |     |                         |
| B    | 36885564 | 1   | CAP , FUEL TANK      | R    | 35279025           | 8   | SCREW                   |
|      | 35385111 | 1   | GASKET               | S    | 36923274           | 1   | BRACKET , FILTER        |
| C    | 95916532 | 5   | SCREW                | T    | 36870566           | 1   | FILTER , ENGINE FUEL    |
| D    | 36792828 | 1   | COVER                | U    | 36889608           | 2   | SCREW                   |
| E    | 35361849 | 1   | GASKET               | V    | 36881886           | 3   | NUT                     |
| F    | 35363498 | 1   | HOSE ( 4 INCHES )    | W    | 22259386           | 1   | STRAP , VERTICAL        |
| G    | 36845493 | 1   | FILTER , INLINE      | X    | 22260905           | 1   | STRAP , TOP             |
| H    | 35363498 | 1   | HOSE ( 30 INCHES )   | Y    | 35392307           | 2   | FUEL TANK PIPE ASSEMBLY |
| J    |          |     | ENGINE INJECTOR PUMP | Z    | 35384577           | 2   | BUSHING                 |
| K    | 35363498 | 1   | HOSE ( 30 INCHES )   | A1   | 36881886           | 2   | NUT                     |
| L    | 35296342 | 10  | CLAMP                | A2   | 36500957           | 1   | FILTER                  |
| M    | 35282078 | 1   | HOSE ( 24 INCHES )   | A3   | 36889608           | 2   | SCREW                   |
| N    | 35363498 | 1   | HOSE ( 23 INCHES )   | A4   | 35378538           | 2   | ELBOW , BARBED          |
| P    |          |     | TO ENGINE            |      |                    |     |                         |

MANUAL NO.—DRAWING NO. DATE / REV:  
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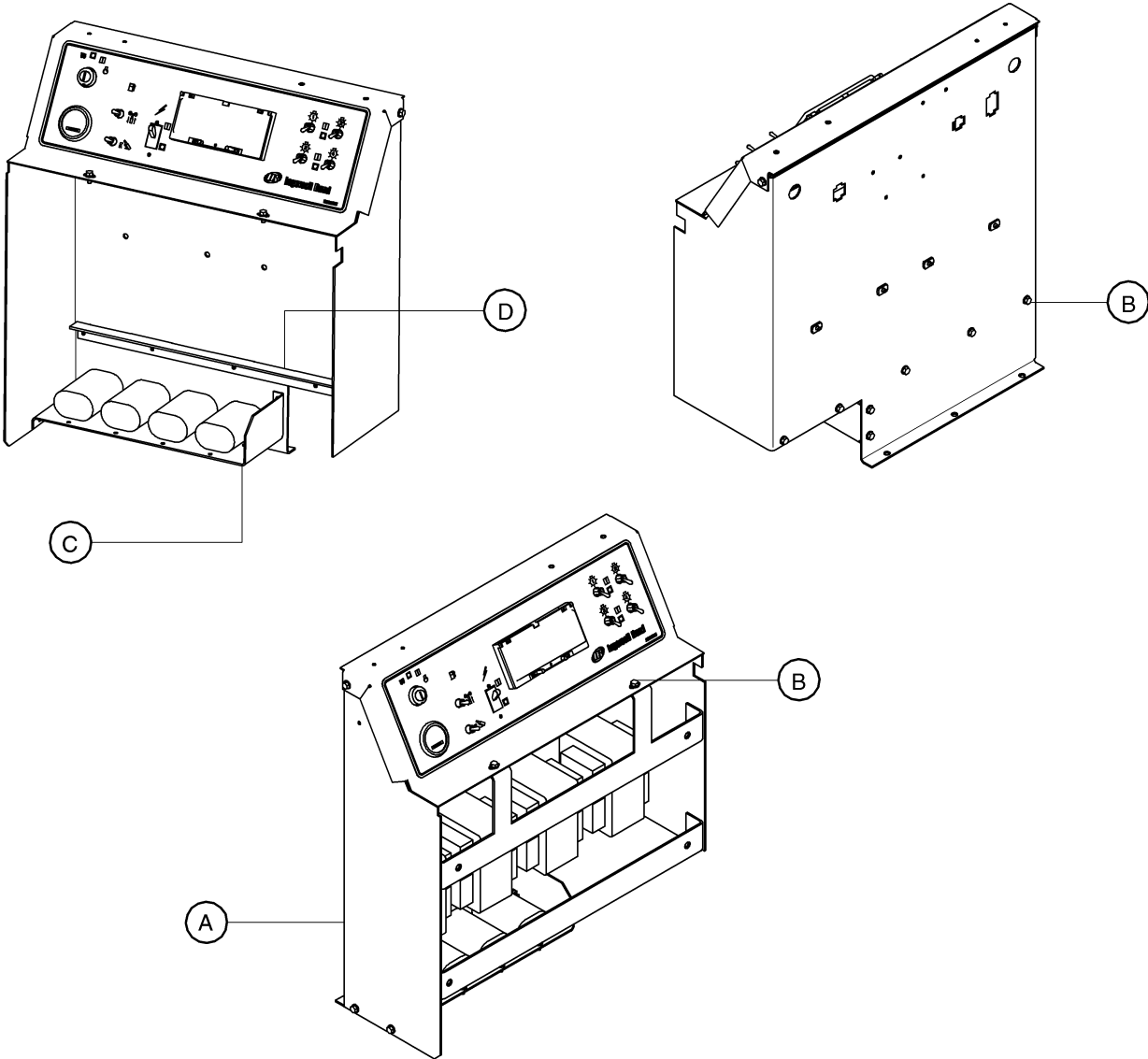
BATTERY AND MOUNTING



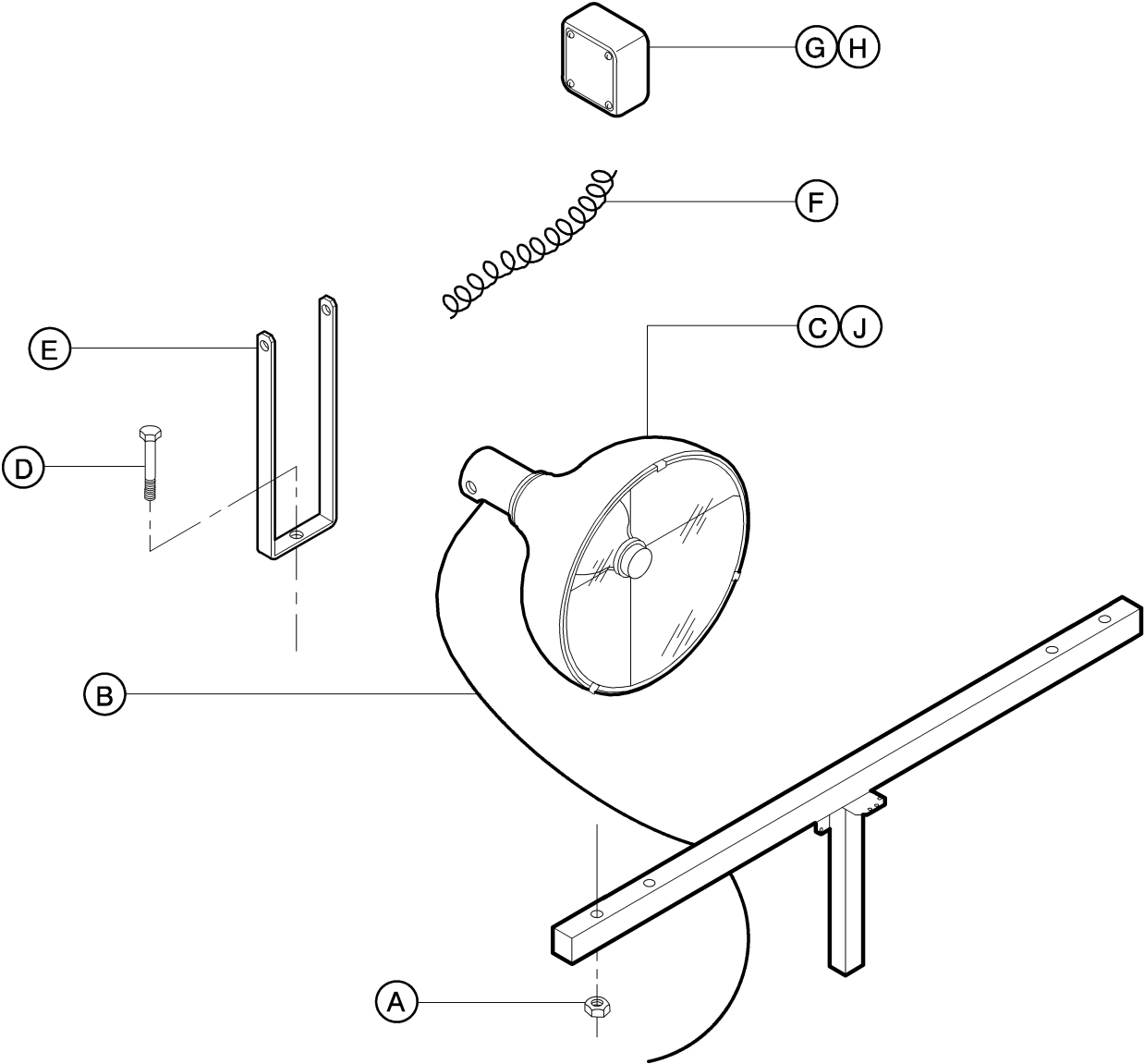
| ITEM | CPN      | QTY | DESCRIPTION                    | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|--------------------------------|------|-----|-----|-------------|
| A    | 36923282 | 2   | ROD , HOLD-DOWN ROD            |      |     |     |             |
| B    | 22246797 | 1   | BATTERY , 12V                  |      |     |     |             |
| C    | 36892685 | 1   | CABLE , NEGATIVE ( 37 INCHES ) |      |     |     |             |
| D    | 36853257 | 1   | ANGLE , TIE-DOWN               |      |     |     |             |
| E    | 35516582 | 1   | CABLE , POSITIVE ( 48 INCHES ) |      |     |     |             |
| F    | 95923298 | 2   | NUT                            |      |     |     |             |
| G    | 36853265 | 2   | WASHER , NYLON                 |      |     |     |             |
|      | 35578194 | 1   | STRAP , GROUND                 |      |     |     |             |



| ITEM | CPN      | QTY | DESCRIPTION                         | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-------------------------------------|------|-----|-----|-------------|
| A    | 36797652 | 13  | SCREW                               |      |     |     |             |
| B    | 36923076 | 1   | BRACKET , CAPACITOR                 |      |     |     |             |
| C    | 43214097 | 4   | BALLAST AND CAPACITOR               |      |     |     |             |
| D    | 43214097 | 4   | BALLAST AND CAPACITOR               |      |     |     |             |
| E    | 22111876 | 1   | DECAL , CONTROL PANEL ( MANUAL )    |      |     |     |             |
|      | 22275275 | 1   | DECAL , CONTROL PANEL ( ELECTRIC )  |      |     |     |             |
| F    | 36841245 | 1   | HOURMETER                           |      |     |     |             |
| G    | 36786457 | 1   | SWITCH , IGNITION                   |      |     |     |             |
| H    | 22123517 | 1   | BREAKER , 25A CIRCUIT               |      |     |     |             |
| J    | 22113021 | 1   | COVER , BREAKER                     |      |     |     |             |
| K    | 21110449 | 1   | COVER , CONTROL PANEL               |      |     |     |             |
| L    | 35300771 | 4   | SCREW                               |      |     |     |             |
| M    | 35337435 | 4   | BREAKER , LAMP ( DPST )             |      |     |     |             |
| N    | 36923068 | 1   | BALLAST BOX ASSEMBLY                |      |     |     |             |
| P    | 36850402 | 1   | BREAKER , 70 AMP                    |      |     |     |             |
|      | 95942496 | 2   | SCREW                               |      |     |     |             |
| Q    | 36794204 | 2   | SWITCH , SPDT TOGGLE                |      |     |     |             |
|      | 54364864 | 1   | HARNESS , CONTROL PANEL - MSA 60 HZ |      |     |     |             |
|      | 22111082 | 1   | HARNESS , CONTROL PANEL - ESA 50 HZ |      |     |     |             |

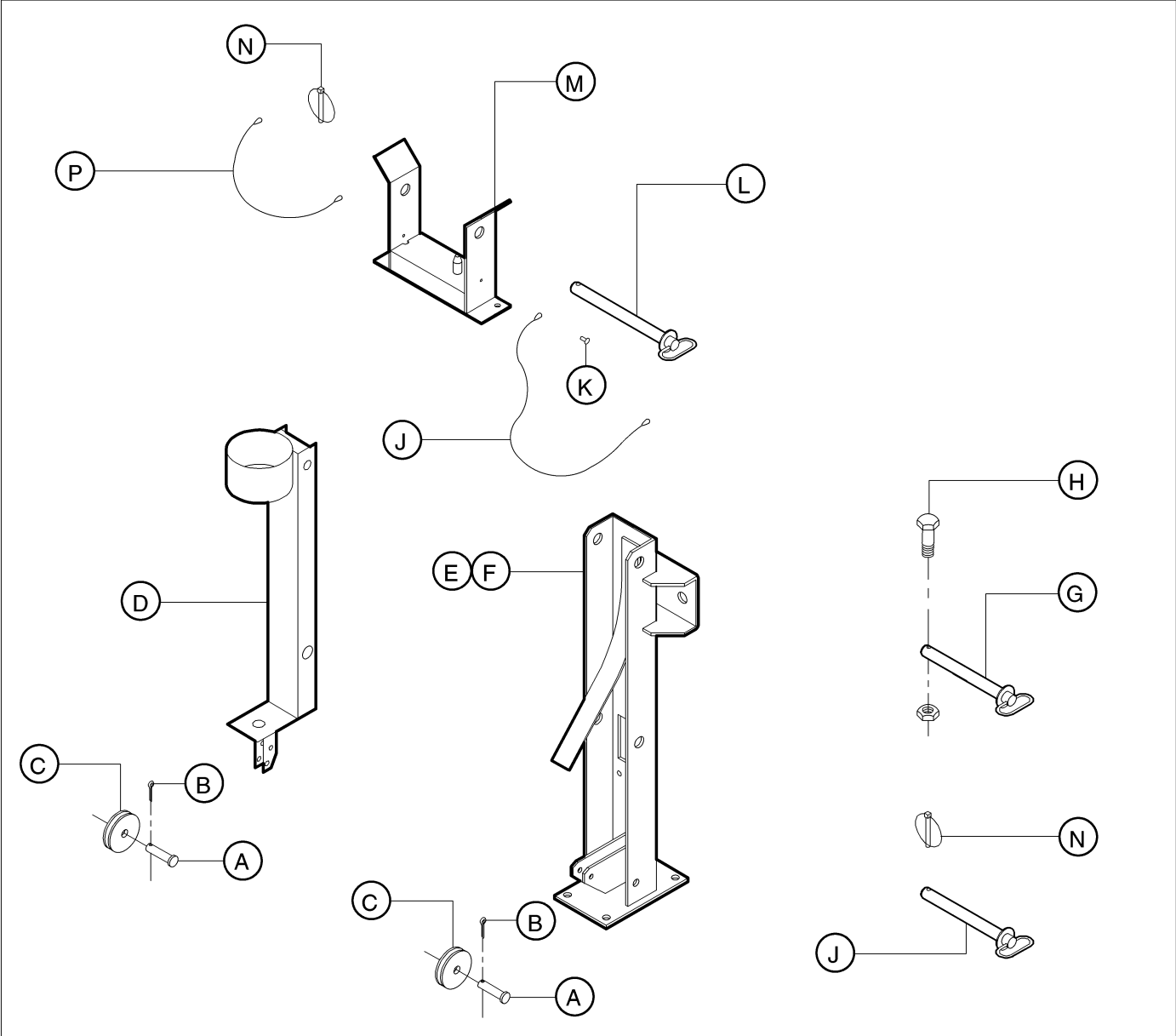


| ITEM | CPN      | QTY | DESCRIPTION           | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-----------------------|------|-----|-----|-------------|
| A    | 36923068 | 1   | BRACKET , BALLAST BOX |      |     |     |             |
| B    | 36797652 | 21  | SCREW                 |      |     |     |             |
| C    | 36923076 | 1   | BRACKET , CAPACITOR   |      |     |     |             |
| D    | 36923050 | 1   | BRACKET , BALLAST BOX |      |     |     |             |



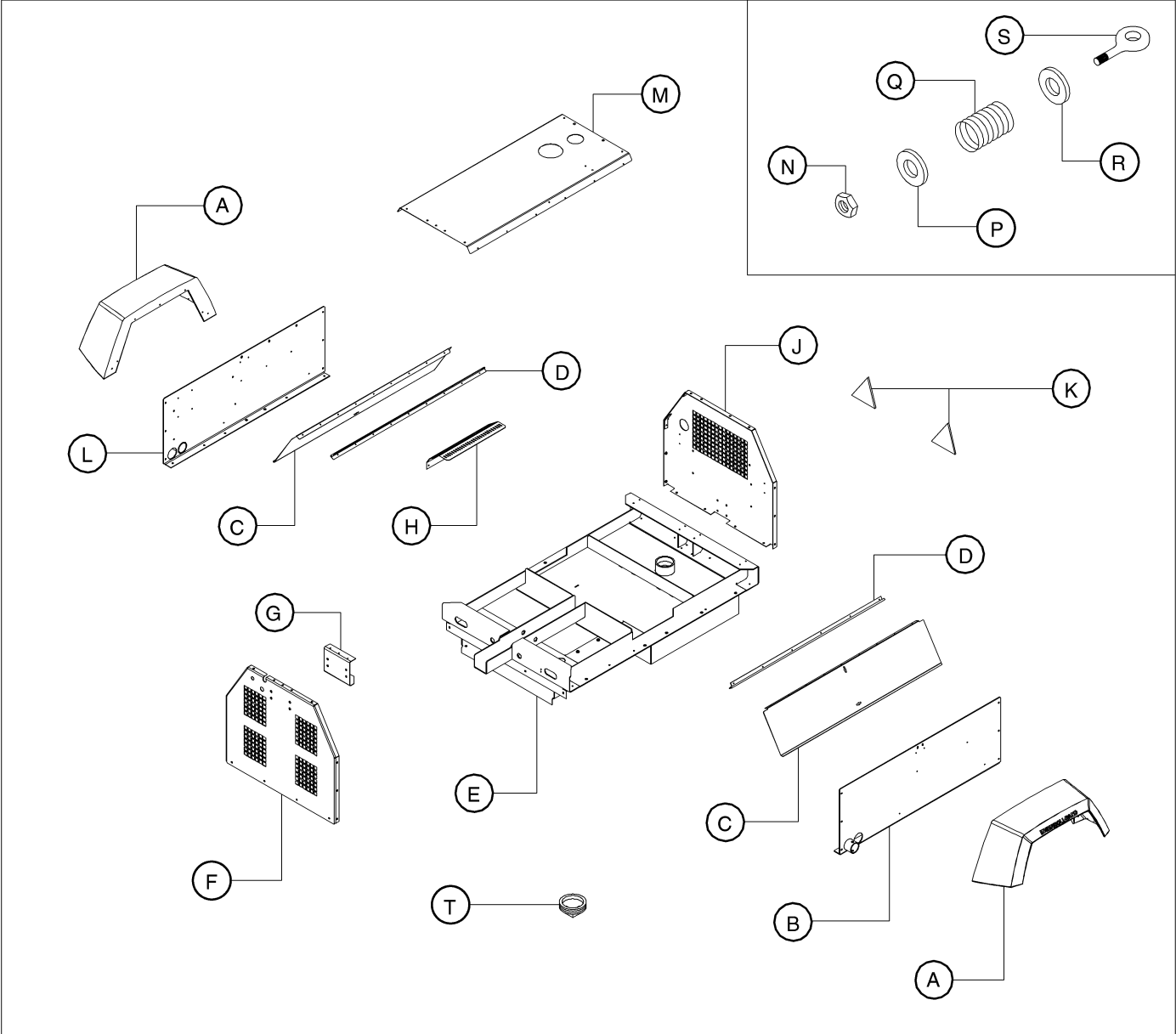
| ITEM | CPN      | QTY | DESCRIPTION         | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|---------------------|------|-----|-----|-------------|
| A    | 95923363 | 4   | NUT                 |      |     |     |             |
| B    | 36885481 | 4   | CORD WITH PLUG      |      |     |     |             |
| C    | 22282586 | 4   | OPTICAL ASSEMBLY    |      |     |     |             |
| D    | 95935478 | 4   | SCREW               |      |     |     |             |
| E    | 36922920 | 4   | TRUNNION            |      |     |     |             |
| F    | 54363734 | 1   | CORD                |      |     |     |             |
| G    | 36885838 | 1   | BOX , JUNCTION      |      |     |     |             |
| H    | 36885945 | 1   | COVER               |      |     |     |             |
| J    | 36847747 | 4   | LAMP , METAL HALIDE |      |     |     |             |

TOWER BRACKETS



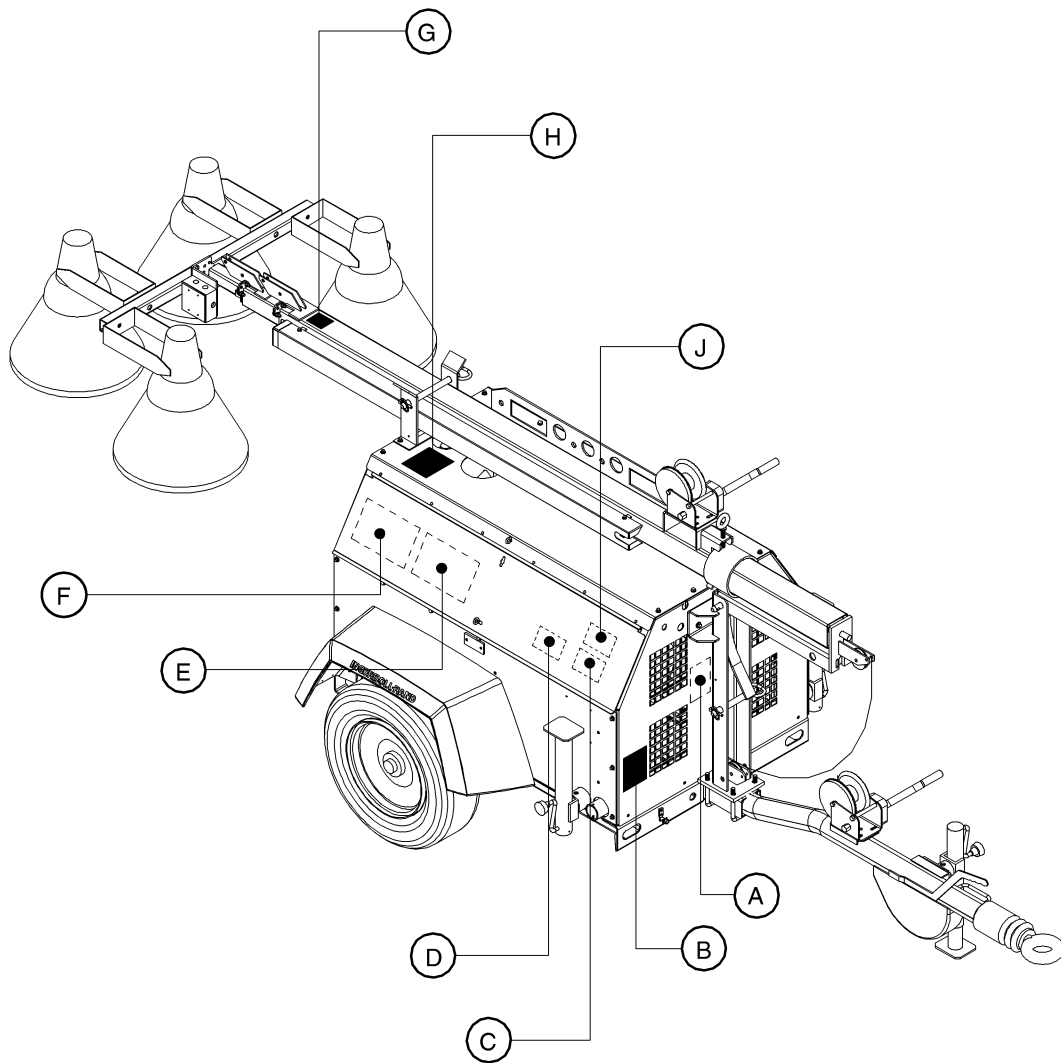
| ITEM | CPN      | QTY | DESCRIPTION           | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-----------------------|------|-----|-----|-------------|
| A    | 36783868 | 1   | PIN , PULLEY          |      |     |     |             |
| B    | 95928867 | 1   | PIN , COTTER          |      |     |     |             |
| C    | 36783009 | 1   | PULLEY                |      |     |     |             |
| D    | 36885614 | 1   | SUPPORT , TOWER PIVOT |      |     |     |             |
| E    | 36923258 | 1   | SUPORT , TOWER        |      |     |     |             |
| F    | 36885549 | 1   | SPRING , FLAT         |      |     |     |             |
| G    | 36869253 | 1   | BOLT                  |      |     |     |             |
| H    | 35271170 | 1   | BOLT                  |      |     |     |             |
|      | 36881886 | 1   | NUT                   |      |     |     |             |
| J    | 36786218 | 1   | CABLE , PIN           |      |     |     |             |
| K    | 36843282 | 1   | RIVET                 |      |     |     |             |
| L    | 36870020 | 1   | PIN                   |      |     |     |             |
| M    | 36885697 | 1   | REST , TOWER          |      |     |     |             |
| N    | 36794170 | 1   | PIN , SPRING          |      |     |     |             |
| P    | 36786226 | 1   | CABLE , PIN           |      |     |     |             |

ENCLOSURE ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION          | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|----------------------|------|-----|-----|-------------|
| A    | 36877579 | 1   | FENDER               |      |     |     |             |
| B    | 22261390 | 1   | PANEL , LEFT SIDE    |      |     |     |             |
| C    | 36923183 | 1   | DOOR                 |      |     |     |             |
| D    | 36923175 | 1   | HINGE , DOOR         |      |     |     |             |
| E    | 22245047 | 1   | FRAME ASSEMBLY       |      |     |     |             |
| F    | 22132096 | 1   | PANEL , FRONT END    |      |     |     |             |
| G    | 36923233 | 1   | SUPPORT , END PANEL  |      |     |     |             |
| H    | 22253470 | 1   | SHIELD , HEAT        |      |     |     |             |
| J    | 22257216 | 1   | PANEL , REAR END     |      |     |     |             |
| K    | 36887701 | 1   | REFLECTOR , TRIANGLE |      |     |     |             |
| L    | 22261382 | 1   | PANEL , RIGHT SIDE   |      |     |     |             |
| M    | 36923167 | 1   | PANEL , TOP          |      |     |     |             |
| N    | 95923298 | 1   | NUT                  |      |     |     |             |
| P    | 36772028 | 1   | WASHER , NYLON       |      |     |     |             |
| Q    | 35607837 | 1   | SPRING               |      |     |     |             |
| R    | 95935029 | 1   | WASHER               |      |     |     |             |
| S    | 35607829 | 1   | EYEBOLT              |      |     |     |             |
| T    | 22283865 | 1   | 3" PLASTIC NPT PLUG  |      |     |     |             |

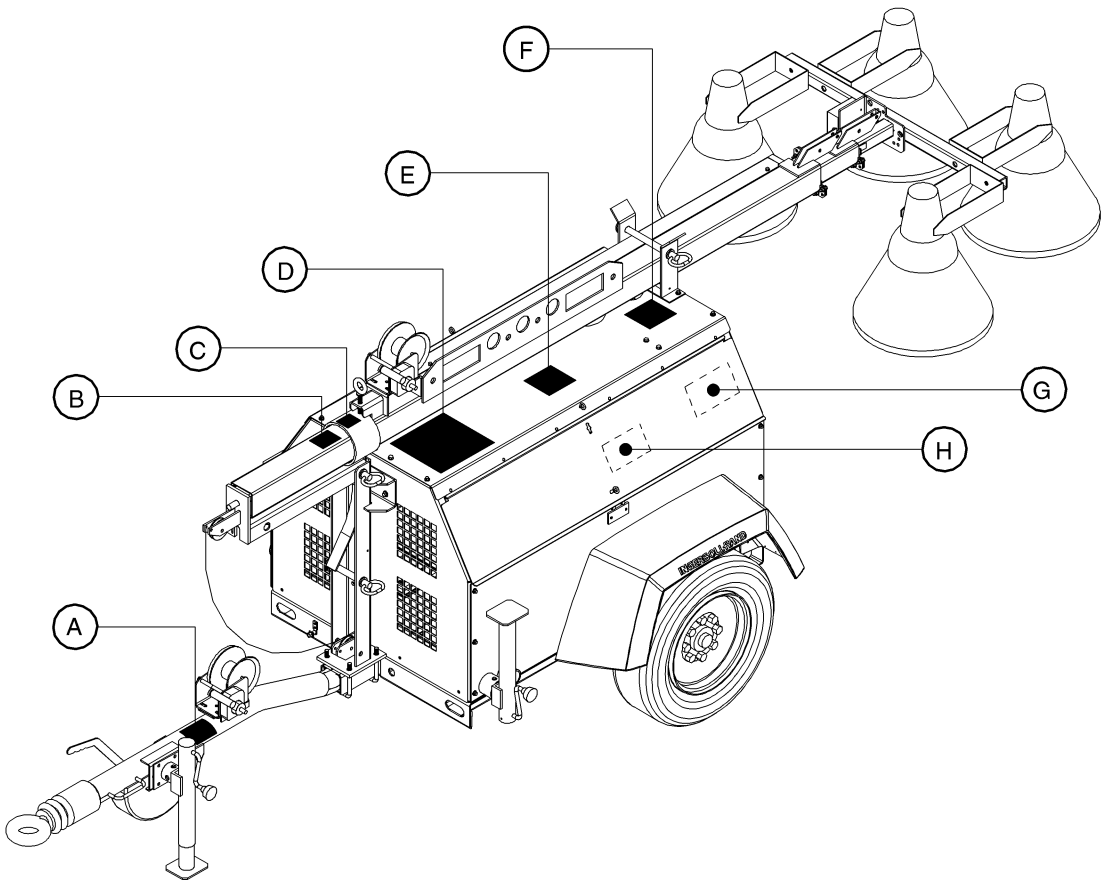
DECAL LOCATION



| ITEM                        | CPN      | QTY | DESCRIPTION                    | ITEM | CPN | QTY | DESCRIPTION |
|-----------------------------|----------|-----|--------------------------------|------|-----|-----|-------------|
| A                           | 54568753 | 1   | DECAL , COMBUSTIBLE GAS        |      |     |     |             |
| B                           | 54604905 | 1   | DECAL , 3-PART WARNING         |      |     |     |             |
| C                           | 54630033 | 1   | DECAL , OPERATING INSTRUCTIONS |      |     |     |             |
| D                           | 54605027 | 1   | DECAL , HAZARDOUS VOLTAGE      |      |     |     |             |
| E                           | 54369806 | 1   | DECAL , ENGINE WIRING          |      |     |     |             |
| F                           | 22144760 | 1   | DECAL , GENERATOR WIRING       |      |     |     |             |
| G                           | 36524353 | 1   | DECAL , TOWER STOP             |      |     |     |             |
| H                           | 54604962 | 1   | DECAL , COOLANT FILL           |      |     |     |             |
| J                           | 54568787 | 1   | DECAL , IMPROPER GROUNDING     |      |     |     |             |
| 36069193 DECAL KIT COMPLETE |          |     |                                |      |     |     |             |



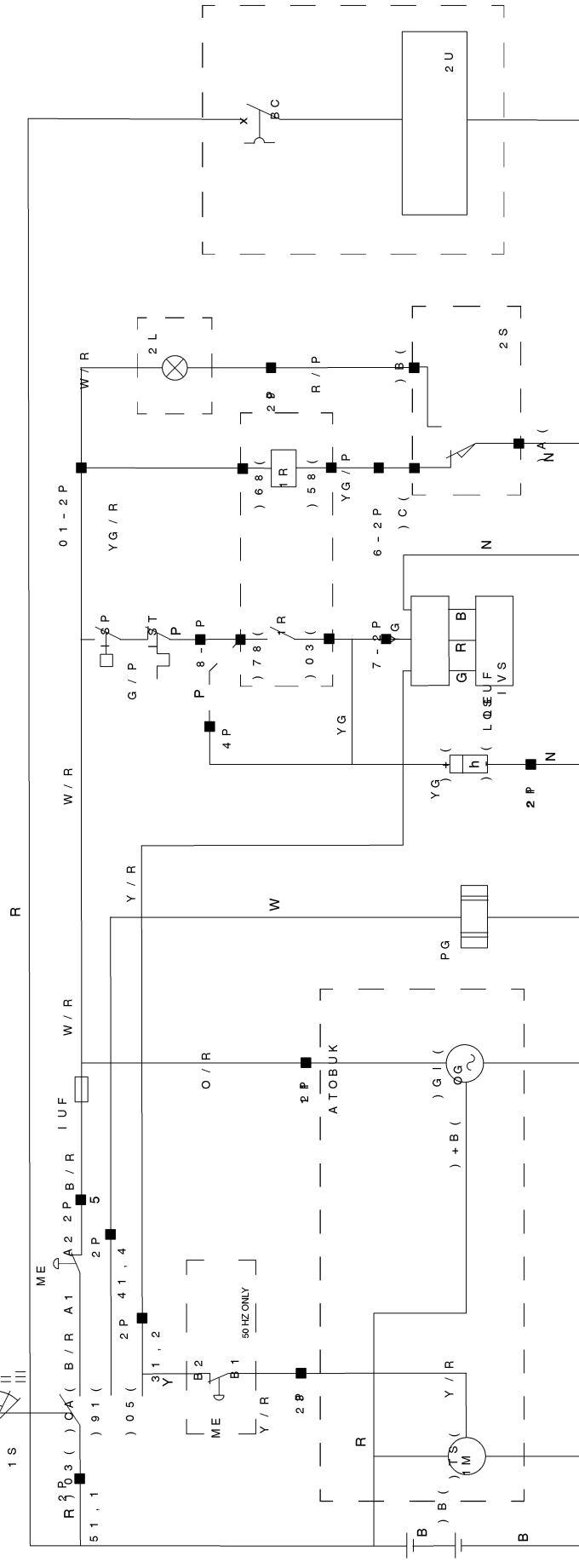
DECAL LOCATION



| ITEM                        | CPN      | QTY | DESCRIPTION                  | ITEM | CPN | QTY | DESCRIPTION |
|-----------------------------|----------|-----|------------------------------|------|-----|-----|-------------|
| A                           | 54568803 | 1   | DECAL , COLLAPSING JACKSTAND |      |     |     |             |
| B                           | 54604947 | 1   | DECAL , ULTRA VIOLET         |      |     |     |             |
| C                           | 36524304 | 1   | DECAL , TOWER ALIGN          |      |     |     |             |
| D                           | 36531564 | 1   | DECAL , TOWER OPERATING      |      |     |     |             |
| E                           | 36529824 | 1   | DECAL , LIFTING INSTRUCTIONS |      |     |     |             |
| F                           | 54568761 | 1   | DECAL , HOT FLUID            |      |     |     |             |
| G                           | 54568779 | 1   | DECAL , ROTATING FAN         |      |     |     |             |
| H                           | 54625207 | 1   | DECAL , DIESEL FUEL          |      |     |     |             |
| 36069193 DECAL KIT COMPLETE |          |     |                              |      |     |     |             |

B - BATTERY - 22246797  
 CB - WINCH CIRCUIT BREAKER - 36850402  
 H - HOURMETER - 36841245  
 L2 - LOW FUEL LAMP (OPTION) - 36883825  
 PSI - OIL PRESSURE SWITCH - 36878379  
 RI - FUEL SHUTDOWN RELAY (OPTION) 36878361  
 SI - MAINS SWITCH - 36786457  
 S2 - LOW FUEL SWITCH (OPTION) - 54414669  
 TS1 - WATER TEMPERATURE SWITCH - 36868479  
 U2 - ELECTRIC WINCH - 36878056  
 EM - EMERGENCY STOP - 36883809

6 5 8 4 6 3 5 5 E N R A N I R E W I G N E  
 S) T I 1 2 3 4 6 3 5 5 E N R A H E N A L P O R T N O C  
 S) T I 1 2 3 4 6 3 5 5 E N R A H E N A L P O R T N O C

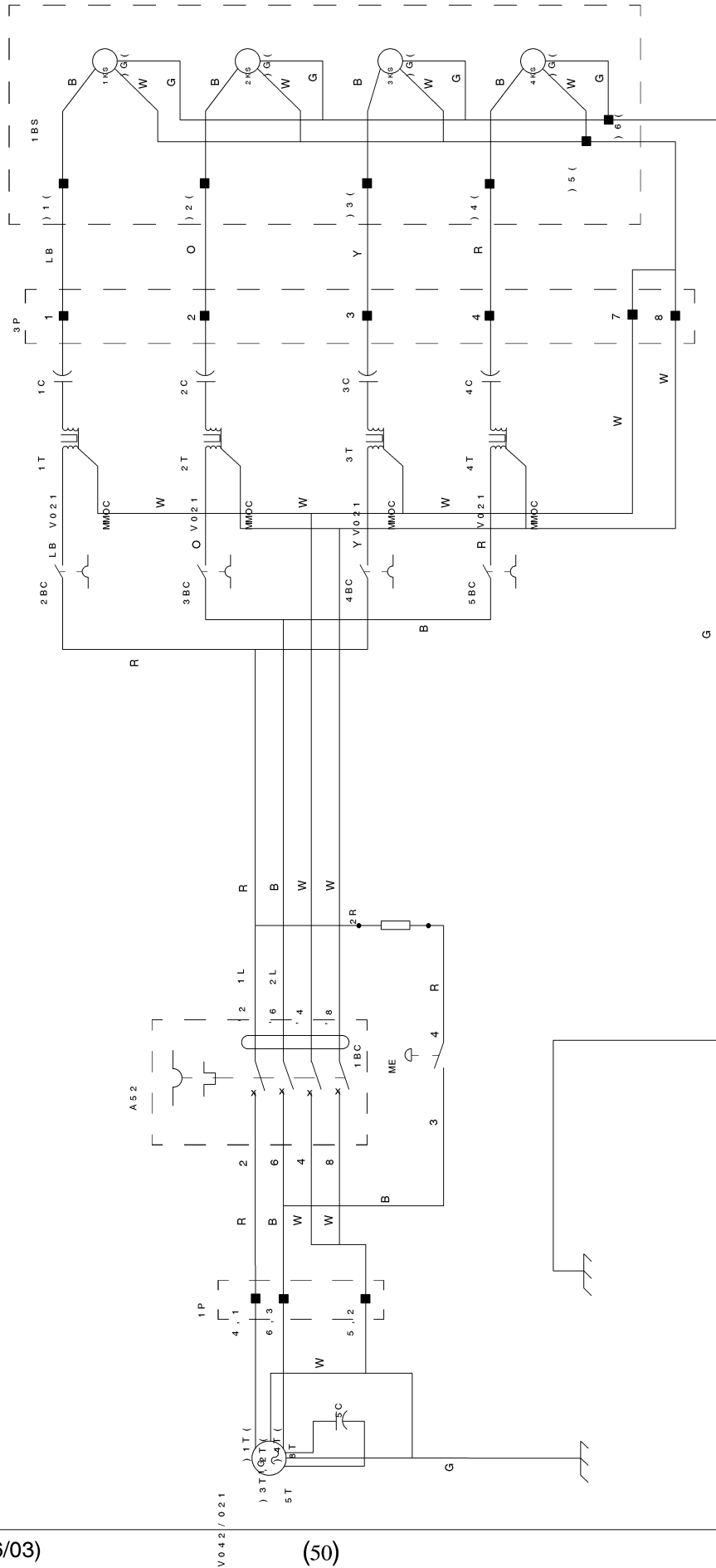


© D I T A M E H C S

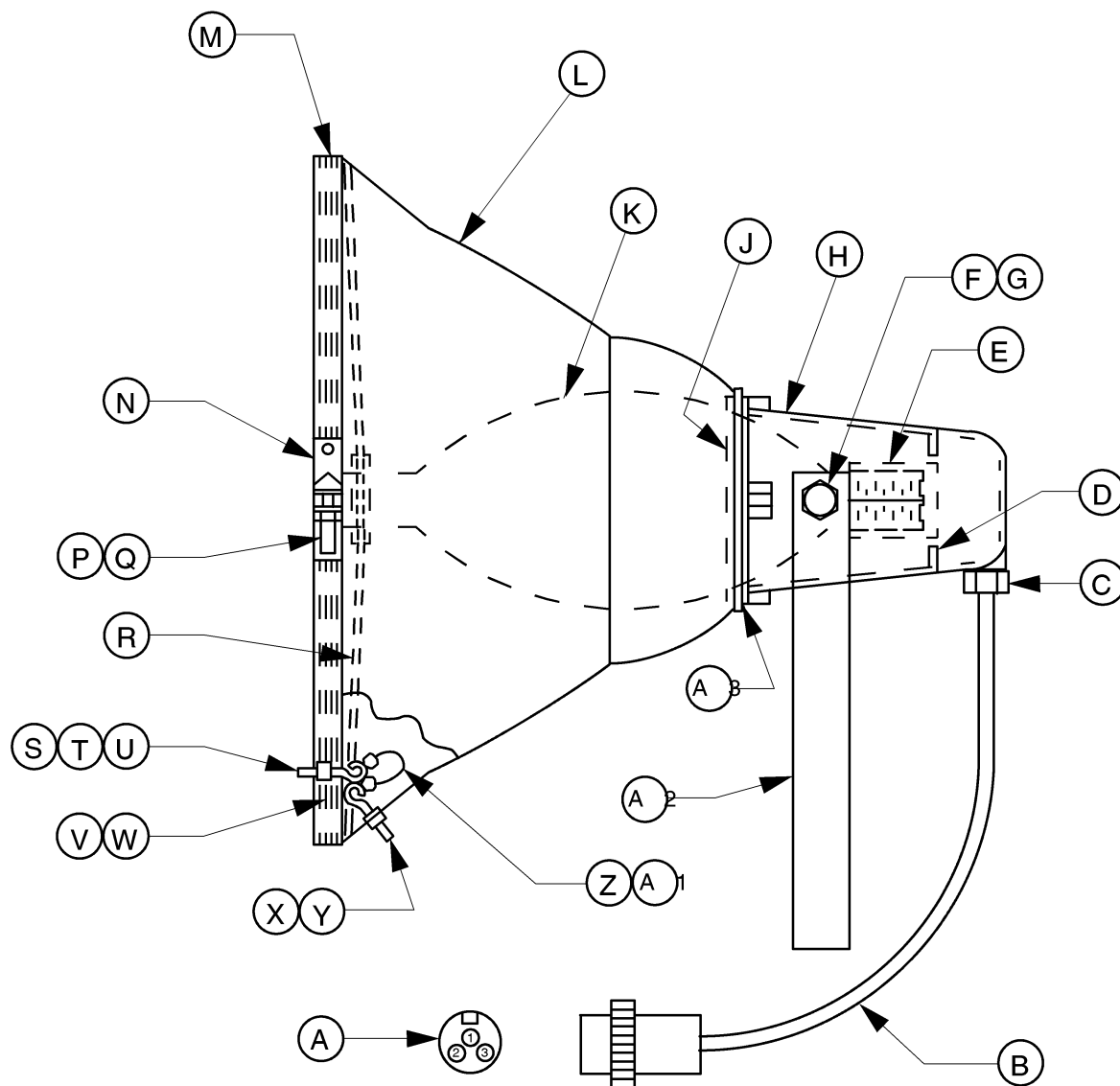
# GENERATOR WIRING DIAGRAM

YK  
/ REKAERB UCRB  
EC I VERRUUD I SER  
HCT I WS / REKAERB UCRB - 2BC  
ROT I CAP XGAL MARI C  
ROT I CAP ROTAREBEG  
NOTTUBHSBOTSNEGRBE

ROTAREBEG  
RETS I SERBET  
) STHG I KBLTUBKGS  
) STHG I UELTUBKGS  
REMROFSNAREBAL MARI T

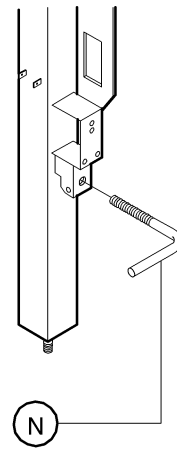
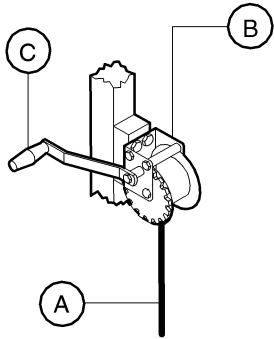
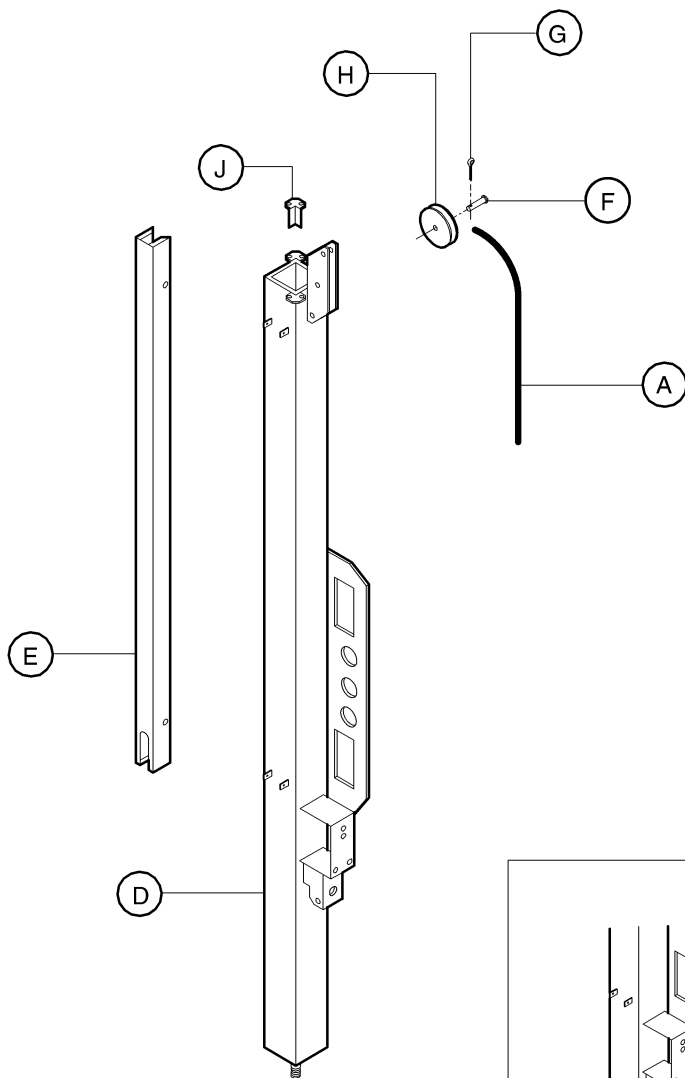
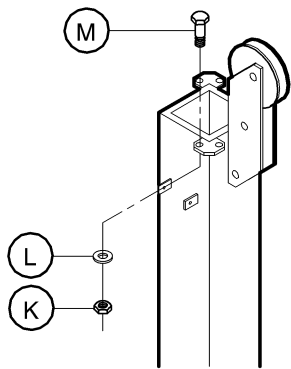


CAI TAMEHCS



| ITEM | CPN                           | QTY | DESCRIPTION               | ITEM | CPN      | QTY | DESCRIPTION          |
|------|-------------------------------|-----|---------------------------|------|----------|-----|----------------------|
| A    | FACE VIEW OF MALE PLUG        |     |                           | V    | 36885309 | 1   | GASKET               |
| B    | 36885481                      | 1   | CORD WITH PLUG            | W    | 36885317 | 1   | LENS                 |
| C    | 36885424                      | 1   | RELIEF , STRAIN           | X    | 36885390 | 2   | LOCKNUT              |
| D    | 36885416                      | 1   | BRACKET                   | Y    | 36885408 | 2   | EYEBOLT              |
| E    | 36885358                      | 1   | SOCKET                    | Z    | 36885333 | 1   | CABLE , LENS SUPPORT |
| F    | 22282594                      | 2   | BOLT                      | A1   | 36885341 | 2   | CRIMP , CABLE        |
| G    | 36885465                      | 2   | WASHER                    | A2   | 36922920 | 1   | TRUNION              |
| H    | 36885366                      | 1   | HOUSING                   | A3   | 36885325 | 1   | GASKET               |
| J    | 36885374                      | 1   | RING                      |      | 22282586 | 1   | OPTICAL ASSEMBLY     |
| K    | 36847747                      | 1   | LAMP , 1000W METAL HALIDE |      |          |     |                      |
| L    | 36885275                      | 1   | REFLECTOR                 |      |          |     |                      |
| M    | 36885291                      | 1   | RING , RETAINING          |      |          |     |                      |
| N    | 36885432                      | 2   | LENS "L" BRACKET          |      |          |     |                      |
| P    | BOLT ( FURNISHED WITH LIGHT ) |     |                           |      |          |     |                      |
| Q    | NUT ( FURNISHED WITH LIGHT )  |     |                           |      |          |     |                      |
| R    | 36885473                      | 1   | SUPPORT , LAMP            |      |          |     |                      |
| S    | 36885382                      | 1   | SLEEVE , INSERT           |      |          |     |                      |
| T    | 36885390                      | 4   | LOCKNUT                   |      |          |     |                      |
| U    | 36885408                      | 2   | EYEBOLT                   |      |          |     |                      |

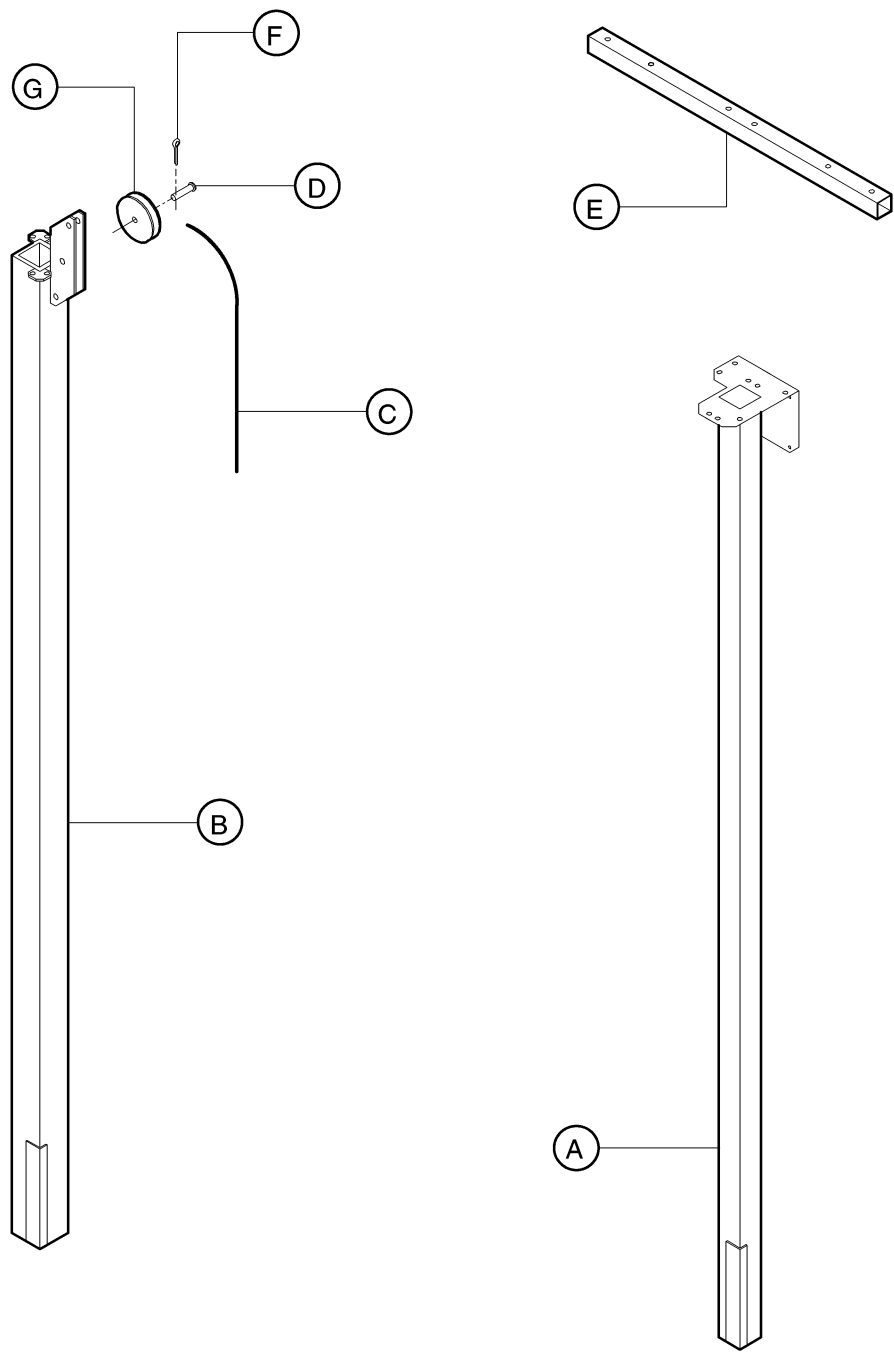
## TOWER ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION                   | ITEM | CPN                    | QTY | DESCRIPTION        |
|------|----------|-----|-------------------------------|------|------------------------|-----|--------------------|
| A    | 36876225 | 1   | CABLE                         | J    | 22284079               | 2   | SLIDE              |
|      | 35612480 | 1   | CABLE KEEPER KIT              | K    | 36769743               | 4   | NUT                |
| B    | 36923654 | 1   | WINCH , 1500 LB. ( MANUAL )   | L    | 95934998               | 4   | WASHER             |
|      | 36878056 | 1   | WINCH , 3300 LB. ( ELECTRIC ) | M    | 35374834               | 4   | SCREW              |
|      | 22277917 | 1   | COVER , ELECTRIC WINCH        | N    | 54370754               | 1   | L-BOLT             |
| C    | 36923662 | 1   | HANDLE                        |      |                        |     |                    |
| D    | 22284095 | 1   | TUBE , BOTTOM                 |      |                        |     |                    |
| E    | 36785822 | 1   | SHROUD , CABLE                |      |                        |     |                    |
| F    | 36783868 | 1   | PIN , PULLEY                  |      | TAMPER-PROOF WINCH KIT |     |                    |
| G    | 95928867 | 1   | PIN , COTTER                  |      | 22301303               | 1   | NUT , TAMPER-PROOF |
| H    | 36783009 | 1   | PULLEY                        |      | 22301329               | 1   | TOOL , NUT REMOVAL |

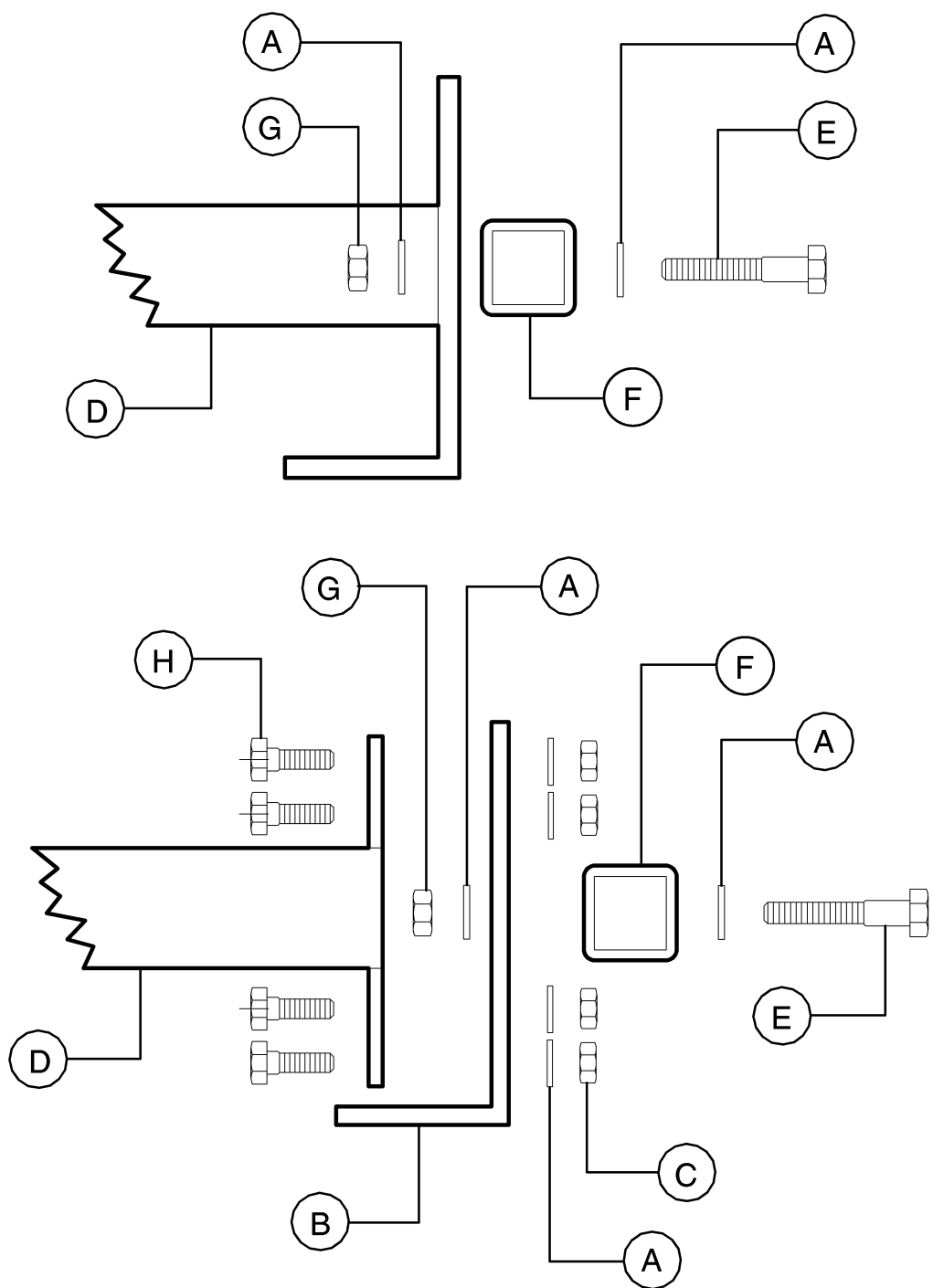
MANUAL NO.—DRAWING NO. DATE / REV:  
22149124 20 6/03 B

TOWER ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION           | ITEM | CPN      | QTY | DESCRIPTION |
|------|----------|-----|-----------------------|------|----------|-----|-------------|
| A    | 22284111 | 1   | TUBE , TOP ( OPTION ) | J    | 22284079 | 2   | SLIDE       |
| B    | 22284087 | 1   | TUBE , MIDDLE         | K    | 36769743 | 4   | NUT         |
| C    | 36876225 | 1   | CABLE                 | L    | 95934998 | 4   | WASHER      |
| D    | 36783868 | 1   | PIN                   | M    | 35374834 | 4   | SCREW       |
| E    | 22284103 | 1   | BAR , CROSS           | N    | 54370754 | 1   | L-BOLT      |
| F    | 95928867 | 1   | PIN , COTTER          |      |          |     |             |
| G    | 36783009 | 1   | PULLEY                |      |          |     |             |

CROSS-BAR TO TOWER MOUNTING



| ITEM | CPN      | QTY | DESCRIPTION       | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-------------------|------|-----|-----|-------------|
| A    | 95935011 | 12  | WASHER            |      |     |     |             |
| B    |          |     | LIGHT BAR BRACKET |      |     |     |             |
| C    | 36769743 | 4   | NUT               |      |     |     |             |
| D    |          |     | TOWER             |      |     |     |             |
| E    | 95995478 | 4   | SCREW             |      |     |     |             |
| F    |          |     | LIGHT BAR         |      |     |     |             |
| G    | 95923363 | 4   | NUT               |      |     |     |             |
| H    | 35374834 | 4   | SCREW             |      |     |     |             |

