



**PARTS MANUAL**

**LIGHTSOURCE LT6K - 50 HZ**



**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.**



**Utility Equipment**  
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## **PARTS ORDERING**

### **GENERAL**

This publication, which accompanies an illustrated parts breakdown manual, has been prepared as an aid in locating those parts which may be required in the maintenance of the unit. Always insist on genuine Ingersoll-Rand Company parts.

Note: Ingersoll-Rand Company can bear no responsibility for injury or damages resulting directly from the use of non-approved repair parts.

### **DESCRIPTION**

The illustrated parts breakdown illustrates and lists the various assemblies, subassemblies and detailed parts which make up this particular machine. This covers the standard models and the more popular options that are available.

### **MARKINGS AND DECALS**

**NOTICE: Do not paint over safety warnings or instructional decals. If safety warning decals become illegible, immediately order replacements from the factory.**

Part numbers for original individual decals and their mounting locations are shown within Parts List Section. These are available as long as a particular model is in production.

Afterwards, service sets of exterior decals and current production safety warning decals are available.

### **HOW TO USE PARTS LIST**

- a. Locate the area in which the desired part is used and find illustration page number.
- b. Locate the desired part on the illustration by visual identification and make note of part number and description.

### **HOW TO ORDER**

The satisfactory ordering of parts by a purchaser is greatly dependent upon the proper use of all available information. By supplying your nearest sales office, autonomous company or authorized distributor, with complete information, you will enable them to fill your order correctly and to avoid any unnecessary delays. In order that all avoidable errors may be eliminated, the following instructions are offered as a guide to the purchaser when ordering replacement parts:

- a. Always specify the model number of the unit.
- b. Always specify the serial number of the unit. **THIS IS IMPORTANT.** The serial number of the unit will be found stamped on a plate attached to the unit.
- c. Always specify the quantity of parts required.
- d. Always specify the part number, as well as the description of the part, or parts, exactly as it is given on the parts list illustration.
- e. Special order parts may not be included in this manual. Contact the Ingersoll-Rand Parts Department at 1-800-633-5206 with the unit serial number for assistance with these special parts.

In the event parts are being returned to your nearest sales office, autonomous company or authorized distributor, for inspection or repair, it is important to include the serial number of the unit from which the parts were removed.

### **TERMS AND CONDITIONS ON PARTS ORDERS**

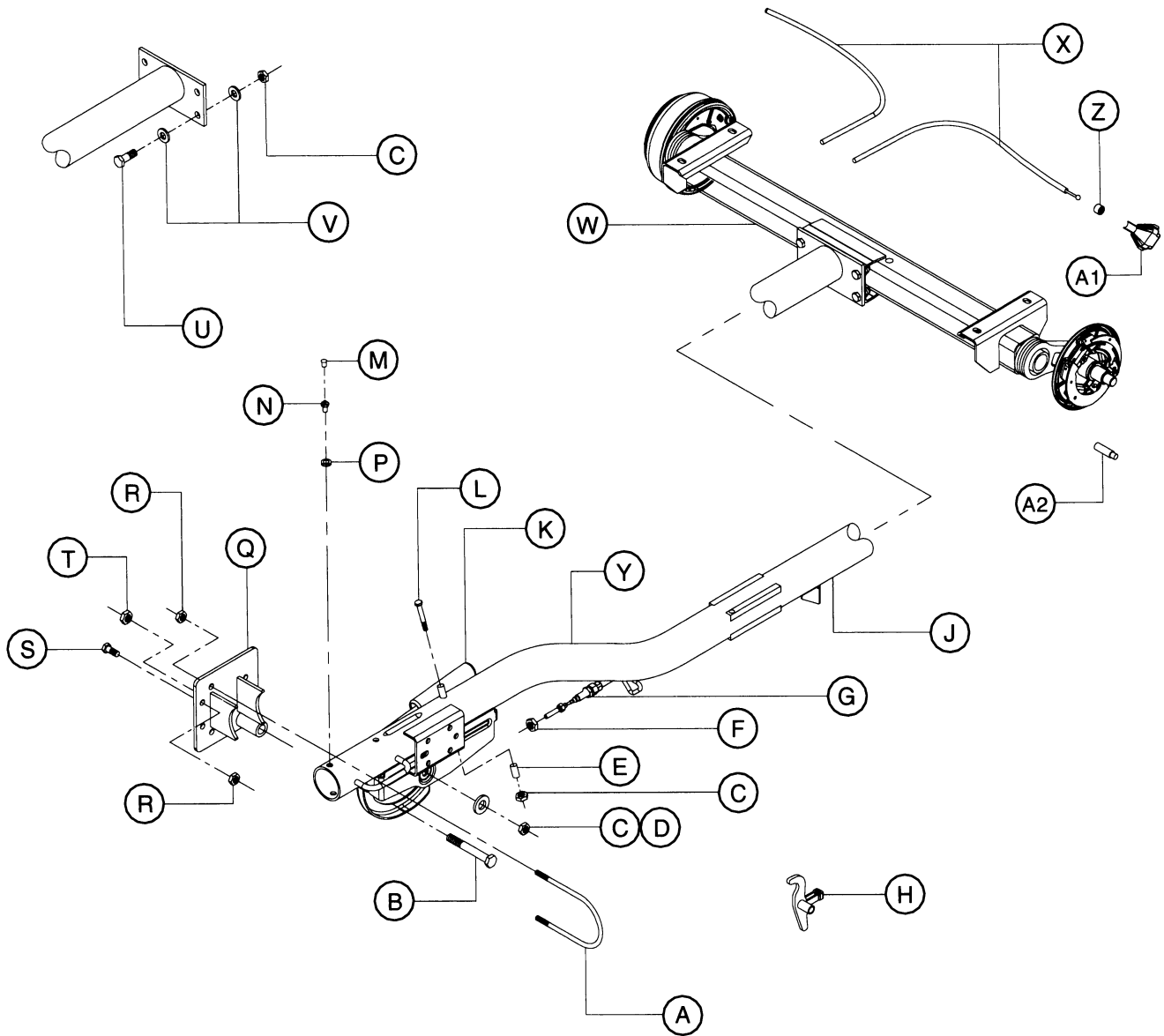
**Acceptance:** Acceptance of an offer is expressly limited to the exact terms contained herein. If purchaser's order form is used for acceptance of an offer, it is expressly understood and agreed that the terms and conditions of such

**Book # 22545503 (2/05)**

order form shall not apply unless expressly agreed to by Ingersoll-Rand Company ("Company") in writing. No additional or contrary terms will be binding upon the Company unless expressly agreed to in writing.

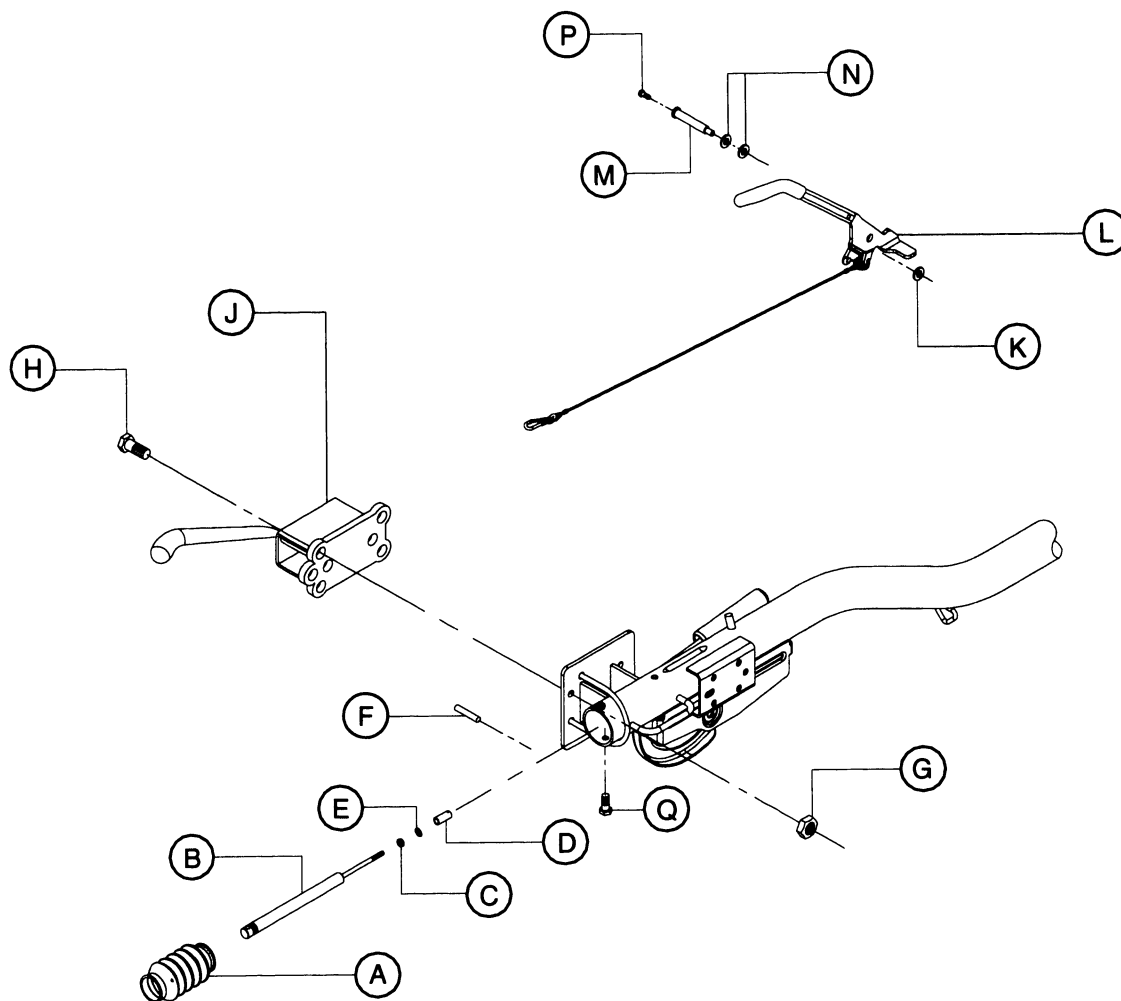
**Taxes:** Any tax or other governmental charge now or hereafter levied upon the production, sale, use or shipment of material and equipment ordered or sold is not included in the Company's price and will be charged to and paid for by the Purchaser.

# RUNNING GEAR ASSEMBLY



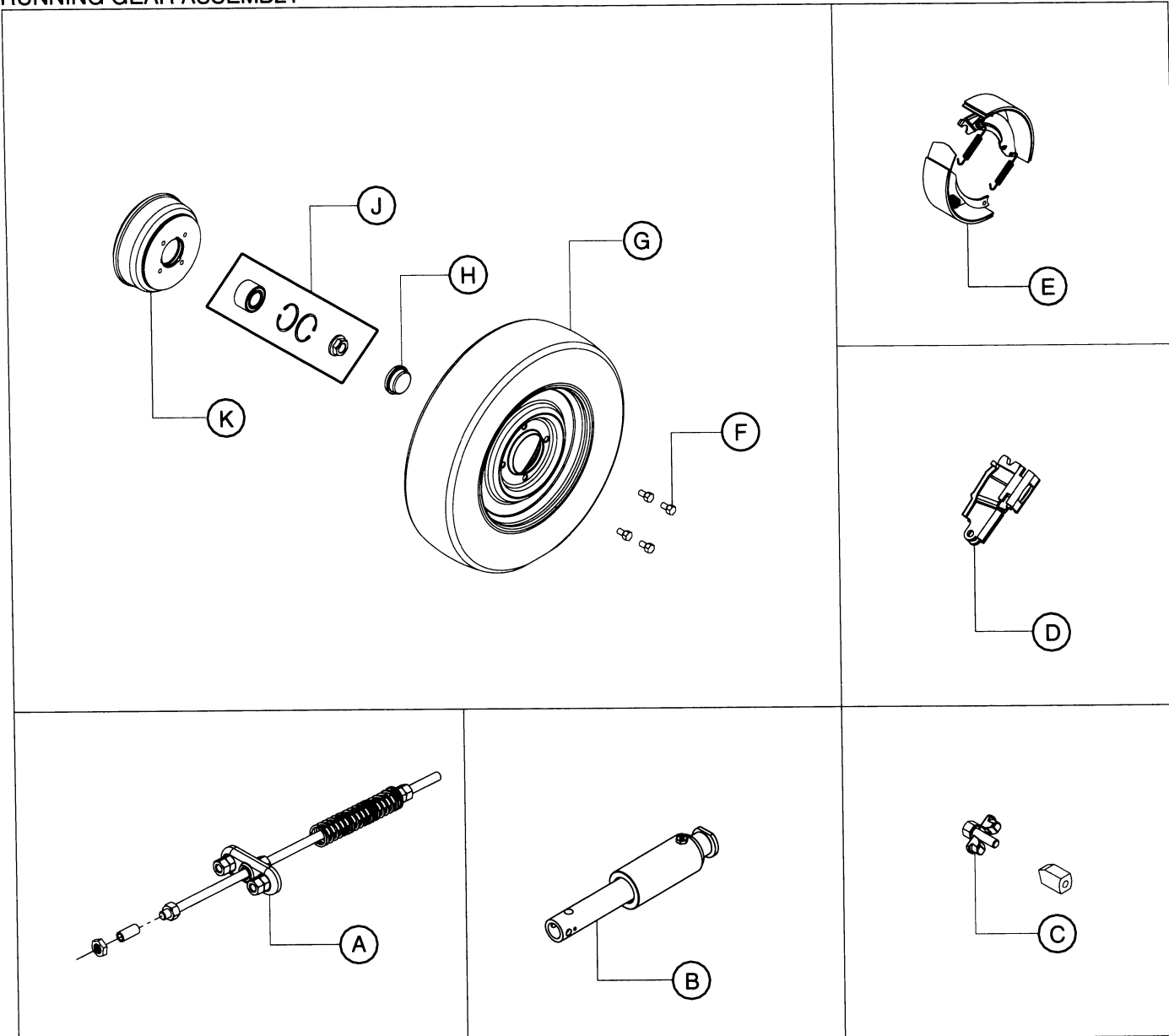
| ITEM | CPN                 | QTY | DESCRIPTION               | ITEM | CPN      | QTY | DESCRIPTION                 |
|------|---------------------|-----|---------------------------|------|----------|-----|-----------------------------|
| A    | 22398242            | 1   | U-BOLT                    | P    | 22051460 | 4   | CALIPER                     |
| B    | 96707377            | 1   | SCREW                     | Q    | 22398259 | 1   | BRACKET , JOCKEY WHEEL      |
| C    | 22051494            | 6   | LOCKNUT                   | R    | 96727300 | 6   | LOCKNUT                     |
| D    | 22312417            | 1   | WASHER                    | S    | 96737556 | 4   | BOLT                        |
| E    | 22051551            | 2   | BUSHING                   | T    | 96737747 | 1   | LOCKNUT                     |
| F    | 22051577            | 2   | LOCKNUT                   | U    | 22104806 | 4   | SCREW                       |
| G    | <del>22312367</del> | 1   | CABLE                     | V    | 2104814  | 8   | WASHER                      |
| H    | 22051627            | 1   | LEVER                     | W    | 2312425  | 1   | AXLE                        |
| J    | 22548432            | 1   | DRAWBAR COMPLETE ASSEMBLY | X    | 22617146 | 2   | CABLE                       |
| K    | 22182802            | 1   | SPRING , HANDBRAKE        | Y    | 22617005 | 1   | TUBE , DRAWBAR              |
| L    | 22051596            | 1   | SCREW                     | Z    | 22051247 | 4   | COVER                       |
| M    | 22312375            | 2   | CAP , NIPPLE              | A1   | 22051254 | 2   | SHELL                       |
| N    | 22051403            | 2   | SCREW                     | A2   | 22051262 | 2   | CABLE ATTACHMENT            |
|      |                     |     |                           |      | 22053763 | 1   | JOCKEY WHEEL ASSEMBLY       |
|      |                     |     |                           |      | 22492904 | 1   | RUNNING GEAR COMPLETE ASSY. |

# RUNNING GEAR ASSEMBLY



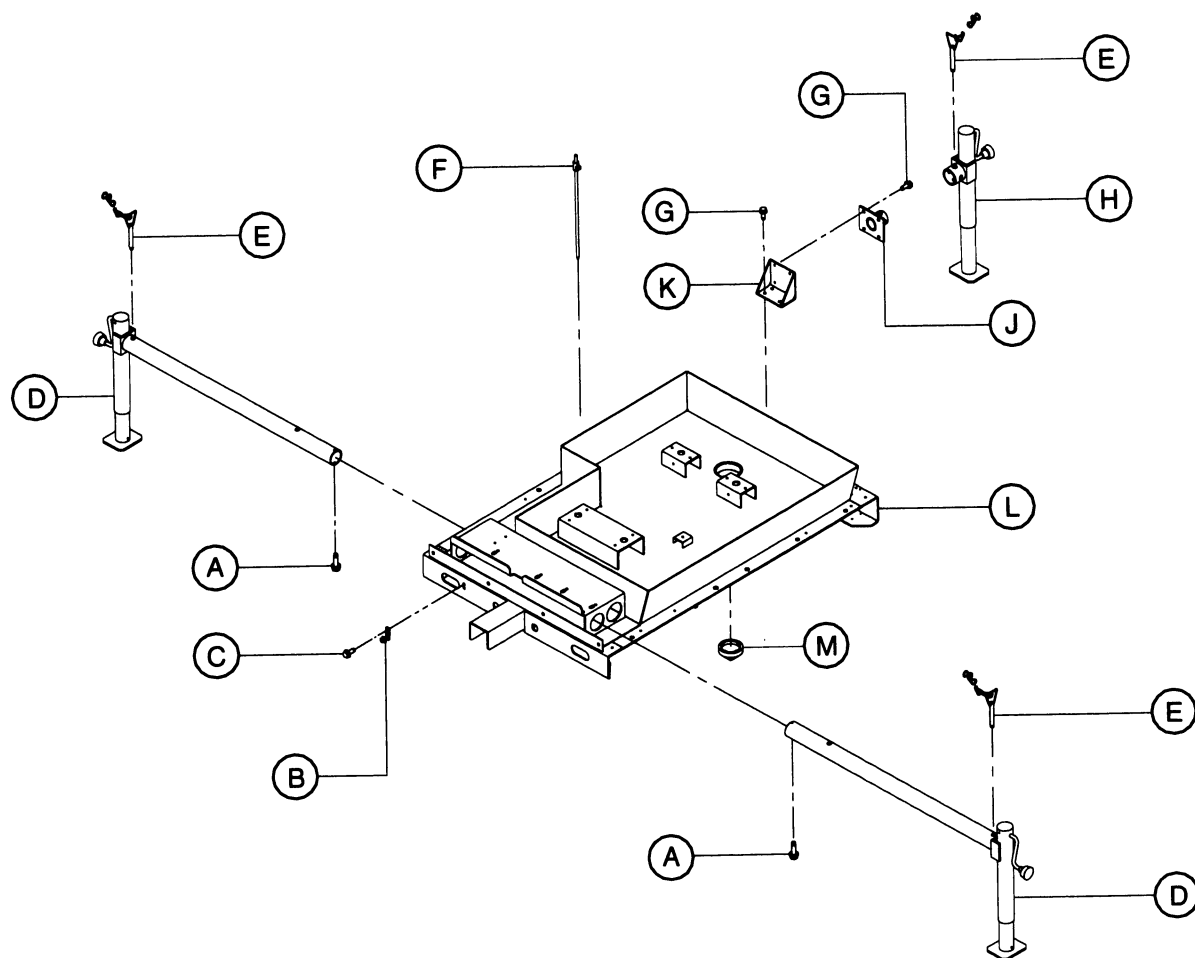
| ITEM | CPN      | QTY | DESCRIPTION          | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|----------------------|------|-----|-----|-------------|
| A    | 22051510 | 1   | BELLOWS              |      |     |     |             |
| B    | 22051437 | 1   | ABSORBER , SHOCK     |      |     |     |             |
| C    | 22051577 | 2   | LOCKNUT              |      |     |     |             |
| D    | 22051544 | 1   | CROSSHEAD            |      |     |     |             |
| E    | 22051585 | 1   | LOCKWASHER           |      |     |     |             |
| F    | 22312383 | 1   | PIN                  |      |     |     |             |
| G    | 96727300 | 6   | LOCKNUT              |      |     |     |             |
| H    | 96737556 | 4   | BOLT                 |      |     |     |             |
| J    | 22067003 | 1   | CLAMP , JOCKEY WHEEL |      |     |     |             |
| K    | 22051882 | 1   | WASHER               |      |     |     |             |
| L    | 22051833 | 1   | LEVER , HANDBRAKE    |      |     |     |             |
| M    | 22051866 | 1   | BOLT                 |      |     |     |             |
| N    | 22051643 | 2   | WASHER               |      |     |     |             |
| P    | 22312391 | 1   | SCREW                |      |     |     |             |
| Q    | 22051676 | 2   | SCREW                |      |     |     |             |

RUNNING GEAR ASSEMBLY



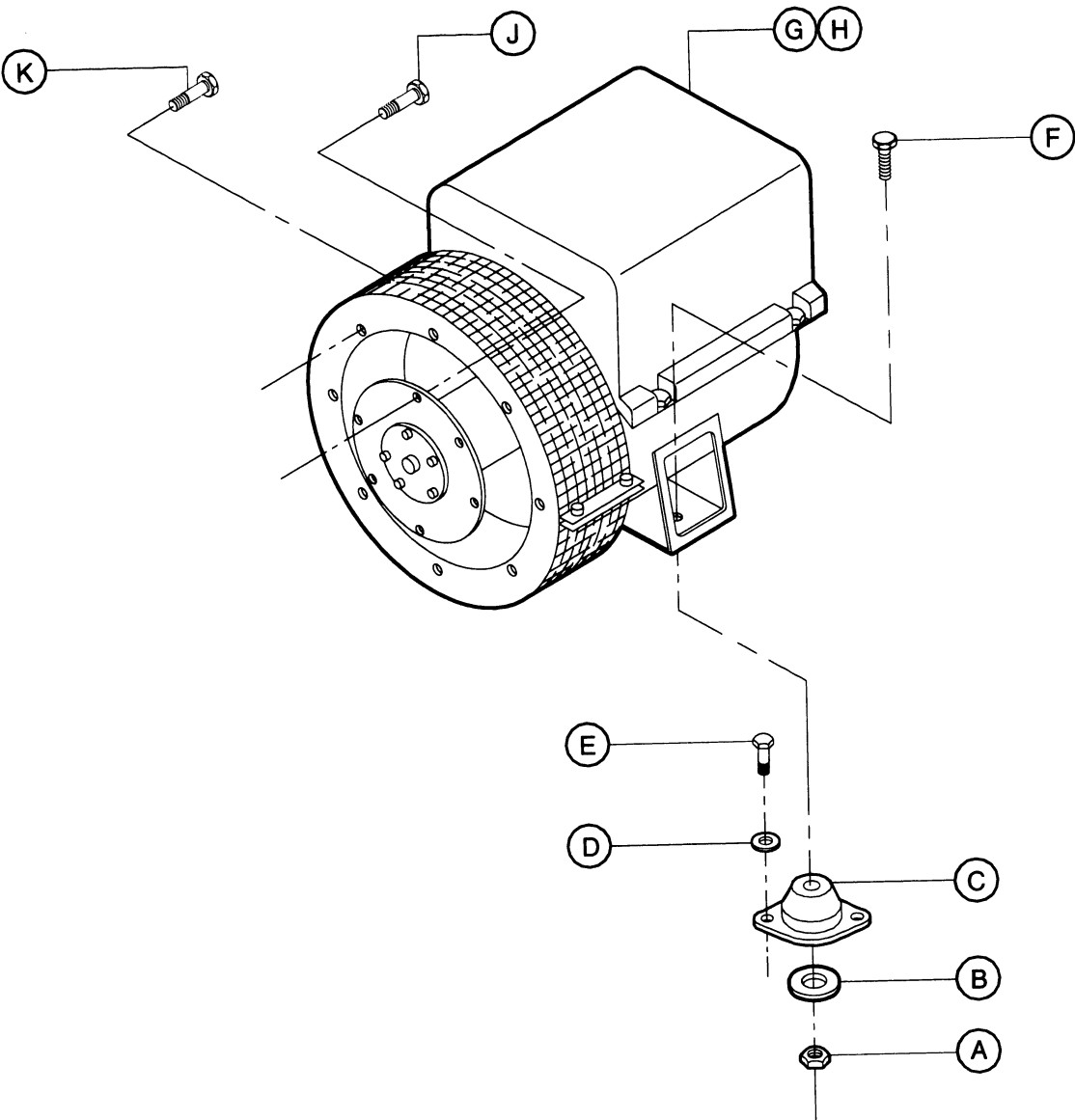
| ITEM | CPN      | QTY | DESCRIPTION                 | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-----------------------------|------|-----|-----|-------------|
| A    | 22617138 | 1   | BRAKE ROD COMPLETE ASSEMBLY |      |     |     |             |
| B    | 22617211 | 1   | GUIDE TUBE ASSEMBLY         |      |     |     |             |
| C    | 22617203 | 2   | SET , BRAKE ADJUSTING       |      |     |     |             |
| D    | 22051205 | 2   | LEVER                       |      |     |     |             |
| E    | 22617187 | 2   | SET , BRAKE SHOE            |      |     |     |             |
| F    | 22312441 | 8   | SCREW                       |      |     |     |             |
| G    | 54737408 | 2   | WHEEL AND TIRE ASSEMBLY     |      |     |     |             |
|      | 22066971 | 2   | WHEEL                       |      |     |     |             |
|      | 22066989 | 2   | TIRE                        |      |     |     |             |
| H    | 22051098 | 2   | CAP                         |      |     |     |             |
| J    | 22617815 | 2   | SET , BEARING               |      |     |     |             |
| K    | 22312433 | 2   | DRUM , BRAKE                |      |     |     |             |

# FRAME ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION            | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|------------------------|------|-----|-----|-------------|
| A    | 35300771 | 2   | SCREW                  |      |     |     |             |
| B    | 22123533 | 1   | LUG , GROUND           |      |     |     |             |
| C    | 92368687 | 2   | SCREW                  |      |     |     |             |
| D    | 36923407 | 2   | JACK , OUTRIGGER       |      |     |     |             |
| E    | 36848224 | 3   | PIN AND CHAIN ASSEMBLY |      |     |     |             |
| F    | 22123525 | 1   | ROD , GROUND           |      |     |     |             |
| G    | 35279025 | 8   | SCREW                  |      |     |     |             |
| H    | 36923415 | 1   | JACK                   |      |     |     |             |
| J    | 36796068 | 1   | TUBE , JACK            |      |     |     |             |
| K    | 54410600 | 1   | SUPPORT , JACK         |      |     |     |             |
| L    | 22245047 | 1   | FRAME                  |      |     |     |             |
| M    | 22283865 | 1   | PLUG , PVC             |      |     |     |             |

GENERATOR AND MOUNTING

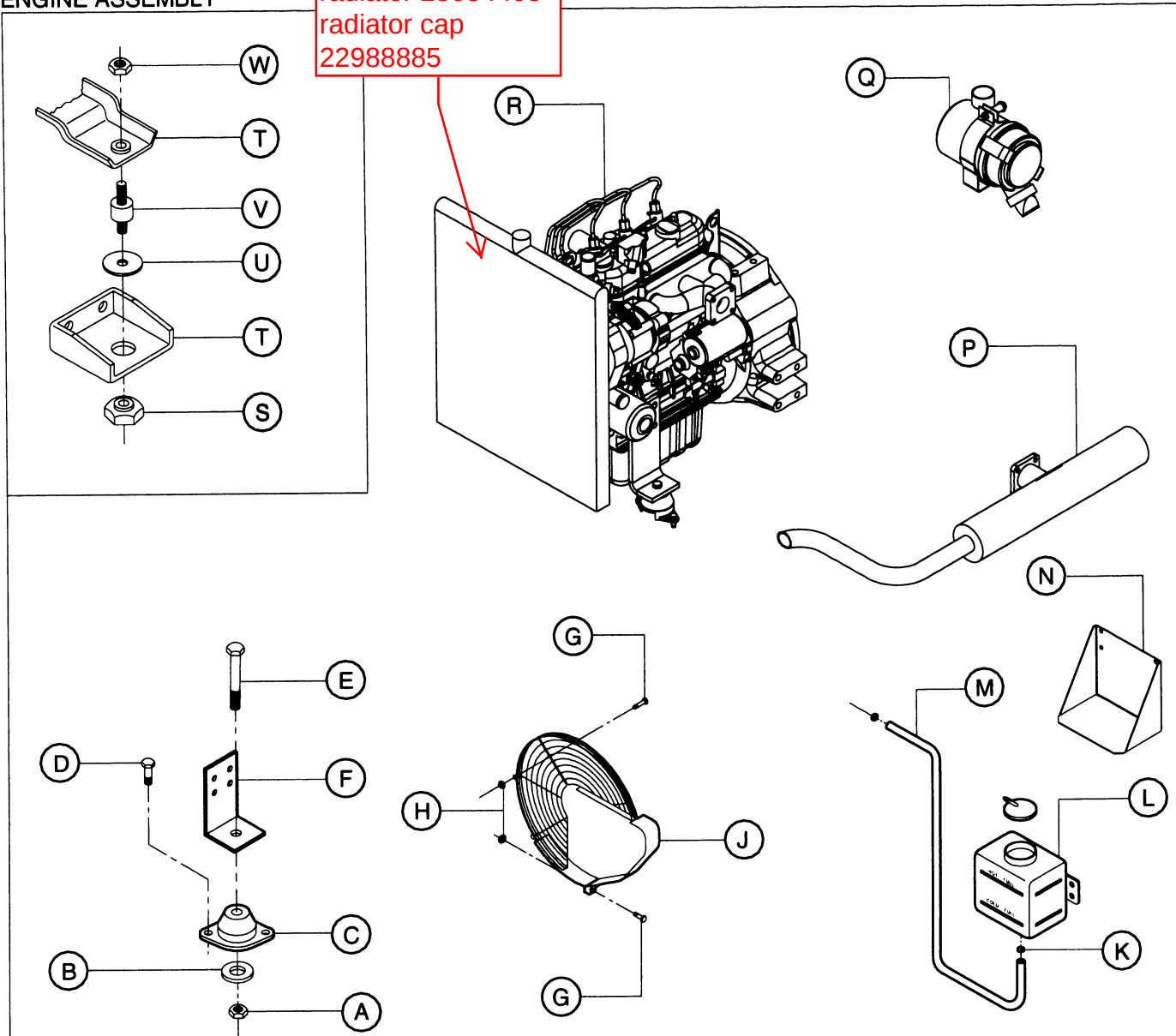


| ITEM | CPN                 | QTY | DESCRIPTION               | ITEM | CPN | QTY | DESCRIPTION |
|------|---------------------|-----|---------------------------|------|-----|-----|-------------|
| A    | 35273366            | 2   | NUT                       |      |     |     |             |
| B    | 36899037            | 2   | WASHER                    |      |     |     |             |
| C    | 36875565            | 2   | ISOLATER                  |      |     |     |             |
| D    | 95934998            | 4   | WASHER                    |      |     |     |             |
| E    | 96738802            | 4   | SCREW                     |      |     |     |             |
| F    | 96730411            | 2   | SCREW                     |      |     |     |             |
| G    | <del>43214345</del> | 1   | GENERATOR , 50 HZ         |      |     |     |             |
| H    | 43214568            | 1   | CAPACITOR                 |      |     |     |             |
| J    | 95067864            | 6   | SCREW                     |      |     |     |             |
| K    | 95920674            | 8   | SCREW                     |      |     |     |             |
|      | 36888915            | 1   | CONNECTOR , STRAIN RELIEF |      |     |     |             |

Alternator 23226558

# ENGINE ASSEMBLY

radiator 23084405  
radiator cap  
22988885

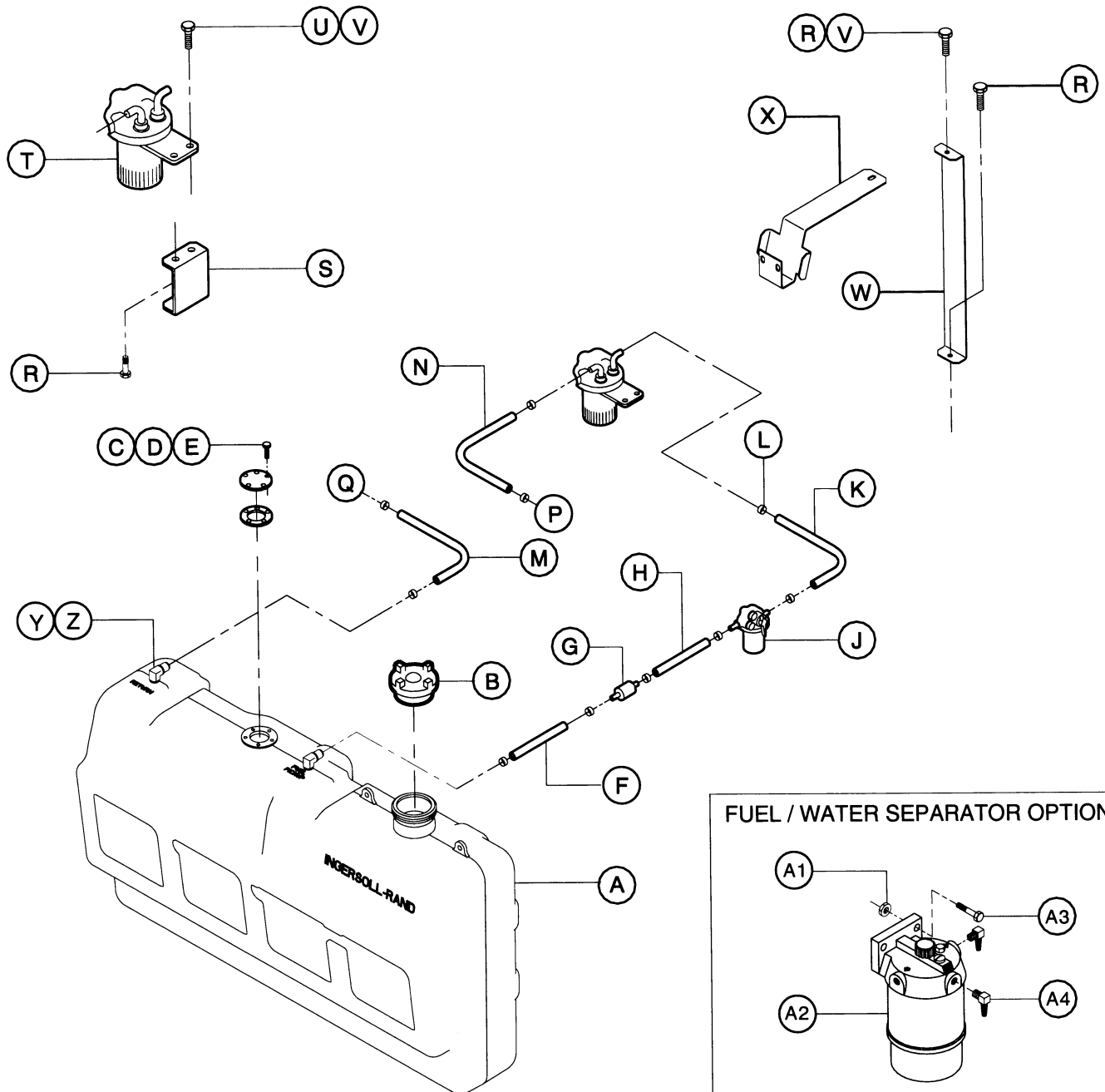


| ITEM | CPN      | QTY | DESCRIPTION                          | ITEM | CPN      | QTY | DESCRIPTION    |
|------|----------|-----|--------------------------------------|------|----------|-----|----------------|
| A    | 35273366 | 2   | NUT                                  | U    | 36898542 | 2   | WASHER         |
| B    | 36899037 | 2   | WASHER                               | V    | 35307149 | 2   | MOUNT , RUBBER |
| C    | 36875565 | 2   | ISOLATOR                             | W    | 95923314 | 2   | NUT            |
| D    | 35279025 | 4   | SCREW                                |      |          |     |                |
| E    | 96730411 | 2   | SCREW                                |      |          |     |                |
| F    | 22262828 | 2   | BRACKET , ENGINE                     |      |          |     |                |
| G    | 36898096 | 8   | SCREW                                |      |          |     |                |
| H    | 36898104 | 8   | NUT                                  |      |          |     |                |
| J    | 36868727 | 1   | GUARD , FAN                          |      |          |     |                |
|      | 36871614 | 1   | BRACKET , FAN GUARD                  |      |          |     |                |
| K    | 35296342 | 2   | CLAMP                                |      |          |     |                |
| L    | 36884948 | 1   | BOTTLE , COOLANT                     |      |          |     |                |
| M    | 35363498 | 1   | HOSE ( 27 INCHES )                   |      |          |     |                |
| N    | 22258230 | 1   | BRACKET , BOTTLE                     |      |          |     |                |
| P    | 36923431 | 1   | MUFFLER                              |      |          |     |                |
| Q    | 22173561 | 1   | AIR CLEANER ASSEMBLY                 |      |          |     |                |
| R    | 22592562 | 1   | ENGINE , KUBOTA                      |      |          |     |                |
| S    | 43214808 | 2   | NUT , SHOULDER                       |      |          |     |                |
| T    |          |     | EXISTING RADIATOR AND ENGINE BRACKET |      |          |     |                |

44004539 solenoid kit, fuel stop

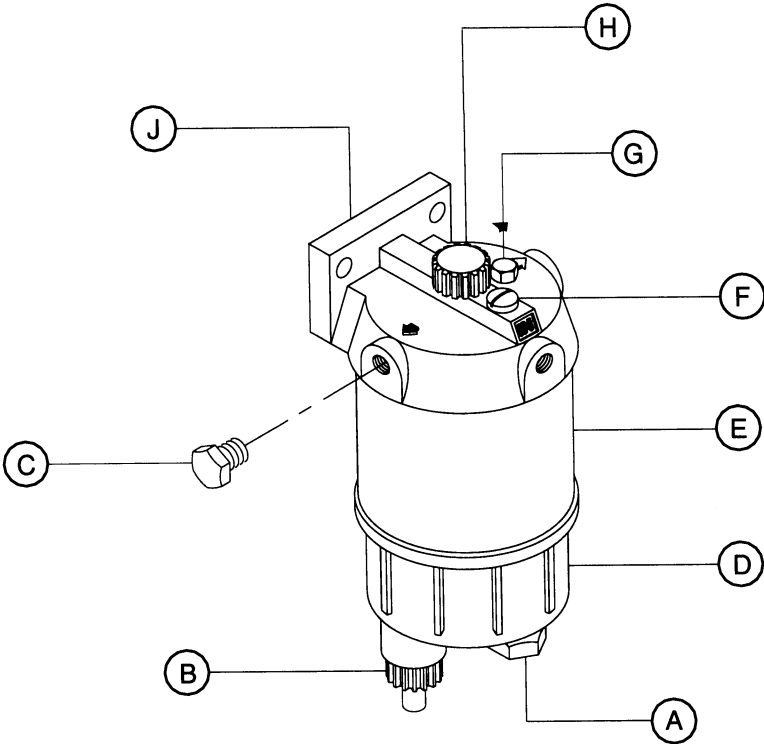
36870574 FILTER , ENGINE OIL  
36870566 FILTER , ENGINE FUEL  
36890135 FILTER , ENGINE AIR  
36878379 SWITCH , 12 PSI  
36868479 SWITCH , WATER TEMP.

# FUEL TANK AND PIPING



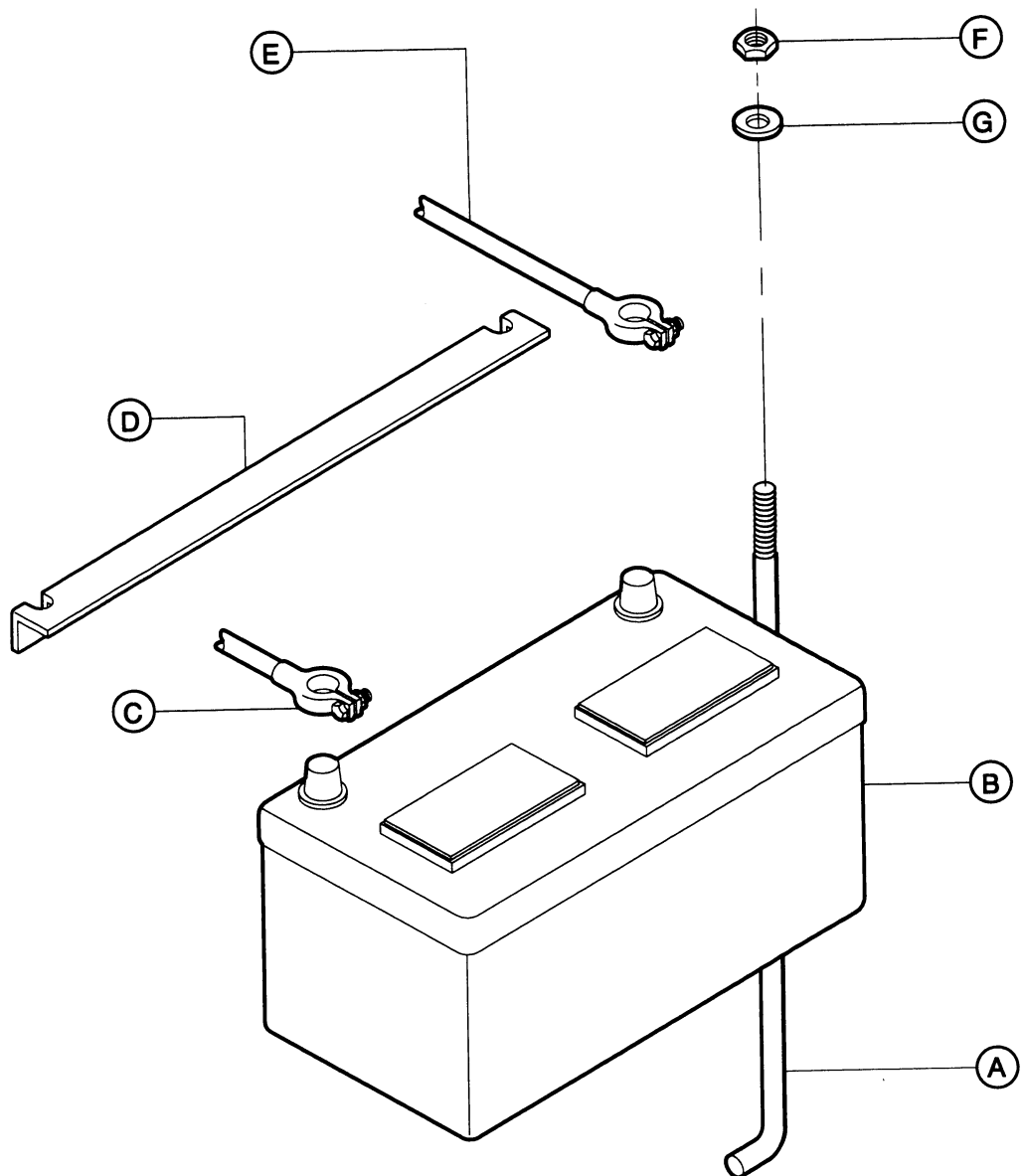
| ITEM | CPN      | QTY | DESCRIPTION        | ITEM | CPN      | QTY | DESCRIPTION             |
|------|----------|-----|--------------------|------|----------|-----|-------------------------|
| A    | 36881100 | 1   | TANK , FUEL        | Q    |          |     | FROM ENGINE RETURN      |
| B    | 36885564 | 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 LIFT 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          |      |          |     |                         |

FUEL WATER SEPARATOR OPTION



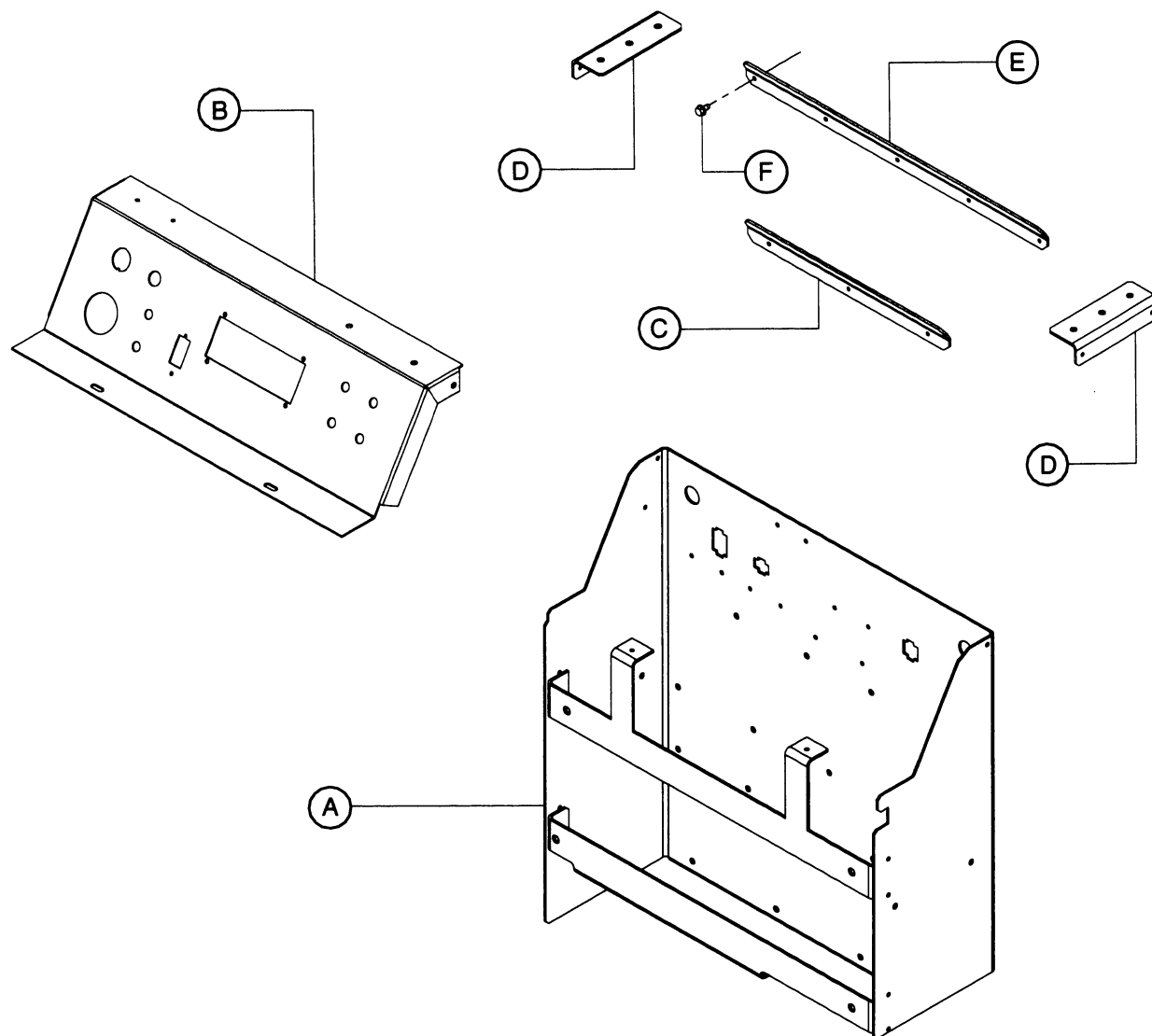
| ITEM | CPN      | QTY | DESCRIPTION     | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-----------------|------|-----|-----|-------------|
| A    | 35358399 | 1   | PLUG            |      |     |     |             |
| B    | 35358373 | 1   | KNOB , DRAIN    |      |     |     |             |
| C    | 36876910 | 3   | PLUG            |      |     |     |             |
| D    | 35358340 | 1   | BOWL , SEE-THRU |      |     |     |             |
| E    | 35367978 | 1   | ELEMENT         |      |     |     |             |
| F    | 35358381 | 1   | PLUG            |      |     |     |             |
| G    | 35368703 | 1   | PLUG , VENT     |      |     |     |             |
| H    | 35358365 | 1   | CAP , PLASTIC   |      |     |     |             |
| J    | 35358357 | 1   | HEAD , FILTER   |      |     |     |             |

BATTERY AND MOUNTING



| ITEM | CPN      | QTY | DESCRIPTION         | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|---------------------|------|-----|-----|-------------|
| A    | 36923282 | 2   | ROD , HOLD-DOWN ROD |      |     |     |             |
| B    | 22246797 | 1   | BATTERY , 12V       |      |     |     |             |
| C    | 35610856 | 1   | CABLE , NEGATIVE    |      |     |     |             |
| D    | 22494983 | 1   | ANGLE , TIE-DOWN    |      |     |     |             |
| E    | 35516582 | 1   | CABLE , POSITIVE    |      |     |     |             |
| F    | 95923298 | 2   | NUT                 |      |     |     |             |
| G    | 36853265 | 2   | WASHER , NYLON      |      |     |     |             |
|      | 35578194 | 1   | STRAP , GROUND      |      |     |     |             |

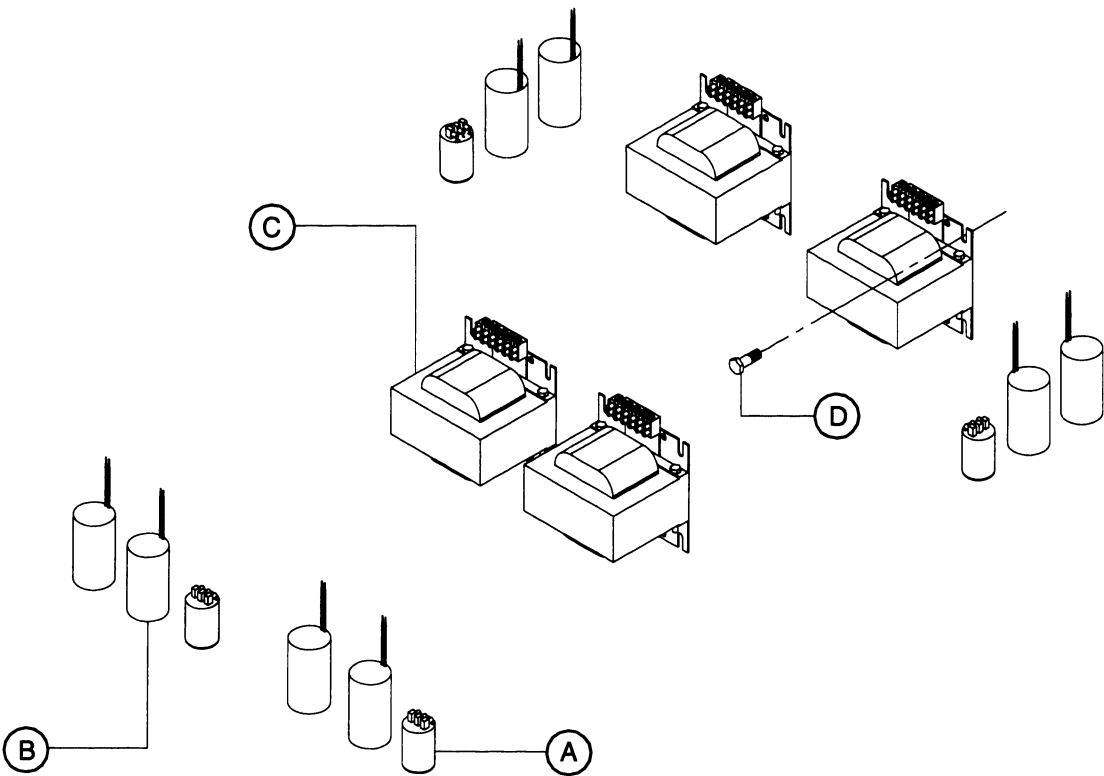
# INSTRUMENT / CONTROL PANEL ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION             | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-------------------------|------|-----|-----|-------------|
| A    | 22573398 | 1   | BALLAST BOX             |      |     |     |             |
| B    | 21110449 | 1   | COVER , CONTROL PANEL   |      |     |     |             |
| C    | 22563555 | 1   | SUPPORT , BALLAST LOWER |      |     |     |             |
| D    | 22574024 | 2   | SUPPORT , CAPACITOR     |      |     |     |             |
| E    | 22563563 | 1   | SUPPORT , BALLAST UPPER |      |     |     |             |
| F    | 36797652 | --- | SCREW                   |      |     |     |             |

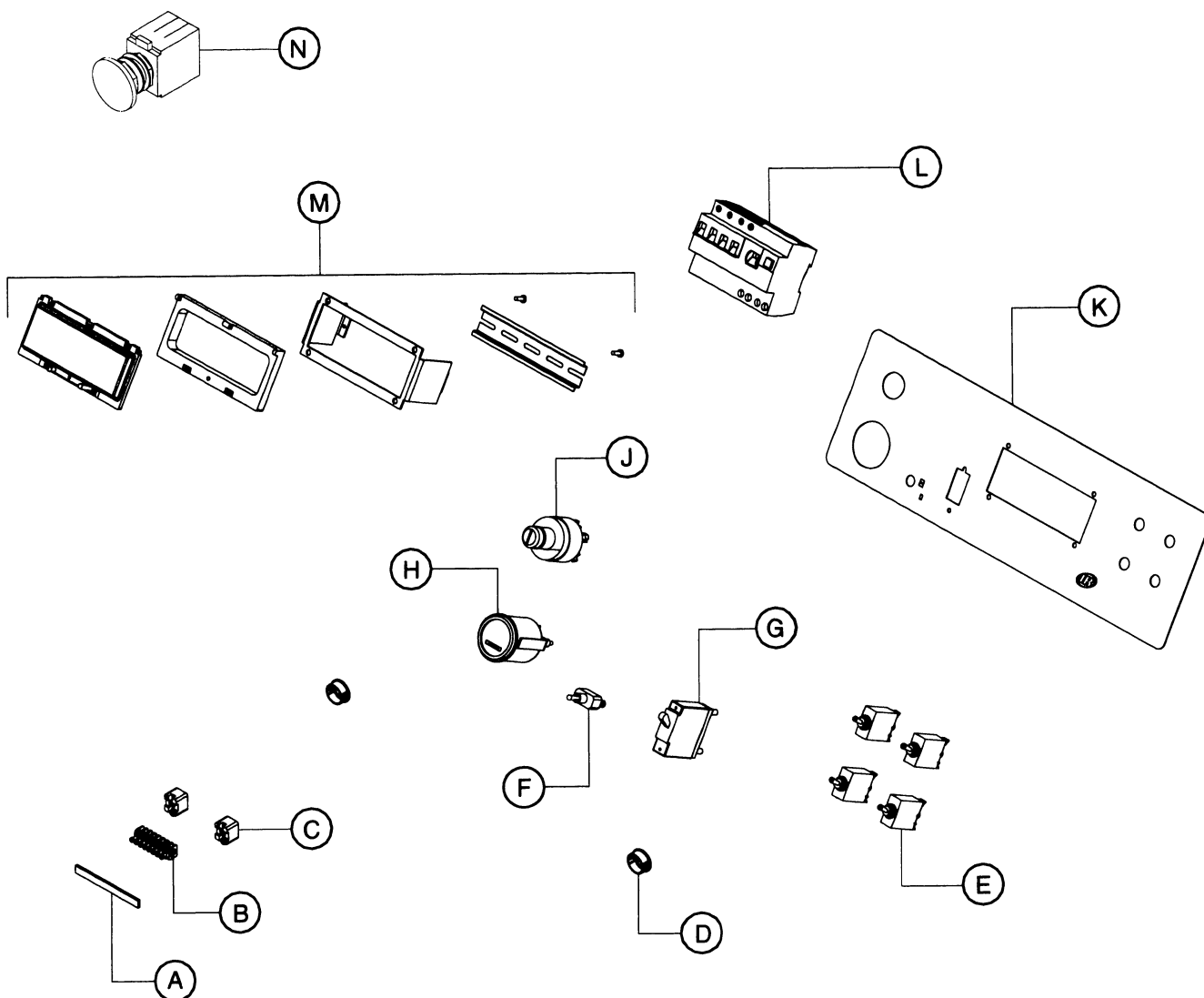
22494868 1 CONTROL PANEL COMPLETE ASSEMBLY  
INCLUDES ITEMS A - F ( SHT. 9 ) , A - D ( SHT. 10 ) AND A - N ( SHT. 11 ).

BALLAST / CAPACITOR ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION              | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|--------------------------|------|-----|-----|-------------|
| A    | 22562821 | 4   | IGNITOR , IMPULSER       |      |     |     |             |
| B    | 22562847 | 8   | CAPACITOR , 50 UF        |      |     |     |             |
| C    | 22562813 | 4   | BALLAST , 1000 W – 50 HZ |      |     |     |             |
| D    | 36797652 | 8   | SCREW                    |      |     |     |             |

# INSTRUMENT / CONTROL PANEL ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION                                | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|--------------------------------------------|------|-----|-----|-------------|
| A    | 36769149 | 1   | BUSBAR                                     |      |     |     |             |
| B    | 36769131 | 8   | TERMINAL                                   |      |     |     |             |
| C    | 36769164 | 2   | SUPPORT , BUSBAR                           |      |     |     |             |
| D    | 22553309 | 2   | BUSHING , SNAP                             |      |     |     |             |
| E    | 36898211 | 4   | BREAKER , 15 AMP CIRCUIT                   |      |     |     |             |
| F    | 36794204 | 1   | SWITCH , SPDT MOMENTARY                    |      |     |     |             |
| G    | 36850402 | 1   | BREAKER , 70 AMP CIRCUIT                   |      |     |     |             |
| H    | 36841245 | 1   | HOURLMETER                                 |      |     |     |             |
| J    | 36786457 | 1   | KEY SWITCH ASSEMBLY                        |      |     |     |             |
| K    | 22494850 | 1   | DECAL , INSTRUMENT PANEL                   |      |     |     |             |
| L    | 22123517 | 1   | BREAKER , 25 AMP                           |      |     |     |             |
| M    | 22113021 | 1   | BREAKER COVER ASSEMBLY                     |      |     |     |             |
| N    | 36883809 | 1   | SWITCH , E-STOP ( MOUNTED ON FRONT PANEL ) |      |     |     |             |
|      | 22220347 | 1   | HARNESS , ENGINE                           |      |     |     |             |
|      | 22593651 | 1   | HARNESS , CONTROL PANEL                    |      |     |     |             |

Starting key 35385533

This exploded view diagram illustrates the assembly of a mechanical structure. The components are labeled as follows:

- A**: Base plate
- B**: Vertical support plate
- C**: Vertical support plate
- D**: Vertical support plate
- E**: Vertical support plate
- F**: Vertical support plate
- G**: Curved bracket
- H**: Bolt
- J**: Bolt
- K**: Bolt
- L**: Bolt
- M**: Bolt
- N**: Bolt
- P**: Bolt
- Q**: Bolt
- R**: Bolt
- S**: Bolt
- T**: Bolt
- U**: Bolt
- V**: Bolt
- W**: Bolt
- X**: Bolt
- Y**: Bolt
- Z**: Bolt
- A1**: Bolt

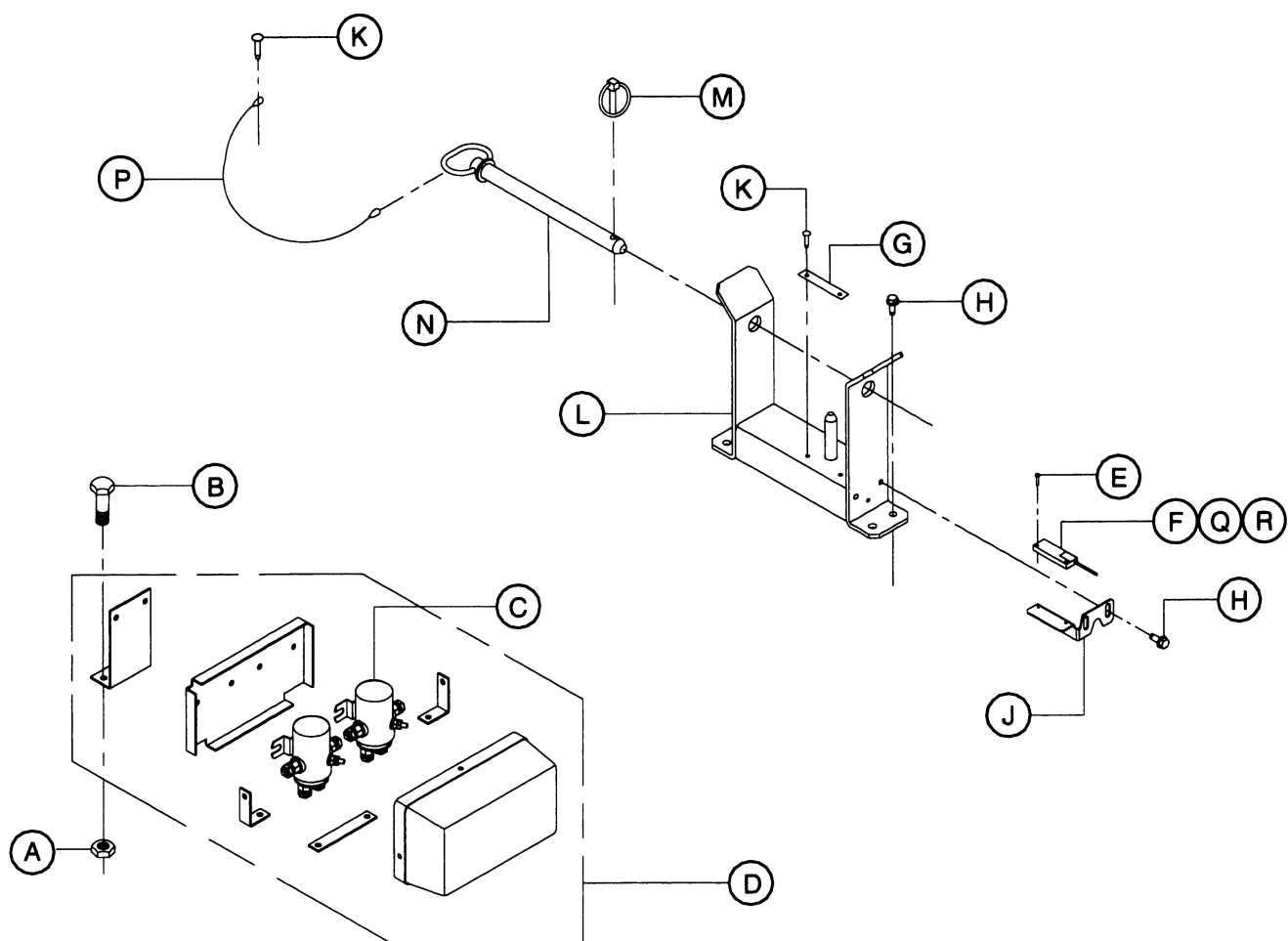
Winch cable slack side switch 22972178

This diagram illustrates the exploded view of the Lower Support Assembly. The components are identified by the following callouts:

- A:** Motor
- B:** Bolt
- C:** Bolt
- D:** Bolt
- E:** Bolt
- F:** Bolt
- G:** Bracket
- H:** Bracket
- J:** Bracket
- K:** Bolt
- L:** Bolt
- M:** Bolt
- N:** Bolt
- P:** Bolt
- Q:** Bolt
- R:** Bolt
- S:** Bolt
- T:** Bolt
- U:** Bolt
- V:** Bolt

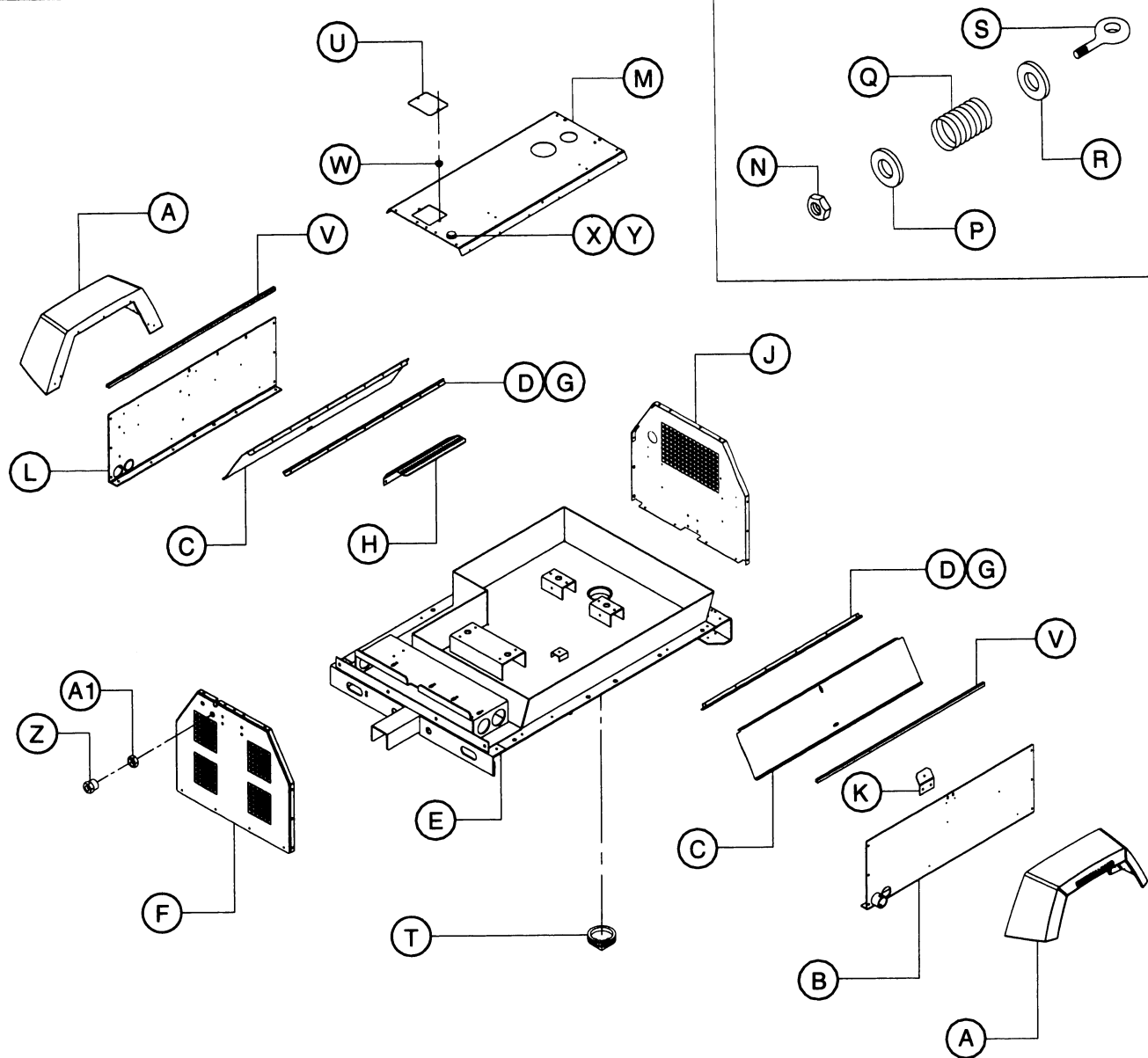
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22545503 13 2/05 A

# TOWER SUPPORT ASSEMBLY



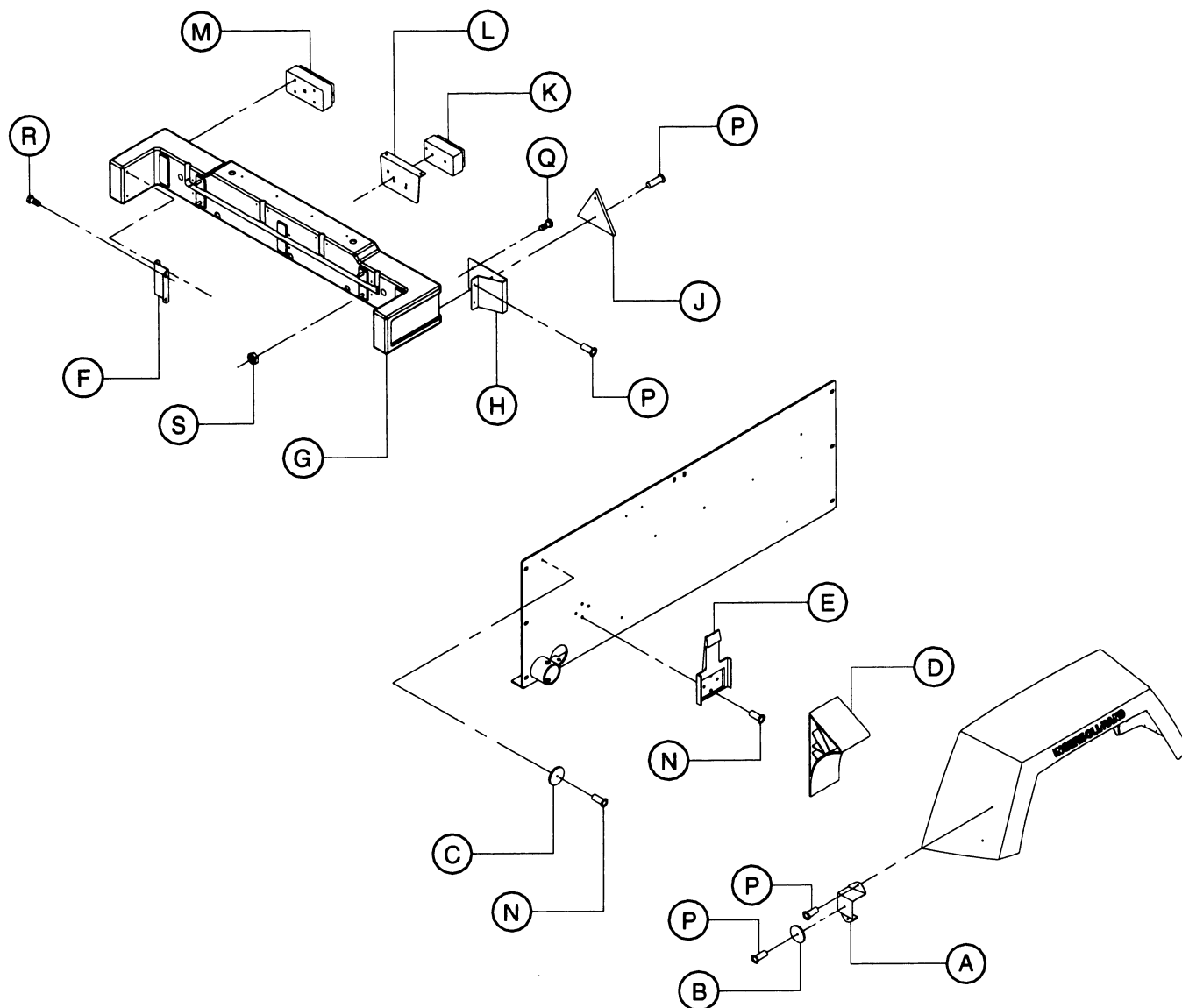
| ITEM | CPN                           | QTY | DESCRIPTION            | ITEM | CPN | QTY | DESCRIPTION |
|------|-------------------------------|-----|------------------------|------|-----|-----|-------------|
| A    | 36898104                      | 2   | NUT                    |      |     |     |             |
| B    | 36898096                      | 2   | SCREW                  |      |     |     |             |
| C    | 22451702                      | 2   | RELAY , ELECTRIC WINCH |      |     |     |             |
| D    | FURNISHED WITH WINCH ASSEMBLY |     |                        |      |     |     |             |
| E    | 95962734                      | 2   | RIVET                  |      |     |     |             |
| F    | 36876803                      | 1   | SENSOR , PROXIMITY     |      |     |     |             |
| G    | 22458012                      | 2   | PAD                    |      |     |     |             |
| H    | 35279025                      | 6   | SCREW                  |      |     |     |             |
| J    | 22526834                      | 1   | SUPPORT                |      |     |     |             |
| K    | 36843282                      | 6   | RIVET                  |      |     |     |             |
| L    | 22380943                      | 1   | CRADLE , TOWER         |      |     |     |             |
| M    | 36794170                      | 1   | PIN , LATCH            |      |     |     |             |
| N    | 22415244                      | 1   | PIN , TOWER            |      |     |     |             |
| P    | 36786218                      | 2   | CABLE , PIN            |      |     |     |             |
| Q    | 35323385                      | 2   | TERMINAL               |      |     |     |             |
| R    | 35356583                      | 6   | MOUNT , CABLE CLIP     |      |     |     |             |

# ENCLOSURE ASSEMBLY



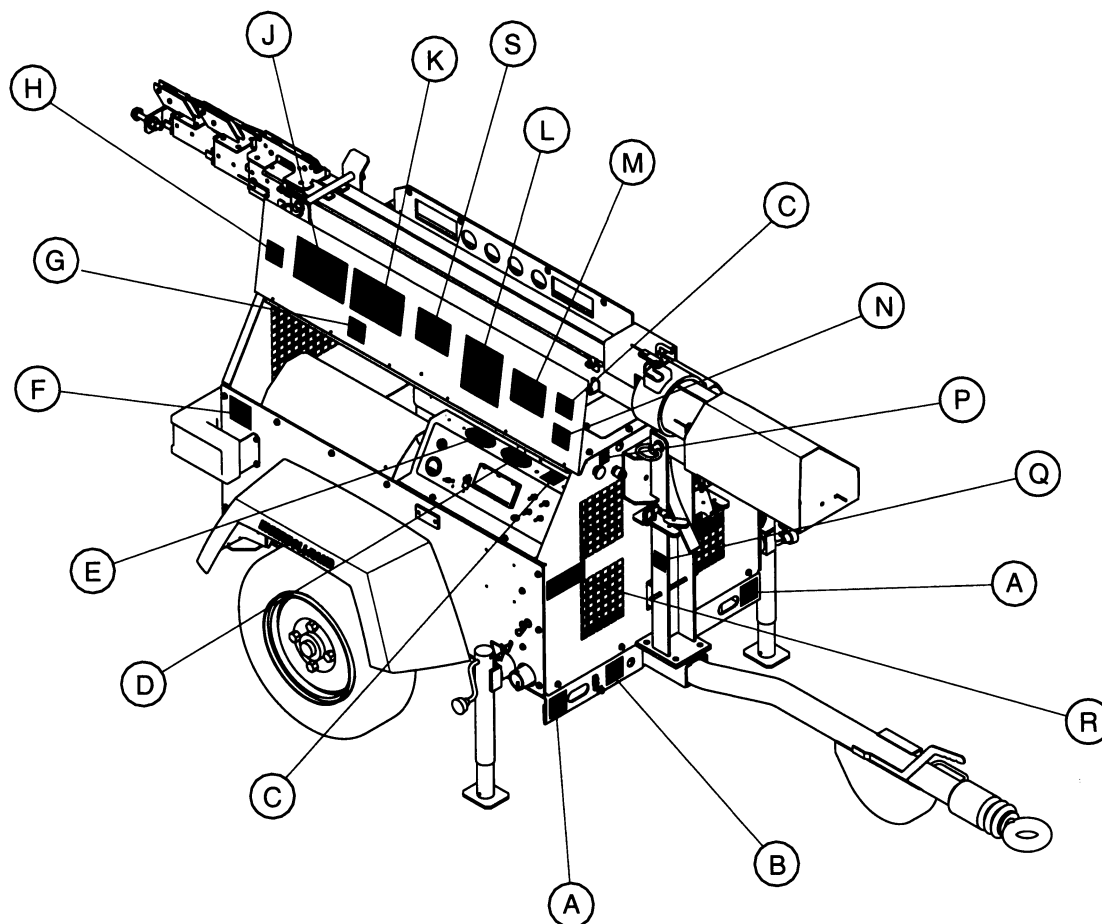
| ITEM | CPN      | QTY | DESCRIPTION        | ITEM | CPN      | QTY | DESCRIPTION          |
|------|----------|-----|--------------------|------|----------|-----|----------------------|
| A    | 36877579 | 2   | FENDER             | N    | 95923298 | 4   | NUT                  |
| B    | 22261390 | 1   | PANEL , LEFT SIDE  | P    | 36772028 | 4   | WASHER , NYLON       |
| C    | 36923183 | 2   | DOOR               | Q    | 35607837 | 4   | SPRING               |
| D    | 36923175 | 2   | HINGE , DOOR       | R    | 95935029 | 4   | WASHER               |
| E    | 22245047 | 1   | FRAME ASSEMBLY     | S    | 35607829 | 4   | EYEBOLT              |
| F    | 22477624 | 1   | PANEL , FRONT END  | T    | 22283865 | 1   | 3" PLASTIC NPT PLUG  |
| G    | 36843282 | 30  | RIVET              | U    | 22497895 | 1   | COVER , WINCH ACCESS |
| H    | 22253470 | 1   | SHIELD , HEAT      | V    | 54627617 | 2   | GUARD , EDGE         |
| J    | 22477616 | 1   | PANEL , REAR END   | W    | 36895746 | 2   | NUTSERT              |
| K    | 36923134 | 2   | BRACKET , LATCH    | X    | 36787398 | 1   | LEVEL , CIRCLE       |
| L    | 22261382 | 1   | PANEL , RIGHT SIDE | Y    | 36787430 | 1   | TAPE , MOUNTING      |
| M    | 22497184 | 1   | PANEL , TOP        | Z    | 36890358 | 1   | STRAIN RELIEF        |
|      |          |     |                    | A1   | 36853505 | 1   | NUT , STRAIN RELIEF  |
|      |          |     |                    |      | 35279025 | —   | SCREW                |

# BUMPER LIGHTS AND REFLECTORS



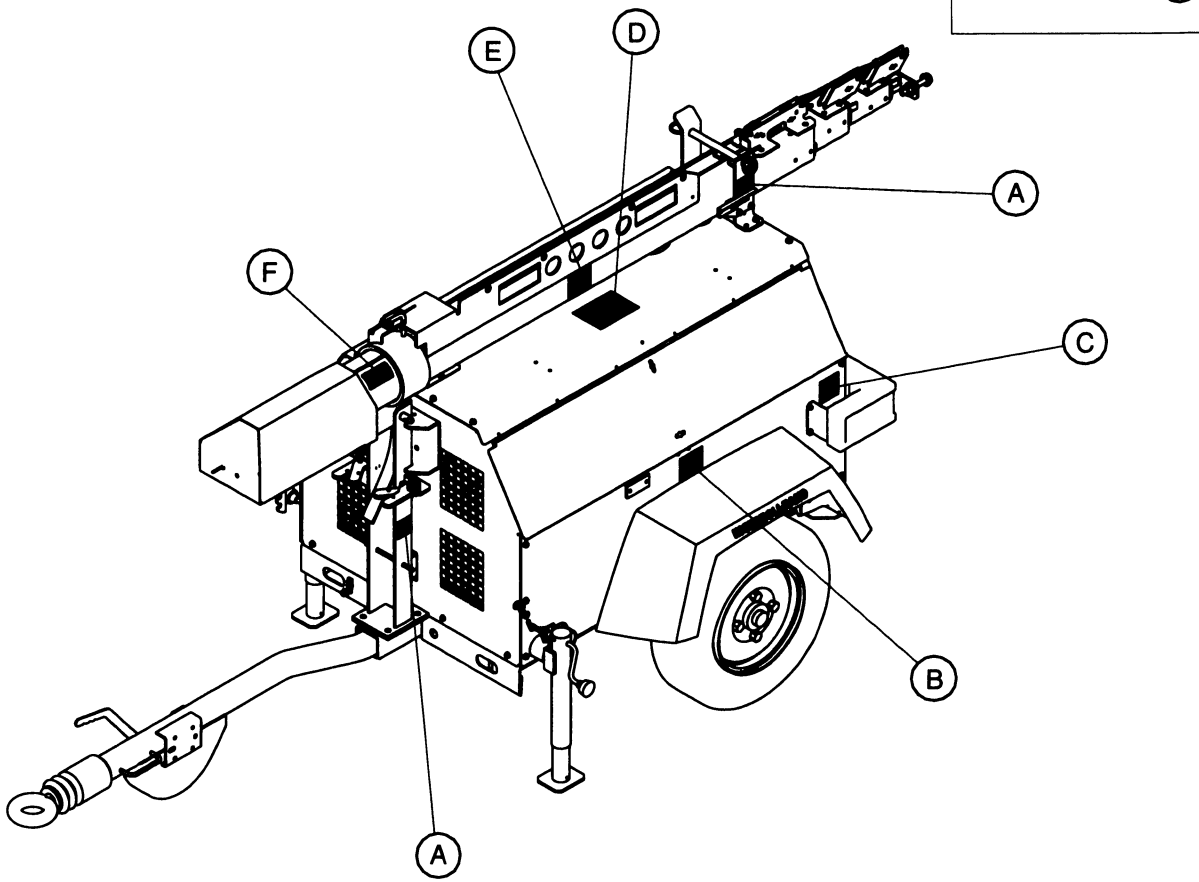
| ITEM | CPN      | QTY | DESCRIPTION                 | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-----------------------------|------|-----|-----|-------------|
| A    | 22528319 | 1   | BRACKET , LEFT REFLECTOR    |      |     |     |             |
|      | 22526198 | 1   | BRACKET , RIGHT REFLECTOR   |      |     |     |             |
| B    | 92085729 | 2   | REFLECTOR , WHITE           |      |     |     |             |
| C    | 92121243 | 4   | REFLECTOR , AMBER           |      |     |     |             |
| D    | 22347041 | 2   | CHOCK , WHEEL               |      |     |     |             |
| E    | 22347033 | 2   | BRACKET , WHEEL CHOCK       |      |     |     |             |
| F    | 22498323 | 2   | BRACKET , BUMPER            |      |     |     |             |
| G    | 54624119 | 1   | BUMPER , REAR               |      |     |     |             |
| H    | 22526578 | 2   | BRACKET , REFLECTOR         |      |     |     |             |
| J    | 92721331 | 2   | REFLECTOR , RED             |      |     |     |             |
| K    | 93477388 | 1   | LAMP , FOG                  |      |     |     |             |
| L    | 89203822 | 1   | BRACKET , FOG LAMP          |      |     |     |             |
| M    | 92783620 | 2   | LIGHT , RUNNING             |      |     |     |             |
| N    | 92271923 | 12  | RIVET                       |      |     |     |             |
| P    | 92271915 | 14  | RIVET                       |      |     |     |             |
| Q    | 36797652 | 4   | SCREW                       |      |     |     |             |
| R    | 35279025 | 4   | SCREW                       |      |     |     |             |
| S    | 36881886 | 4   | NUT                         |      |     |     |             |
|      | 22527501 | 1   | BUMPER ASSEMBLY WITH LIGHTS |      |     |     |             |
|      | 22525091 | 1   | LIGHTING HARNESS            |      |     |     |             |

# DECAL LOCATION



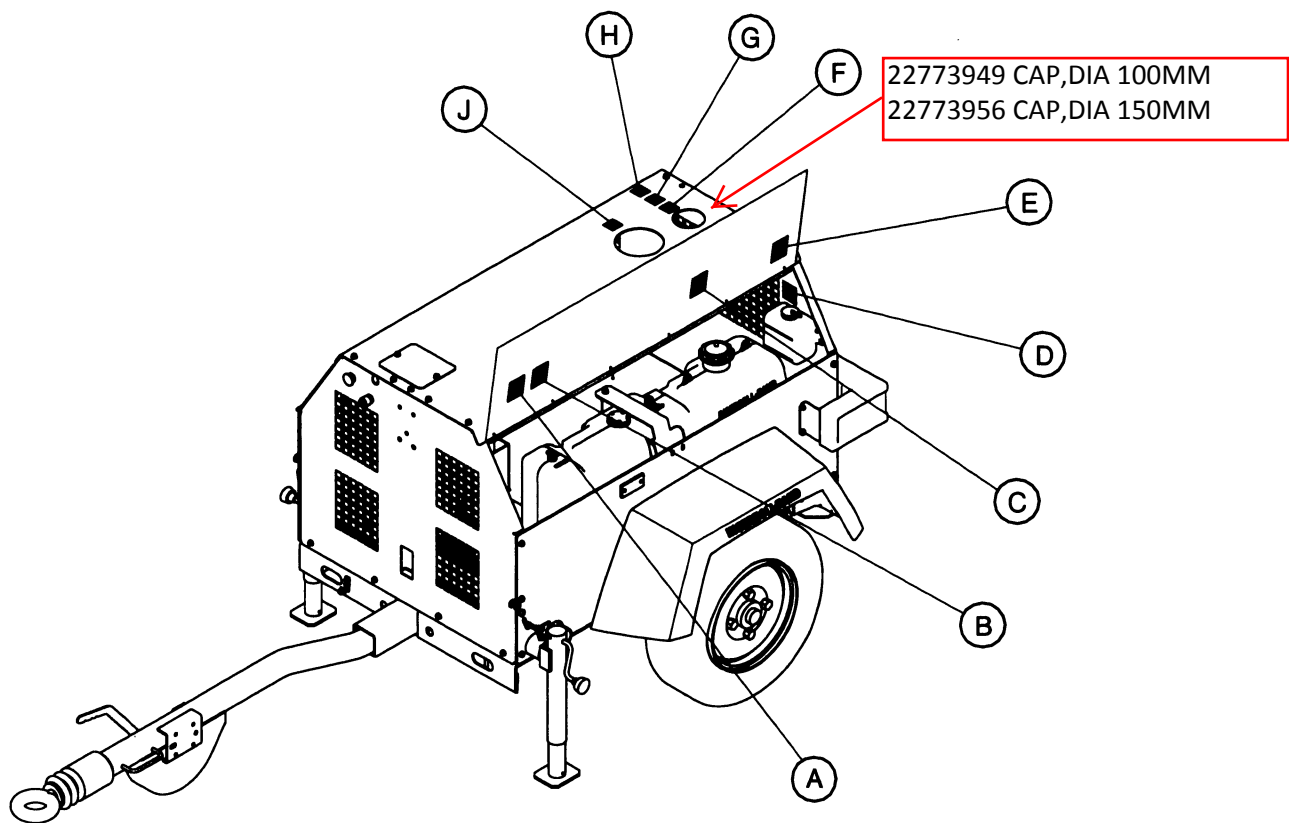
| ITEM | CPN      | QTY | DESCRIPTION                    | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|--------------------------------|------|-----|-----|-------------|
| A    | 93171262 | 2   | DECAL , LIFT / TIE POINT       |      |     |     |             |
| B    | 92912559 | 1   | DECAL , EARTH WARNING          |      |     |     |             |
| C    | 92930593 | 2   | DECAL , ELECTRIC SHOCK         |      |     |     |             |
| D    | 54640008 | 1   | DECAL , IR ENGINE OIL          |      |     |     |             |
| E    | 54640024 | 1   | DECAL , GENUINE PARTS          |      |     |     |             |
| F    | 22514194 | 1   | DECAL , SOUND POWER            |      |     |     |             |
| G    | 92867530 | 1   | DECAL , HOT SURFACE            |      |     |     |             |
| H    | 93165959 | 1   | DECAL , ROTATING FAN           |      |     |     |             |
| J    | 22600845 | 1   | DECAL , AC SCHEMATIC           |      |     |     |             |
| K    | 22600852 | 1   | DECAL , DC SCHEMATIC           |      |     |     |             |
| L    | 54630033 | 1   | DECAL , OPERATING INSTRUCTIONS |      |     |     |             |
| M    | 22508113 | 1   | DECAL , TOWER OPERATION        |      |     |     |             |
| N    | 92930627 | 1   | DECAL , GENERAL WARNING        |      |     |     |             |
| P    | 92930650 | 1   | DECAL , EMERGENCY STOP         |      |     |     |             |
| Q    | 22508139 | 1   | DECAL , PINCH POINT            |      |     |     |             |
| R    | 22508105 | 1   | DECAL , 3-PART WARNING         |      |     |     |             |
| S    | 22508147 | 1   | DECAL , ULTRA VIOLET           |      |     |     |             |

DECAL LOCATION



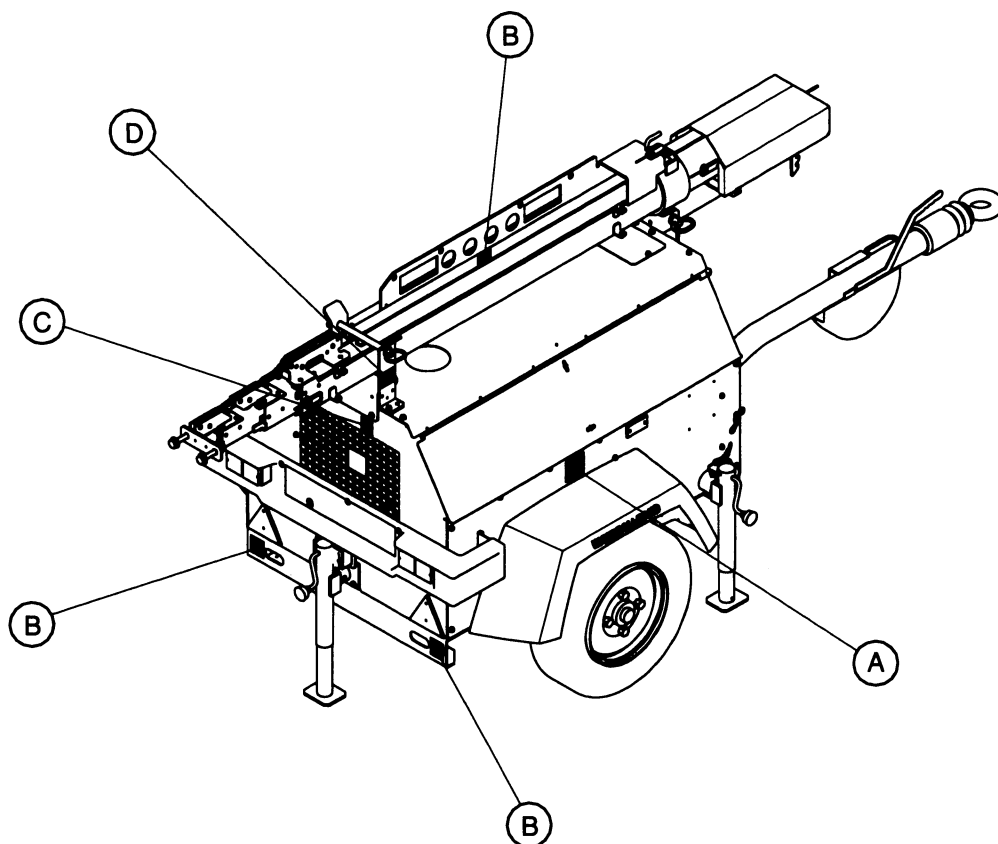
| ITEM | CPN      | QTY | DESCRIPTION                          | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|--------------------------------------|------|-----|-----|-------------|
| A    | 22508139 | 2   | DECAL , PINCH POINT                  |      |     |     |             |
| B    | 93171916 | 1   | DECAL , TIRE PRESSURE                |      |     |     |             |
| C    | 22514194 | 1   | DECAL , SOUND POWER                  |      |     |     |             |
| D    | 22508121 | 1   | DECAL , LIFTING INSTRUCTIONS         |      |     |     |             |
| E    | 93171262 | 1   | DECAL , LIFT / TIE POINT             |      |     |     |             |
| F    | 92930668 | 1   | DECAL , NO MAINTENANCE / READ MANUAL |      |     |     |             |
| G    | 92867530 | 4   | DECAL , HOT SURFACE                  |      |     |     |             |

DECAL LOCATION



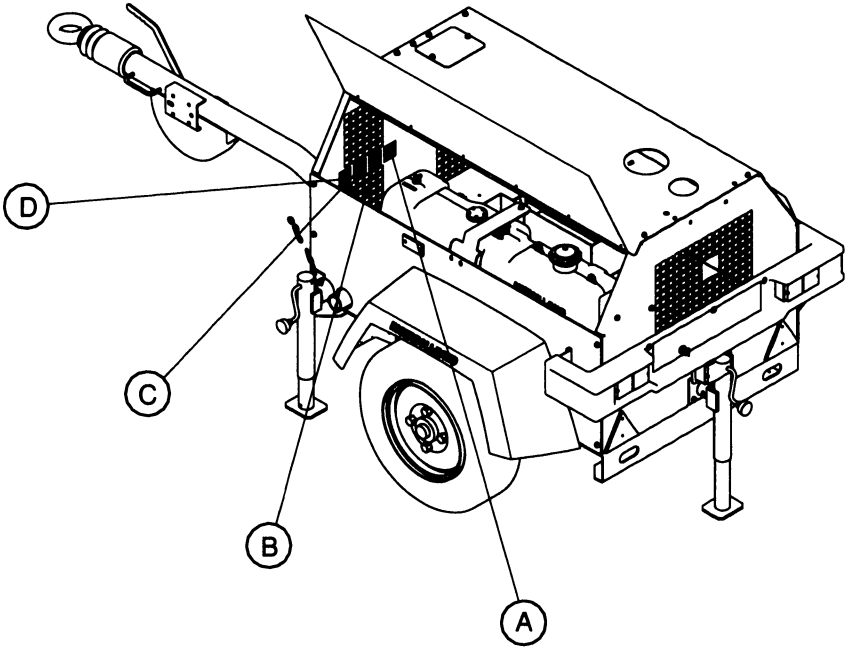
| ITEM | CPN      | QTY | DESCRIPTION                | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|----------------------------|------|-----|-----|-------------|
| A    | 92930627 | 1   | DECAL , GENERAL WARNING    |      |     |     |             |
| B    | 92930593 | 1   | DECAL , ELECTRIC SHOCK     |      |     |     |             |
| C    | 93171254 | 1   | DECAL , DIESEL FUEL        |      |     |     |             |
| D    | 92867449 | 1   | DECAL , REFER TO MANUAL    |      |     |     |             |
| E    | 93165959 | 1   | DECAL , ROTATING FAN       |      |     |     |             |
| F    | 92867530 | 1   | DECAL , HOT SURFACE        |      |     |     |             |
| G    | 92930585 | 1   | DECAL , PRESSURIZED VESSEL |      |     |     |             |
| H    | 93171288 | 1   | DECAL , COOLANT FILL       |      |     |     |             |
| J    | 93178945 | 1   | DECAL , OIL FILL           |      |     |     |             |

# DECAL LOCATION

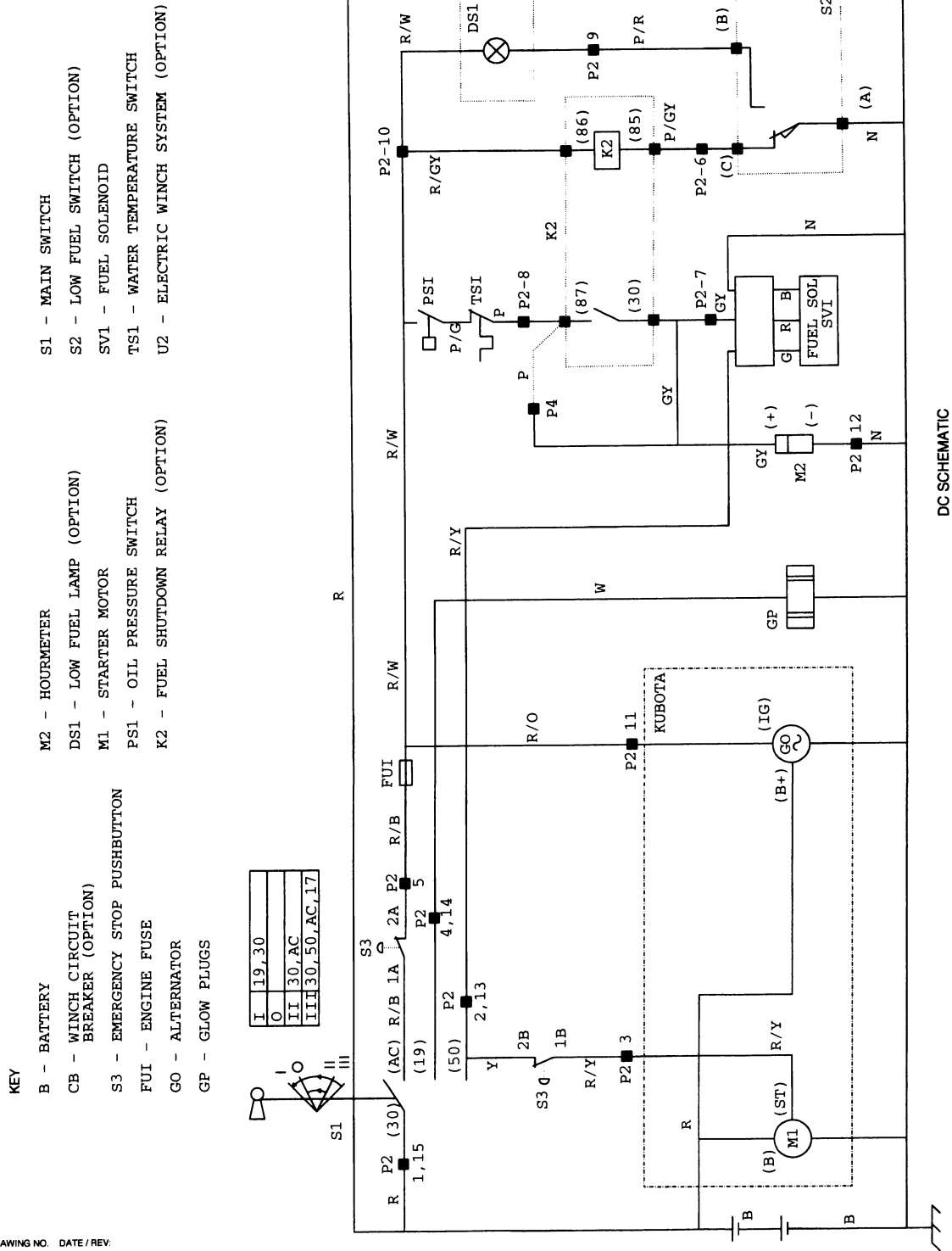


| ITEM | CPN      | QTY | DESCRIPTION                   | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-------------------------------|------|-----|-----|-------------|
| A    | 93171916 | 1   | DECAL , TIRE PRESSURE         |      |     |     |             |
| B    | 93171262 | 3   | DECAL , LIFT / TIE POINT      |      |     |     |             |
| C    | 92976042 | 1   | DECAL , EXHAUST GAS DISCHARGE |      |     |     |             |
| D    | 22508139 | 1   | DECAL , PINCH POINT           |      |     |     |             |

DECAL LOCATION



| ITEM | CPN      | QTY | DESCRIPTION               | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|---------------------------|------|-----|-----|-------------|
| A    | 92867449 | 1   | DECAL , REFER TO HANDBOOK |      |     |     |             |
| B    | 92930627 | 1   | DECAL , GENERAL WARNING   |      |     |     |             |
| C    | 92930601 | 1   | DECAL , CORROSIVE         |      |     |     |             |
| D    | 92930593 | 1   | DECAL , ELECTRIC SHOCK    |      |     |     |             |

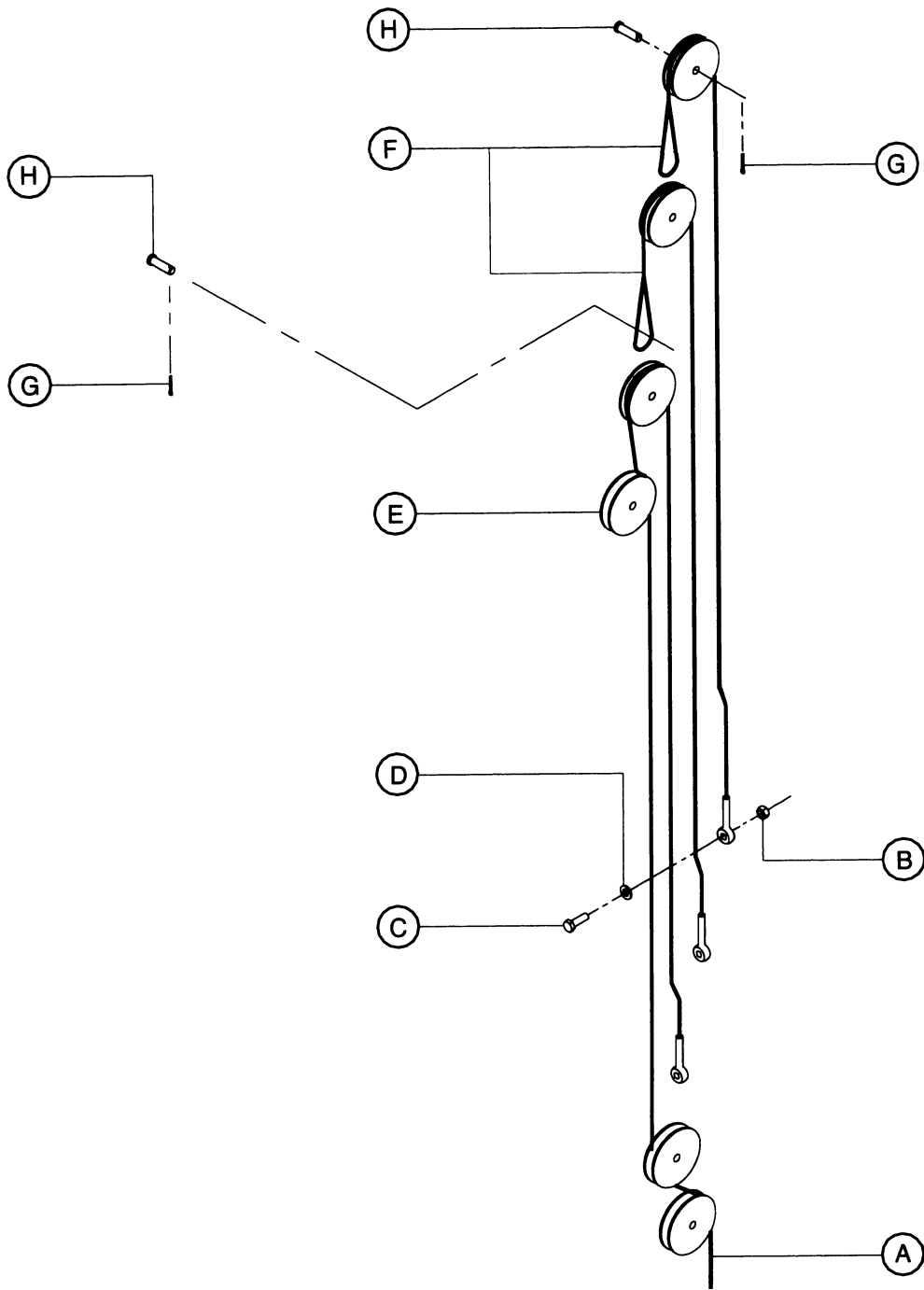


AC SCHEMATIC

MANUAL NO. — DRAWING NO. DATE / REV:

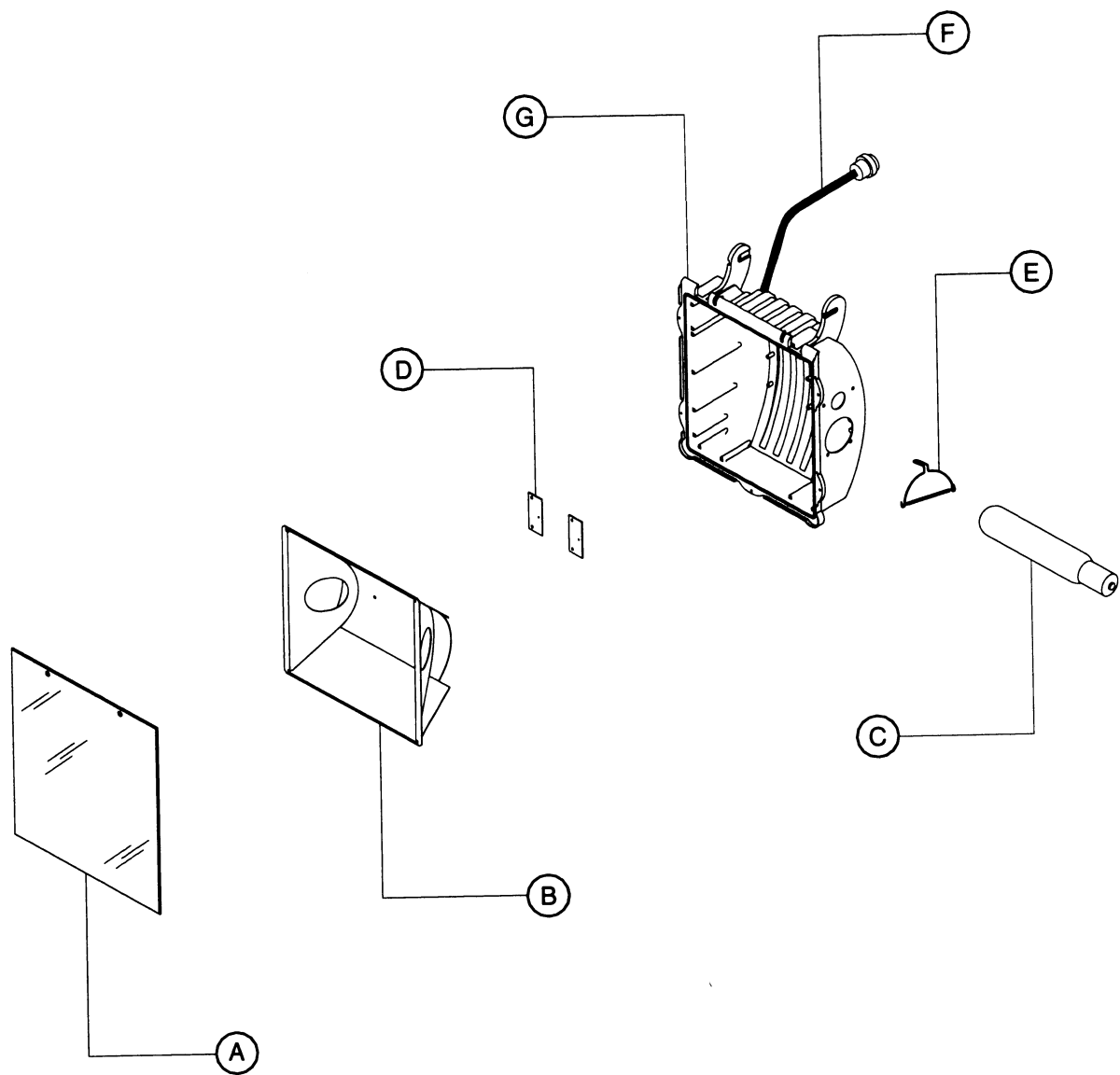
TOWER CABLES AND ROUTING

TOP



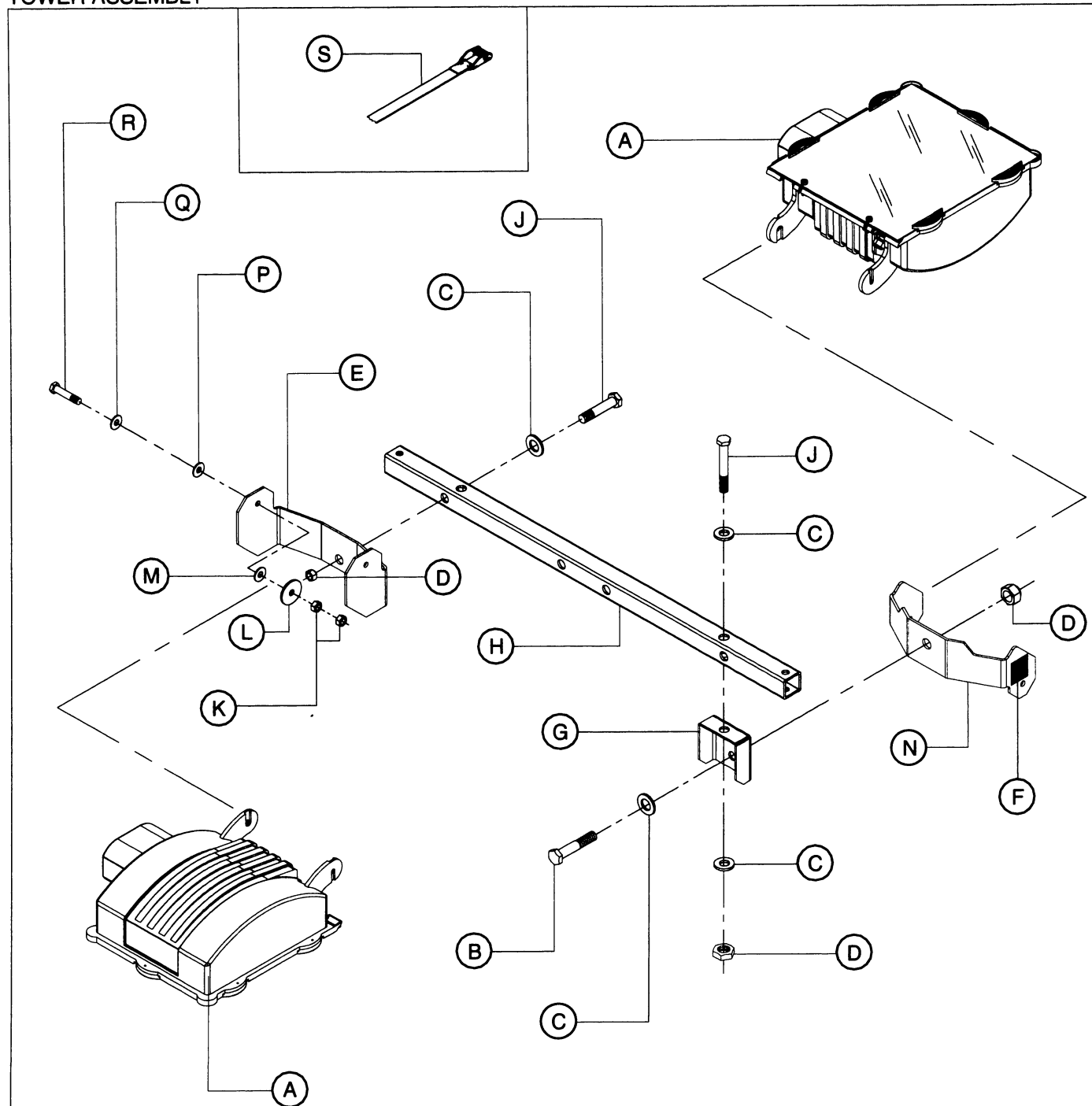
| ITEM | CPN      | QTY | DESCRIPTION    | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|----------------|------|-----|-----|-------------|
| A    | 22469878 | 1   | CABLE , WINCH  |      |     |     |             |
| B    | 36769743 | 3   | NUT            |      |     |     |             |
| C    | 96702659 | 3   | SCREW          |      |     |     |             |
| D    | 95934998 | 3   | WASHER         |      |     |     |             |
| E    | 36783009 | 6   | PULLEY , CABLE |      |     |     |             |
| F    | 22469886 | 2   | CABLE , MAST   |      |     |     |             |
| G    | 95928867 | 9   | PIN , COTTER   |      |     |     |             |
| H    | 36869246 | 9   | PIN , PULLEY   |      |     |     |             |

LIGHT ASSEMBLY



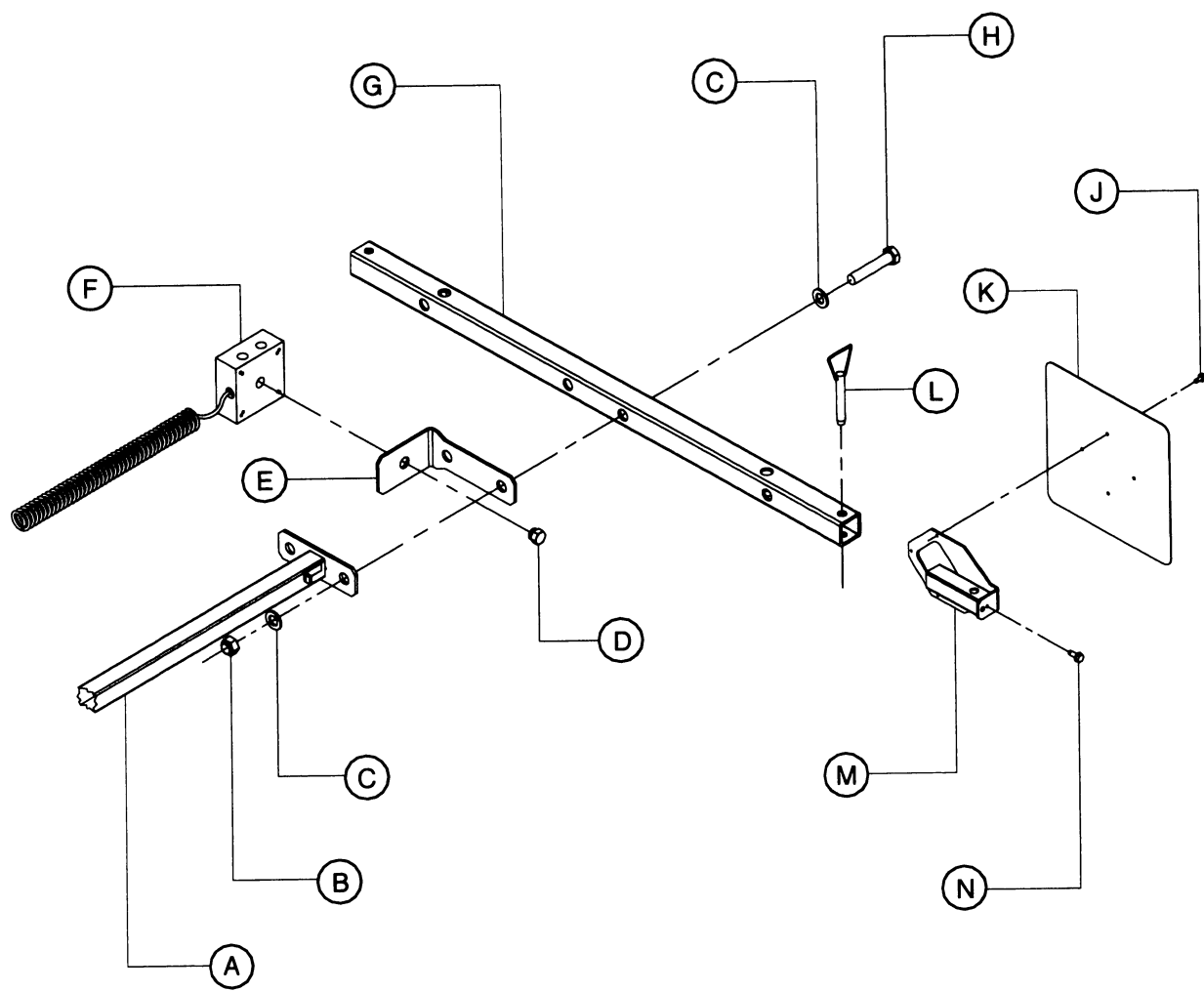
| ITEM | CPN      | QTY | DESCRIPTION                                          | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|------------------------------------------------------|------|-----|-----|-------------|
| A    | 22518120 | 4   | COVER , LENS                                         |      |     |     |             |
| B    | 22518112 | 4   | REFLECTOR                                            |      |     |     |             |
| C    | 22518104 | 1   | LAMP , 1000W BULB                                    |      |     |     |             |
| D    | 22518153 | 8   | PLATE , RETAINER                                     |      |     |     |             |
| E    | 22547954 | 4   | SUPPORT , BULB SPRING                                |      |     |     |             |
| F    | 36779346 | 4   | CORD                                                 |      |     |     |             |
| G    | 22514350 | 4   | HOUSING                                              |      |     |     |             |
|      | 22514343 | 4   | FLOODLIGHT ASSEMBLY ( INCLUDES ITEMS A, B, D AND G ) |      |     |     |             |

# TOWER ASSEMBLY



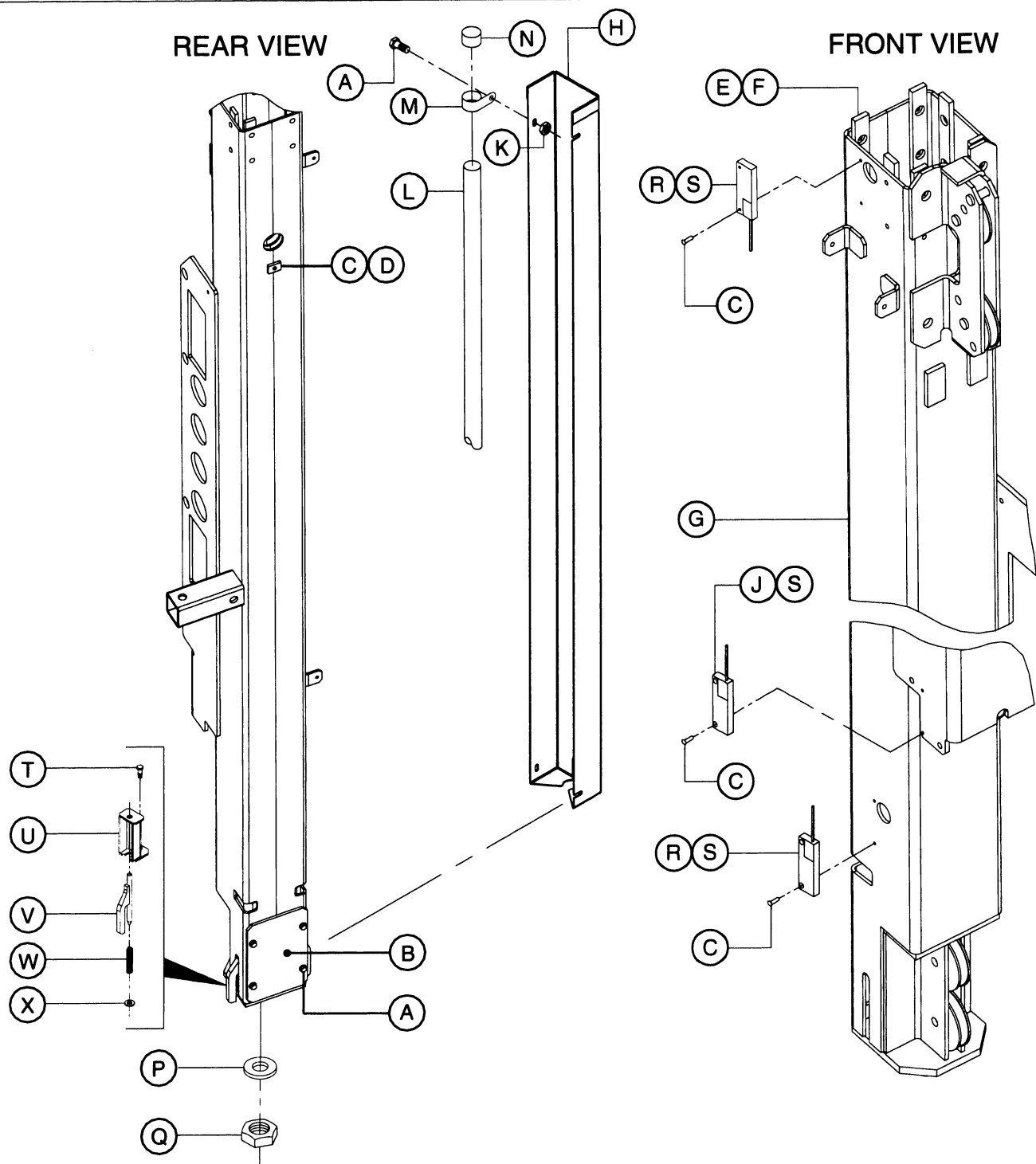
| ITEM | CPN      | QTY | DESCRIPTION          | ITEM | CPN      | QTY | DESCRIPTION       |
|------|----------|-----|----------------------|------|----------|-----|-------------------|
| A    | 22514343 | 4   | FLOOD LIGHT ASSEMBLY | J    | 96715354 | 4   | SCREW             |
| B    | 35375377 | 2   | SCREW                | K    | 96735550 | 16  | NUT               |
| C    | 95935011 | 12  | WASHER               | L    | 36899037 | 8   | WASHER            |
| D    | 96702741 | 6   | NUT                  | M    | 22522023 | 8   | WASHER , NYLON    |
| E    | 22557946 | 2   | TRUNNION , UPPER     | N    | 22558738 | 2   | TRUNNION , LOWER  |
| F    | 92867530 | 4   | DECAL , HOT SURFACE  | P    | 39139316 | 8   | WASHER , NYLON    |
| G    | 22557953 | 2   | BRACKET , ADJUSTMENT | Q    | 95935037 | 8   | WASHER            |
| H    | 22477962 | 1   | CROSSBAR , LIGHT     | R    | 96702428 | 8   | SCREW             |
|      |          |     |                      | S    | 22593305 | 2   | STRAP , TRANSPORT |

TOWER ASSEMBLY



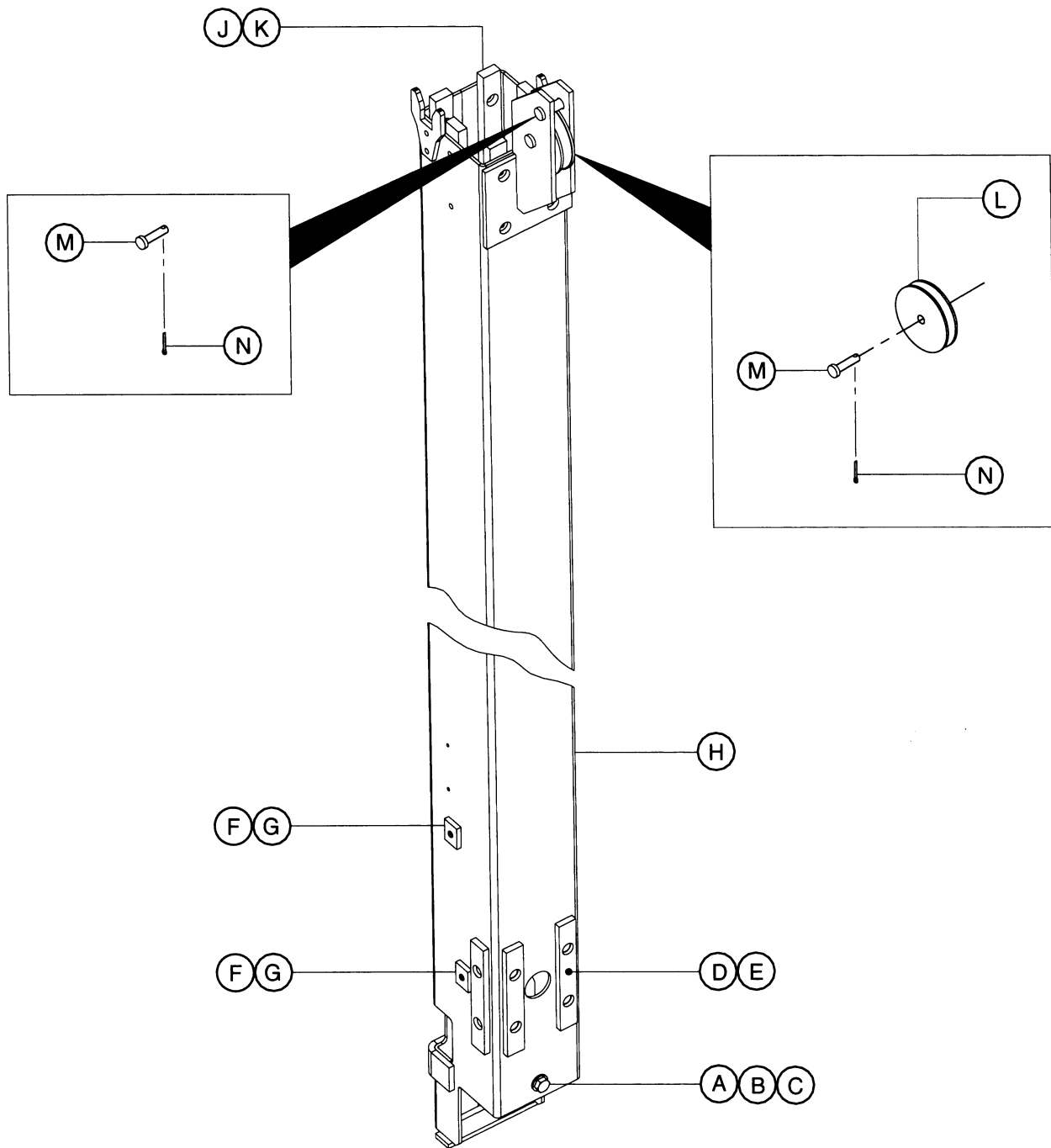
| ITEM | CPN      | QTY | DESCRIPTION                        | ITEM | CPN      | QTY | DESCRIPTION    |
|------|----------|-----|------------------------------------|------|----------|-----|----------------|
| A    | 22477954 | 1   | MAST , TOP                         | T    | 95935037 | 2   | SCREW          |
| B    | 96702741 | 2   | NUT                                | U    | 22514343 | 1   | LIGHT ASSEMBLY |
| C    | 95935011 | 4   | WASHER                             |      |          |     |                |
| D    | 36889186 | 1   | PLUG                               |      |          |     |                |
| E    | 22481196 | 1   | SUPPORT , JUNCTION BOX             |      |          |     |                |
| F    | 22333215 | 1   | JUNCTION BOX AND CORD ASSEMBLY     |      |          |     |                |
| G    | 22477962 | 1   | CROSSBAR , LIGHT                   |      |          |     |                |
| H    | 96715354 | 2   | SCREW                              |      |          |     |                |
| J    | 92368687 | 4   | SCREW                              |      |          |     |                |
| K    | 22519656 | 1   | REFLECTOR , TRANSPORT WARNING SIGN |      |          |     |                |
| L    | 36848224 | 1   | PIN                                |      |          |     |                |
| M    | 22523484 | 1   | BRACKET , REFLECTOR                |      |          |     |                |
| N    | 96702659 | 1   | SCREW                              |      |          |     |                |

# LOWER MAST TUBE ASSEMBLY



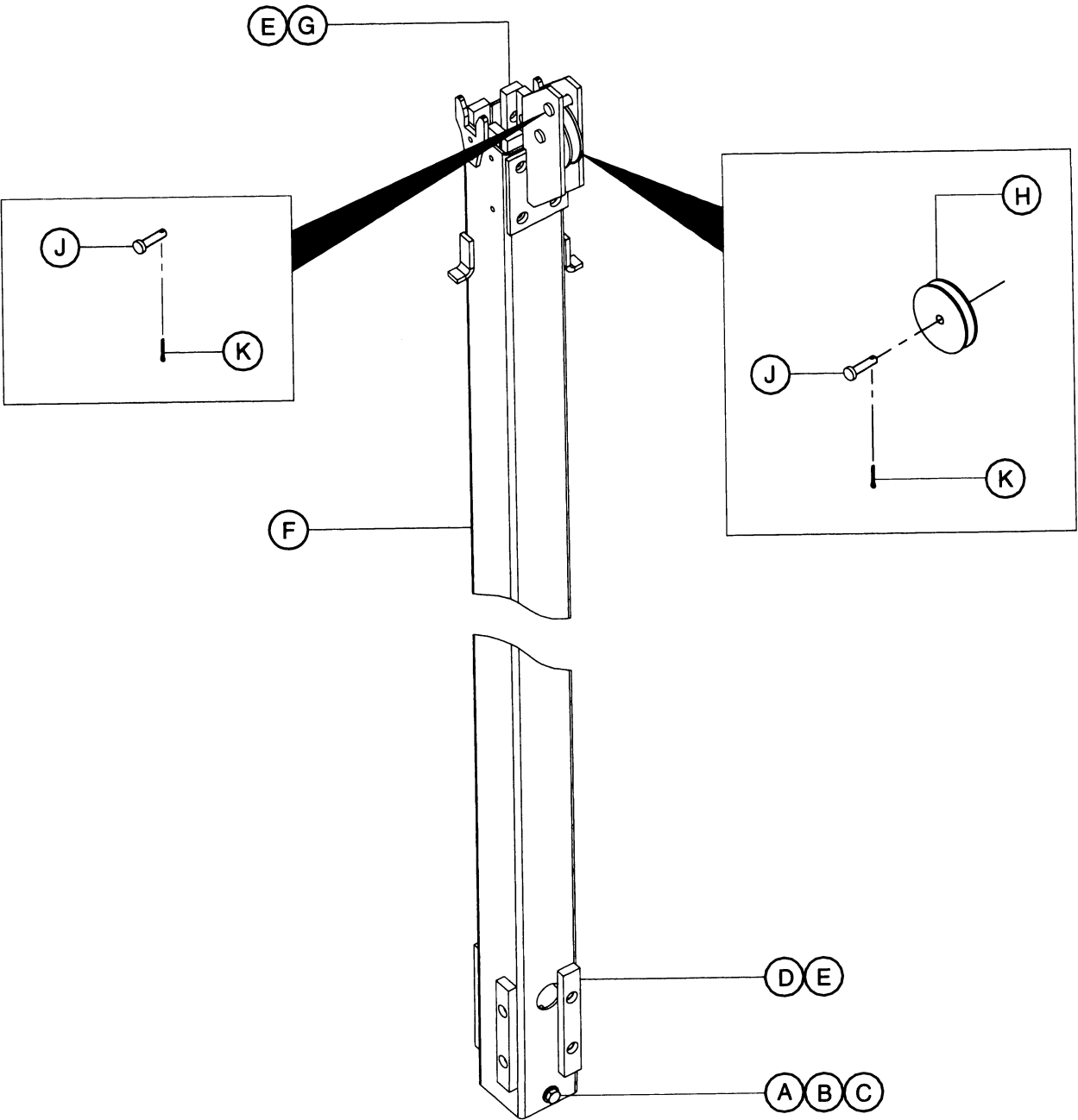
| ITEM | CPN      | QTY | DESCRIPTION       | ITEM | CPN      | QTY | DESCRIPTION          |
|------|----------|-----|-------------------|------|----------|-----|----------------------|
| A    | 92368687 | 8   | SCREW             | L    | 22481220 | 1   | TUBING , WIRE SHIELD |
| B    | 22481212 | 1   | PLATE , ACCESS    | M    | 35253038 | 2   | CLAMP                |
| C    | 95962734 | 7   | RIVET , BLIND     | N    | 22367163 | 2   | CAP                  |
| D    | 36876746 | 1   | MAGNET            | P    | 95939492 | 3   | WASHER               |
| E    | 22458012 | 6   | SLIDE , MAST 6MM  | Q    | 35356526 | 1   | NUT                  |
| F    | 35120492 | 12  | RIVET , DRIVE     | R    | 36876803 | 2   | SWITCH , N / C       |
| G    | 22477921 | 1   | MAST , LOWER TUBE | S    | 35323385 | 6   | TERMINAL             |
| H    | 22481204 | 1   | SHROUD , CABLE    | T    | 96738802 | 2   | SCREW                |
| J    | 22494603 | 1   | SWITCH , N / O    | U    | 22481188 | 2   | COVER , SPRING       |
| K    | 96703806 | 2   | NUT               | V    | 22481311 | 2   | PIN                  |
|      |          |     |                   | W    | 22469589 | 2   | SPRING               |
|      |          |     |                   | X    | 95935037 | 2   | WASHER               |

# LOWER MIDDLE MAST TUBE ASSEMBLY



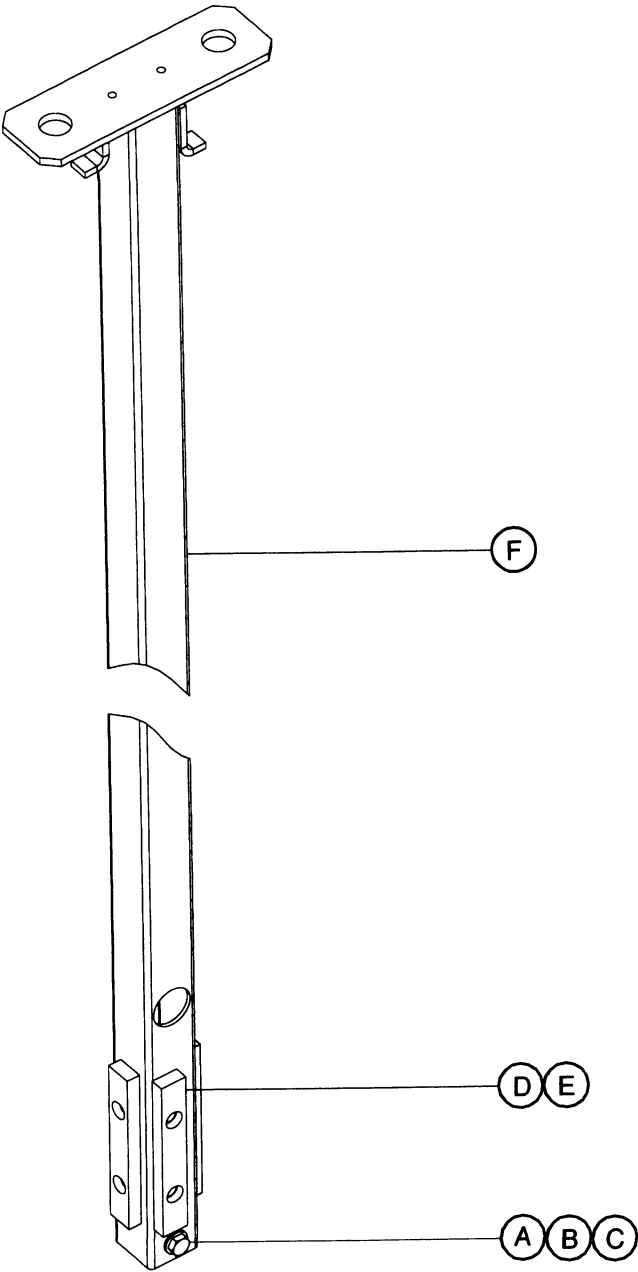
| ITEM | CPN      | QTY | DESCRIPTION              | ITEM | CPN      | QTY | DESCRIPTION  |
|------|----------|-----|--------------------------|------|----------|-----|--------------|
| A    | 96702659 | 1   | SCREW                    | L    | 36783009 | 1   | PULLEY       |
| B    | 36769743 | 1   | NUT                      | M    | 36869246 | 2   | PIN          |
| C    | 95934998 | 1   | WASHER                   | N    | 95928867 | 2   | PIN , COTTER |
| D    | 36884419 | 12  | RIVET , ALUMINUM         |      |          |     |              |
| E    | 22458012 | 6   | SLIDE , MAST 6MM         |      |          |     |              |
| F    | 95962734 | 2   | RIVET , BLIND            |      |          |     |              |
| G    | 36876746 | 2   | MAGNET                   |      |          |     |              |
| H    | 22477939 | 1   | MAST , LOWER MIDDLE TUBE |      |          |     |              |
| J    | 35120492 | 12  | RIVET , DRIVE            |      |          |     |              |
| K    | 22480206 | 6   | SLIDE , MAST 10MM        |      |          |     |              |

UPPER MIDDLE MAST TUBE ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION              | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|--------------------------|------|-----|-----|-------------|
| A    | 96702659 | 1   | SCREW                    |      |     |     |             |
| B    | 36769743 | 1   | NUT                      |      |     |     |             |
| C    | 95934998 | 1   | WASHER                   |      |     |     |             |
| D    | 36884419 | 8   | RIVET , ALUMINUM         |      |     |     |             |
| E    | 22480206 | 10  | SLIDE , MAST 10MM        |      |     |     |             |
| F    | 22477947 | 1   | MAST , UPPER MIDDLE TUBE |      |     |     |             |
| G    | 35120492 | 12  | RIVET , DRIVE            |      |     |     |             |
| H    | 36783009 | 1   | PULLEY                   |      |     |     |             |
| J    | 36869246 | 2   | PIN                      |      |     |     |             |
| K    | 95928867 | 2   | PIN , COTTER             |      |     |     |             |

UPPER MAST TUBE ASSEMBLY



| ITEM | CPN      | QTY | DESCRIPTION       | ITEM | CPN | QTY | DESCRIPTION |
|------|----------|-----|-------------------|------|-----|-----|-------------|
| A    | 96702659 | 1   | SCREW             |      |     |     |             |
| B    | 36769743 | 1   | NUT               |      |     |     |             |
| C    | 95934998 | 1   | WASHER            |      |     |     |             |
| D    | 36884419 | 8   | RIVET , ALUMINUM  |      |     |     |             |
| E    | 22480206 | 4   | SLIDE , MAST 10MM |      |     |     |             |
| F    | 22477954 | 1   | MAST , UPPER TUBE |      |     |     |             |