

# PARTS MANUAL



**Doosan Infracore**  
Portable Power

**HP675WCU-T3 (B74)**  
**HP750WCU-T3 (B76)**  
**XP750WCU-T3 (B75)**  
**XP825WCU-T3 (B77)**

## COMPRESSOR MODELS

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## **Section A - Parts Ordering**



## **GENERAL**

This publication, which contains an illustrated parts breakdown, 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 for your compressor.

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

Ingersoll-Rand Company service facilities and parts are available worldwide. Consult local yellow pages or visit: [www.portablepower.irco.com](http://www.portablepower.irco.com).

Special order parts may not be included in this manual. Contact the Mocksville Parts Department with the unit serial number for assistance with these special 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.

In referring to the rear, the front or to either side of the unit, always consider the drawbar end of the unit as the front.

Standing at the rear of the unit facing the drawbar (front) will determine the right and left sides.

### **Fasteners**

Both SAE/inch and ISO/metric hardware have been used in the design and assembly of these units. In the disassembly and reassembly of parts, extreme care must be taken to avoid damaging threads by the use of wrong fasteners.

### **How To Order**

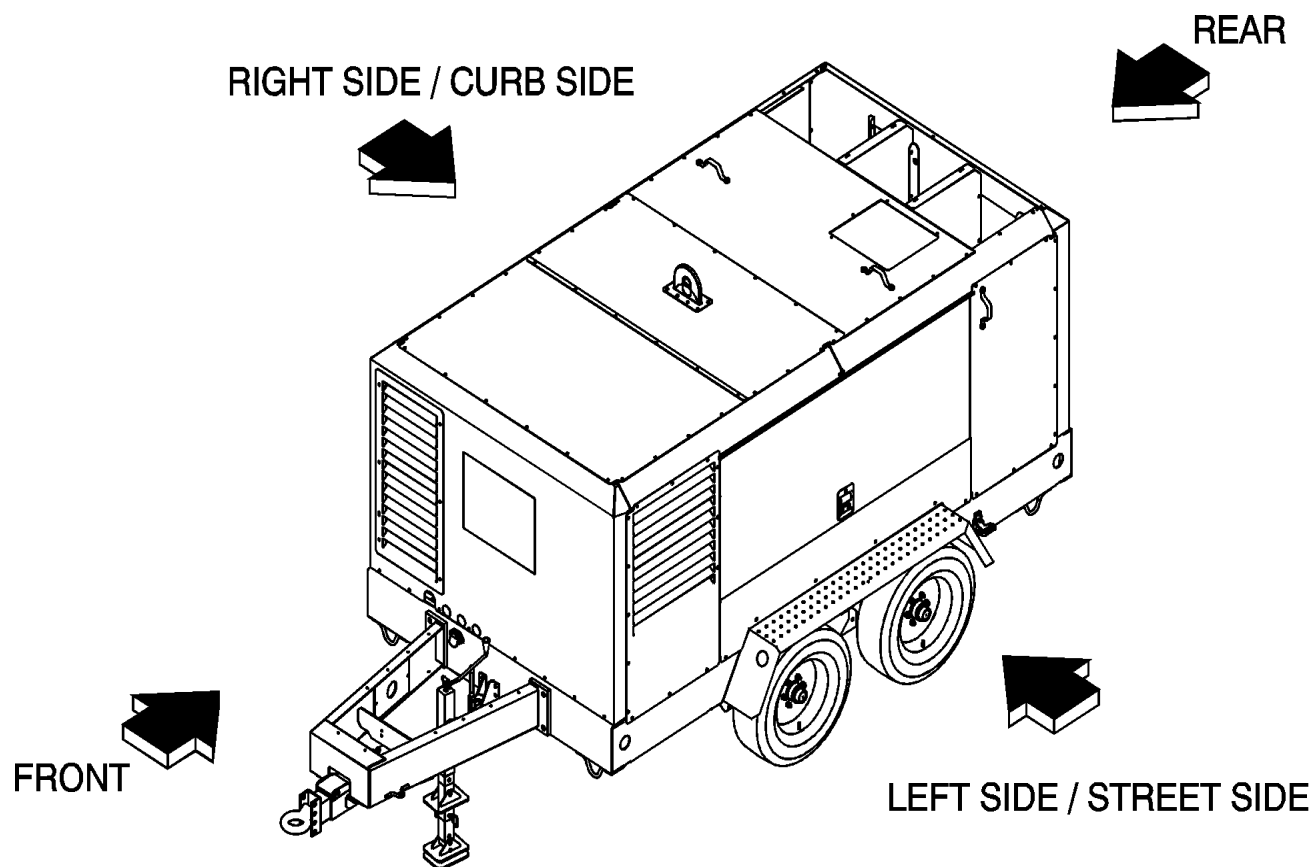
Always specify the model and serial number of the unit.

Specify the part number and description.

## **Section B - COMPRESSOR PARTS**



GENERAL ARRANGEMENT

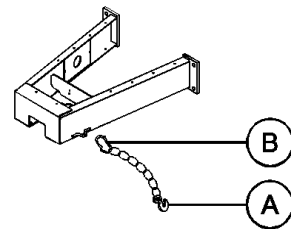
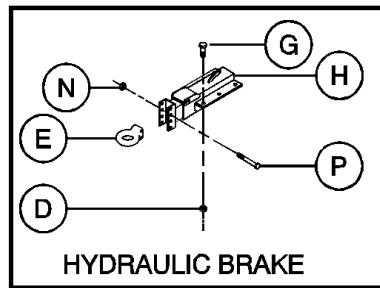
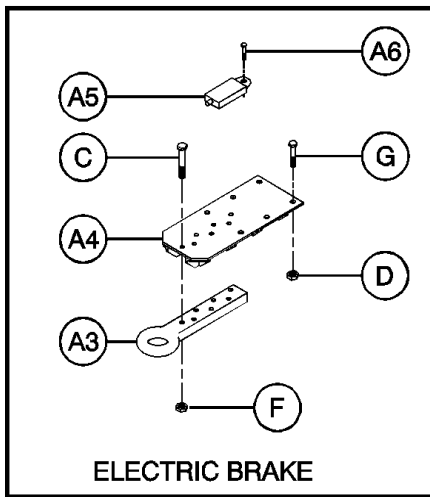
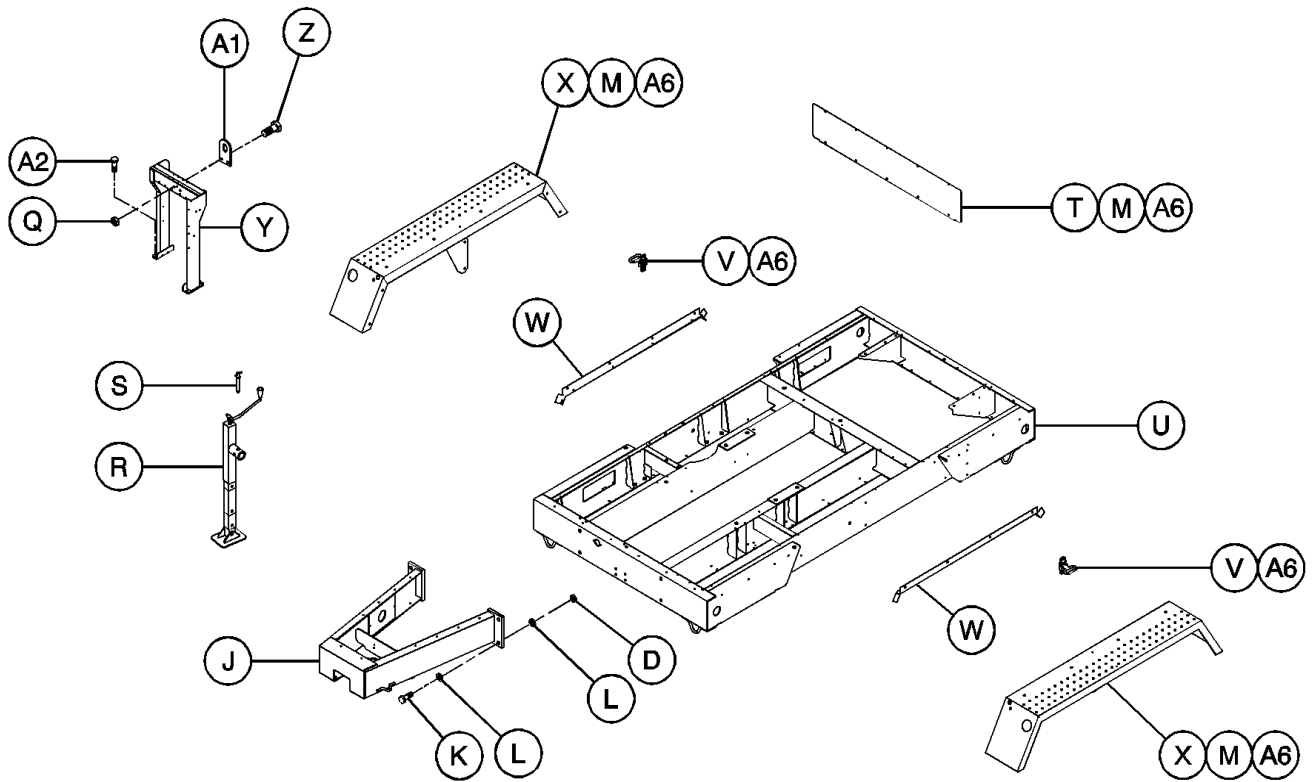


22826218\_cp01\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------|-----|------------------|
|      |           |             |     |                  |



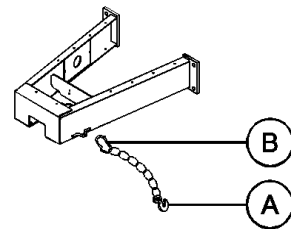
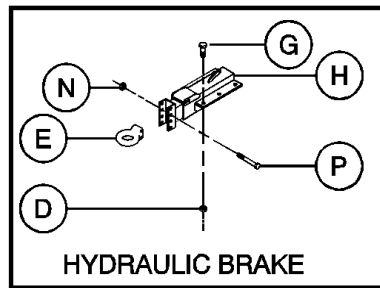
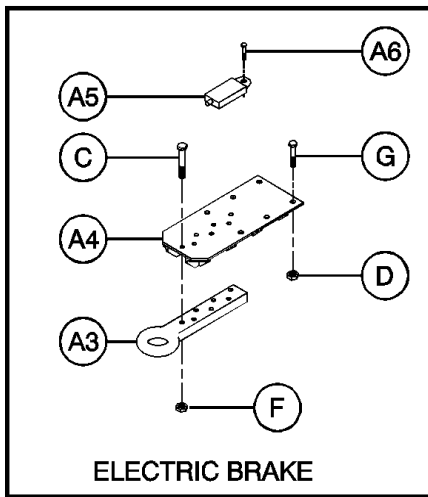
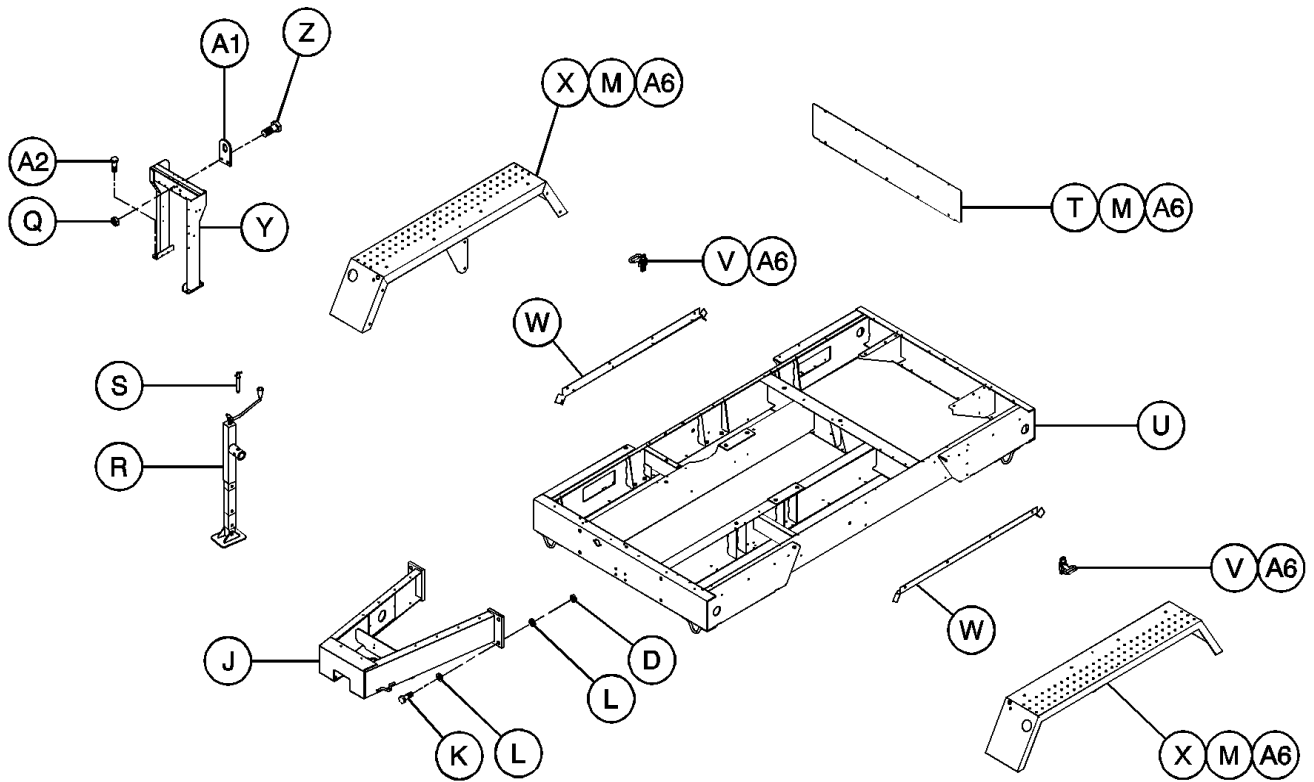
## FRAME ASSEMBLY



22826218\_cp02\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------|-----|------------------|
| A    | 35604636  | Chain Assembly             | 2   |                  |
| B    | 35369800  | Coupling, Chain            | 2   |                  |
| C    | 95934170  | Screw, Hex 5/8-11 x 3.0"   | 7   |                  |
| D    | 35356526  | Nut, Hex Lock Torq M20-2.5 | 10  |                  |
| E    | 35605187  | Eye, Pintle                | 1   |                  |
| F    | 35374453  | Nut, Hex Torq 5/8-11       | 7   |                  |
| G    | 35272558  | Screw Hex M20-2.5 x 45     | 6   |                  |
| H    | 36734879  | Actuator, Hydraulic Brake  | 1   |                  |

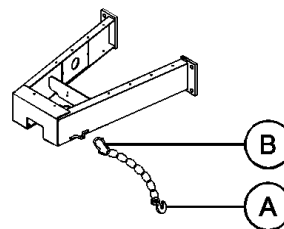
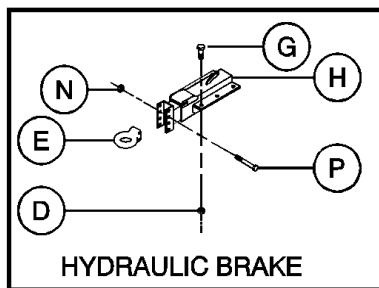
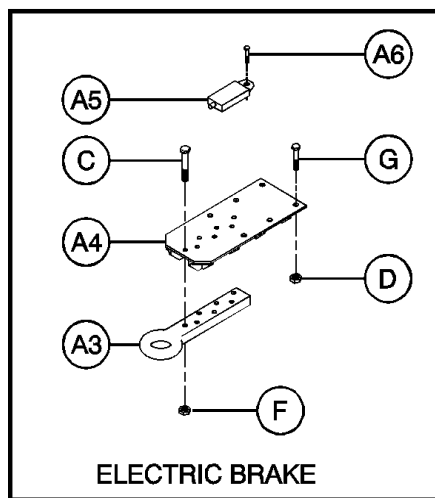
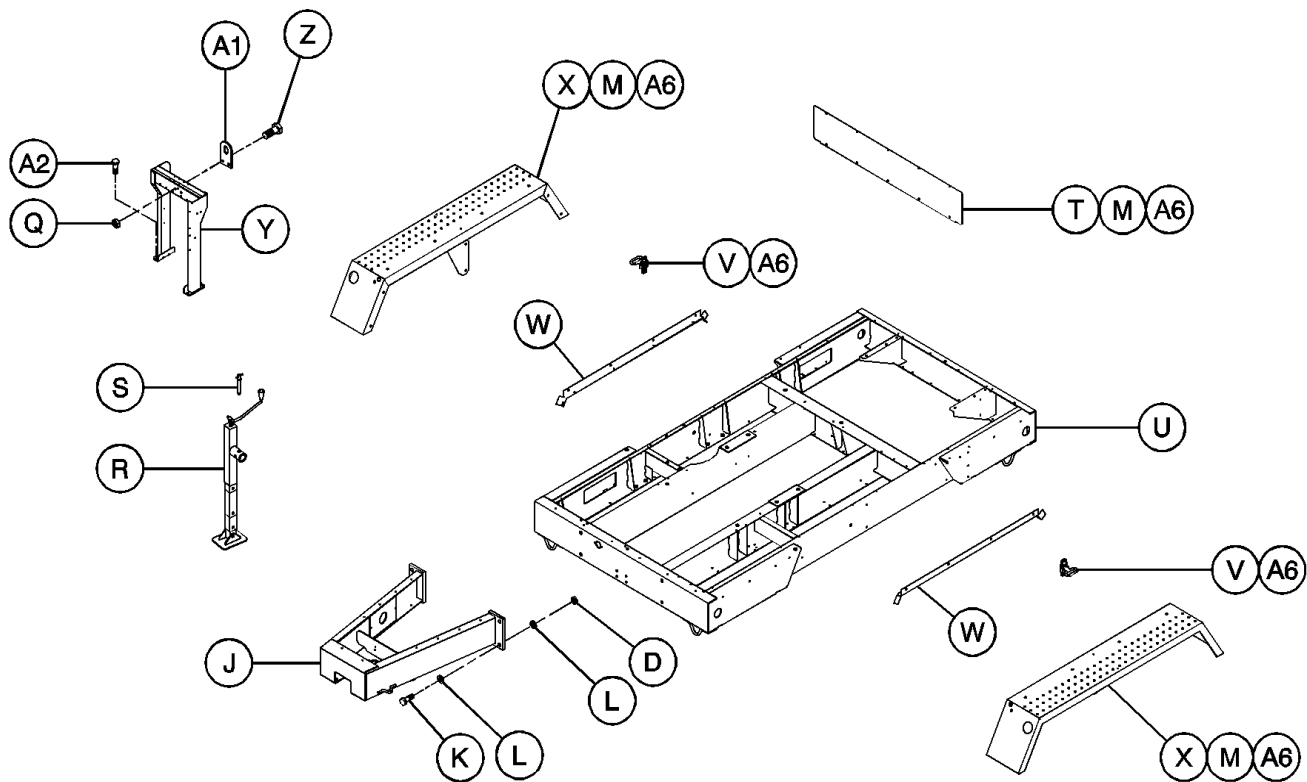
# FRAME ASSEMBLY cont'd



22826218\_cp02\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION              | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------|-----|------------------|
| J    | 22247191  | Drawbar                  | 1   |                  |
| K    | 35375963  | Screw, Hex M20-2.5 x 75  | 4   |                  |
| L    | 95935011  | Washer, Flat             | 8   |                  |
| M    | 36895746  | Nutsert, Hex M08         | 29  |                  |
| N    | 96701750  | Nut, Hex M16-2.0         | 4   |                  |
| P    | 35376094  | Screw, Hex M16-2.0 x 120 | 2   |                  |
| Q    | 96702741  | Nut, Nylock M20-2.50     | 2   |                  |
| R    | 36870111  | Jack, Drawbar            | 1   |                  |

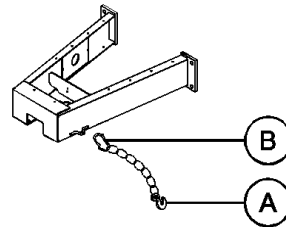
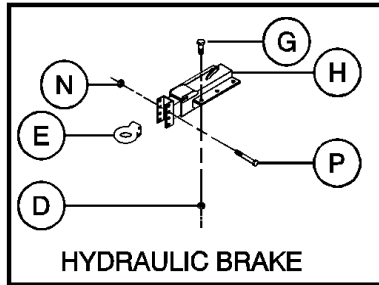
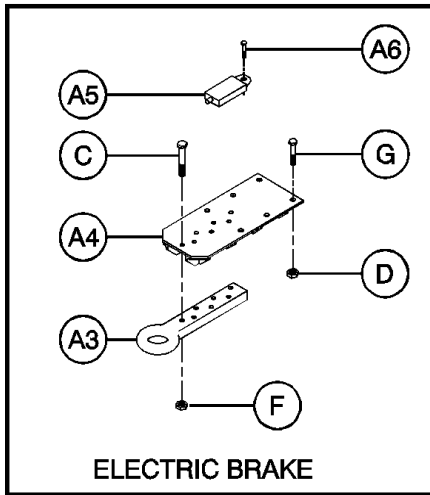
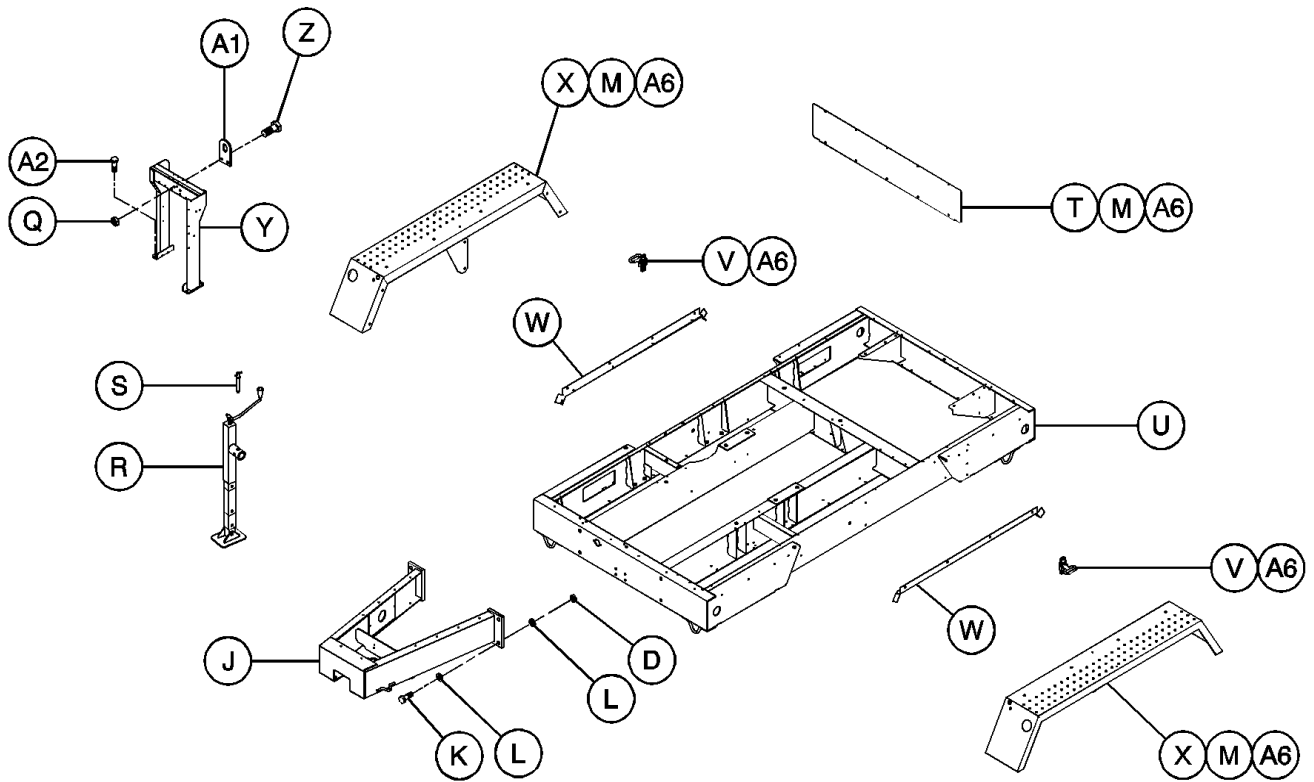
# FRAME ASSEMBLY cont'd



22826218\_cp02\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION           | QTY | DIMENSIONS/NOTES |
|------|-----------|-----------------------|-----|------------------|
| S    | 35609544  | Pin, Quick Release    | 1   |                  |
| T    | 22231732  | Bellypan, Discharge   | 1   |                  |
| U    | 22157556  | Frame, HSRG           | 1   |                  |
| V    | 35369313  | Step, Folding         | 2   |                  |
| W    | 22199582  | Panel, Fender Support | 2   |                  |
| X    | 22193718  | Fender (Standard)     | 2   |                  |
|      | 22193734  | Fender (Galvaneal)    | 2   |                  |
| Y    | 22159859  | Bail, Lifting         | 1   |                  |

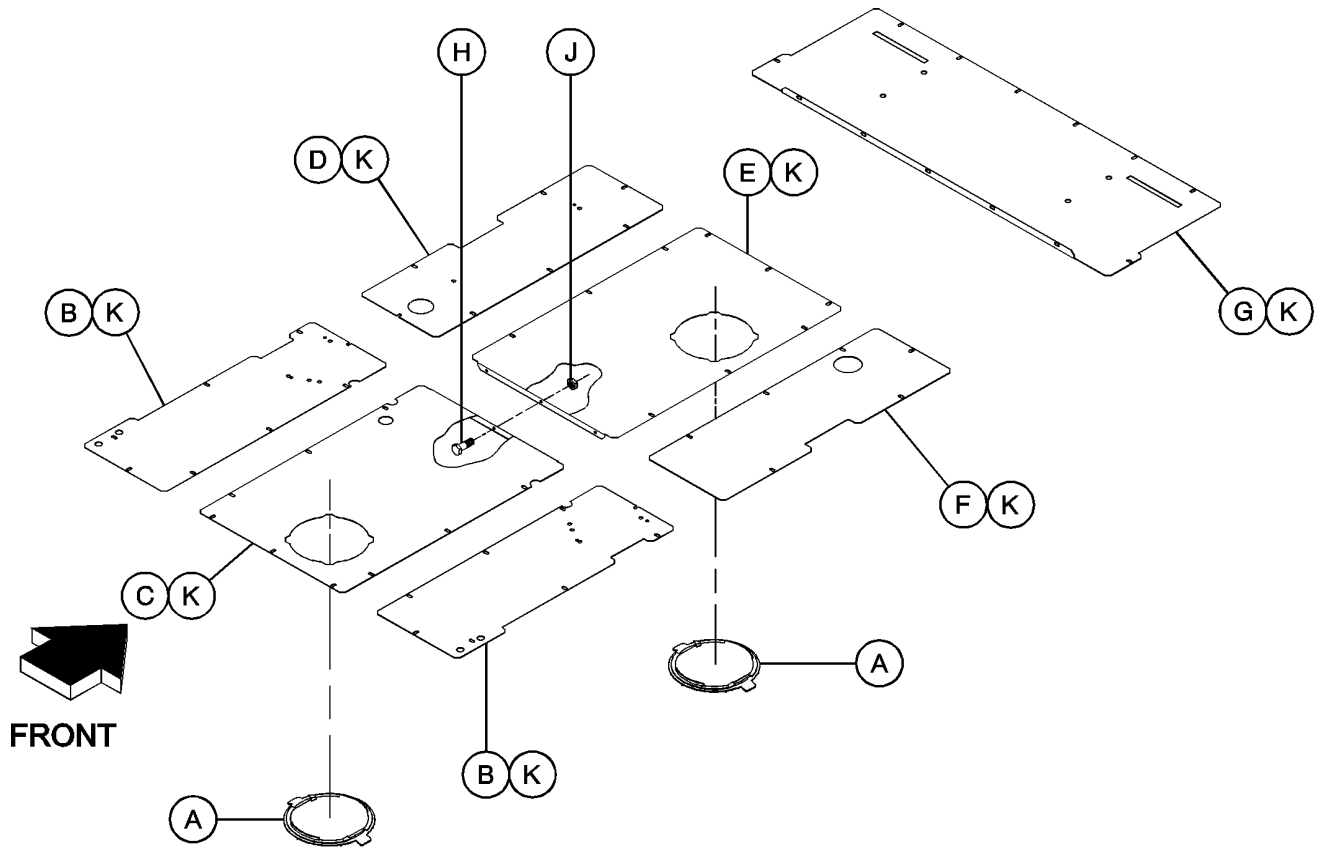
## FRAME ASSEMBLY cont'd



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| ITEM | COMM. NO. | DESCRIPTION                  | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------------------|-----|------------------|
| Z    | 36763670  | Screw, Hex M20-2.50 x 60     | 2   |                  |
| A1   | 22182307  | Plate, Lifting               | 1   |                  |
| A2   | 96700901  | Screw, Hex M20-2.50 x 40     | 4   |                  |
| A3   | 35327840  | Eye, Pintle                  | 1   |                  |
| A4   | 36742880  | Bracket, Pintle Eye          | 1   |                  |
| A5   | 35315944  | Switch, Break-Away           | 1   |                  |
| A6   | 35279025  | Screw, Tapping M08-1.25 x 20 | 39  |                  |

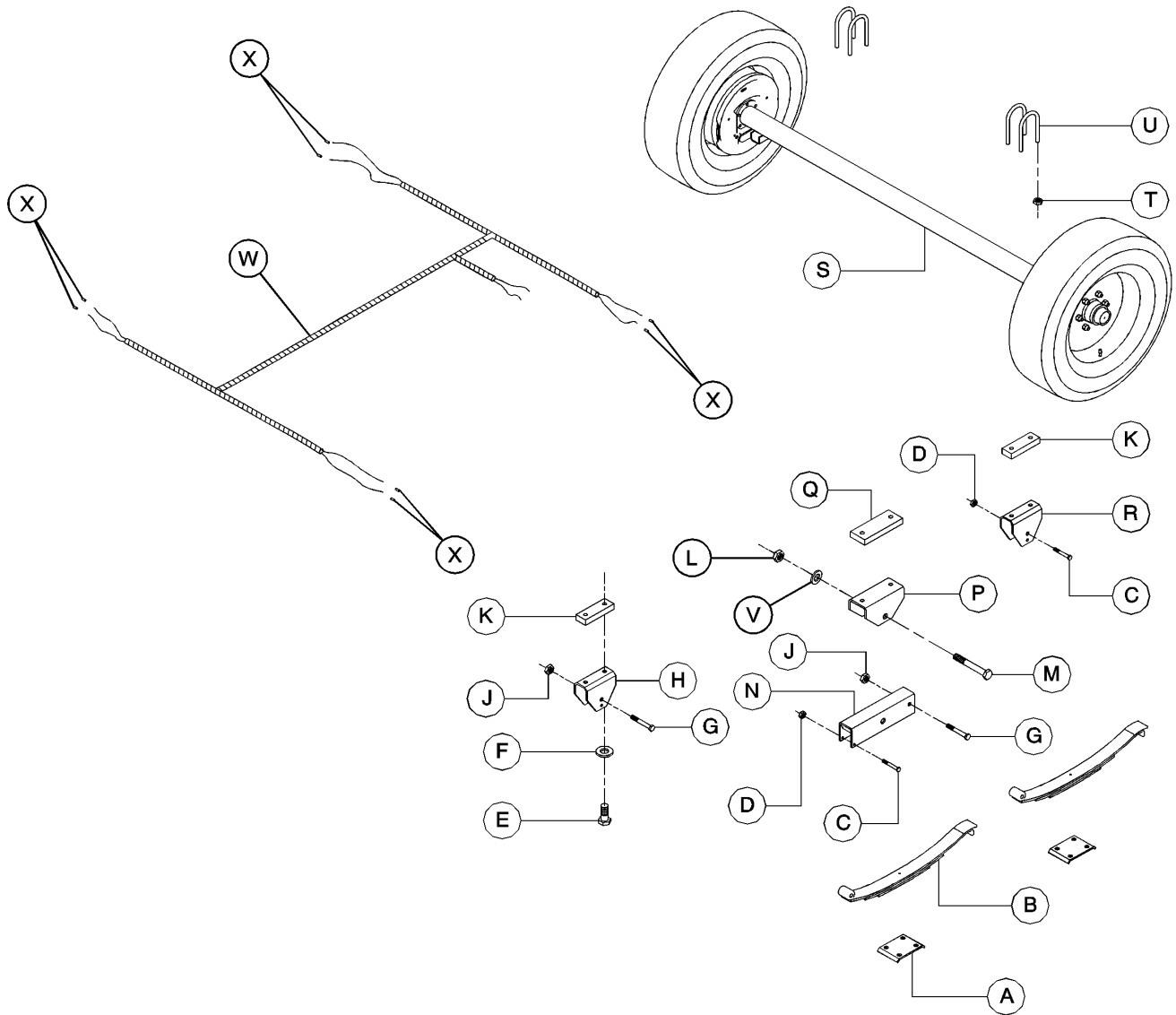
## BELLY PANS



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| ITEM | COMM. NO. | DESCRIPTION                     | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------|-----|------------------|
| A    | 36880623  | Cover, Access                   | 2   |                  |
| B    | 22231674  | Bellypan, Front Outside         | 2   |                  |
| C    | 22384754  | Bellypan, Air End               | 1   |                  |
| D    | 22231682  | Bellypan, Right Middle          | 1   |                  |
| E    | 22384747  | Bellypan, Engine                | 1   |                  |
| F    | 22231690  | Bellypan, Left Middle           | 1   |                  |
| G    | 22231724  | Bellypan, Rear Discharge        | 1   |                  |
| H    | 36889608  | Screw, Hex Flange M08-1.25 x 25 | 3   |                  |
| J    | 36881886  | Nut, Hex Flange M08-1.25        | 3   |                  |
| K    | 35279025  | Screw, Hex M08-1.25 x 20        | 55  |                  |

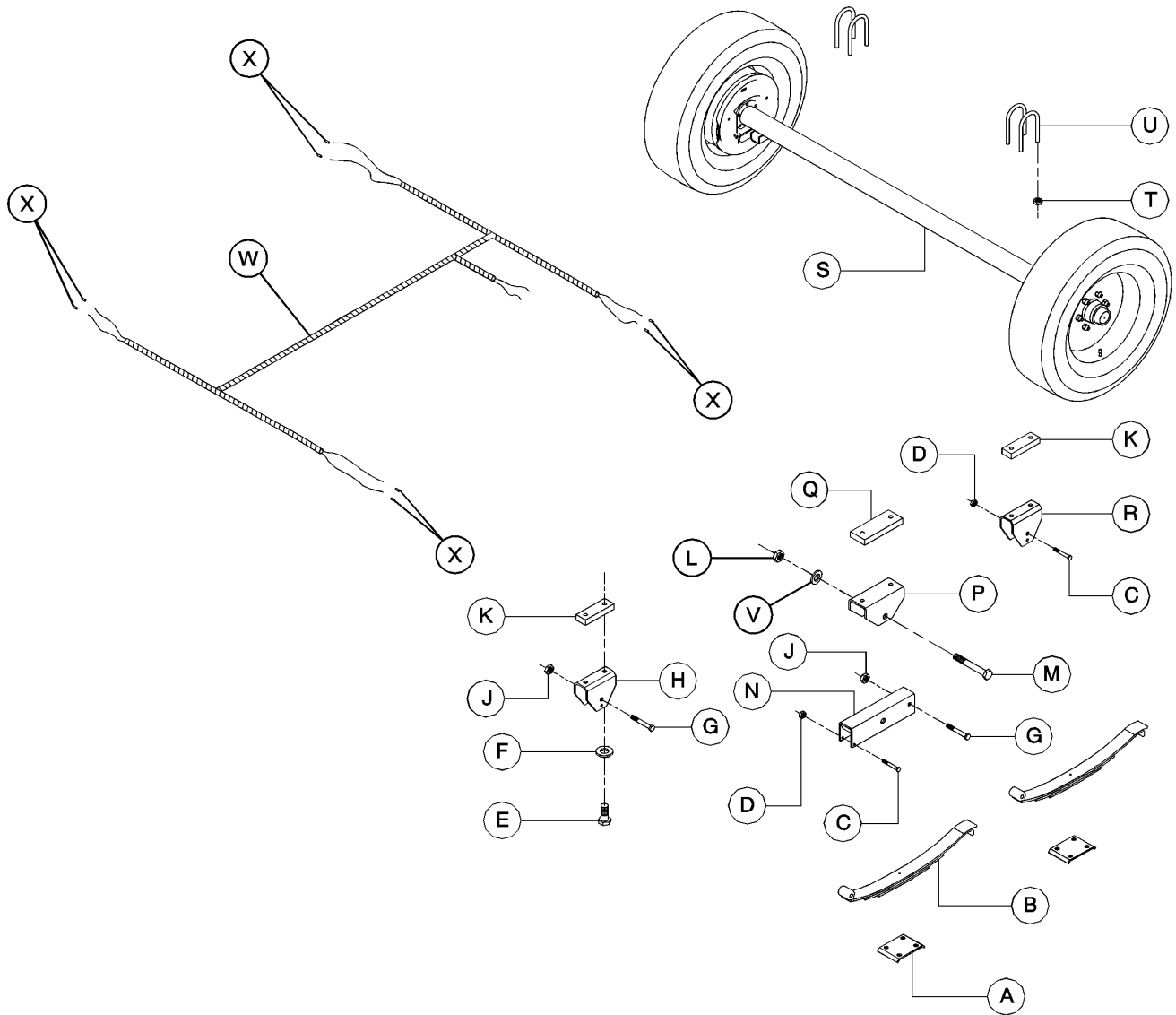
## RUNNING GEAR



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| ITEM | COMM. NO. | DESCRIPTION              | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------|-----|------------------|
| A    | 35315241  | Plate, Tie               | 4   |                  |
| B    | 35315126  | Spring, Slipper          | 4   |                  |
| C    | 35315365  | Screw, Keeper            | 4   |                  |
| D    | 35315373  | Nut, Keeper              | 4   |                  |
| E    | 96739958  | Screw, Hex M12-1.75 x 70 | 12  |                  |
| F    | 95935003  | Washer, Flat             | 12  |                  |
| G    | 35315340  | Screw, Shackle           | 4   |                  |
| H    | 35326958  | Hanger, Front            | 2   |                  |
| J    | 35315357  | Nut, Shackle             | 4   |                  |
| K    | 22278212  | Spacer, Shackle          | 4   |                  |
| L    | 36784882  | Nut, Equalizer           | 2   |                  |
| M    | 36784874  | Screw, Equalizer         | 2   |                  |

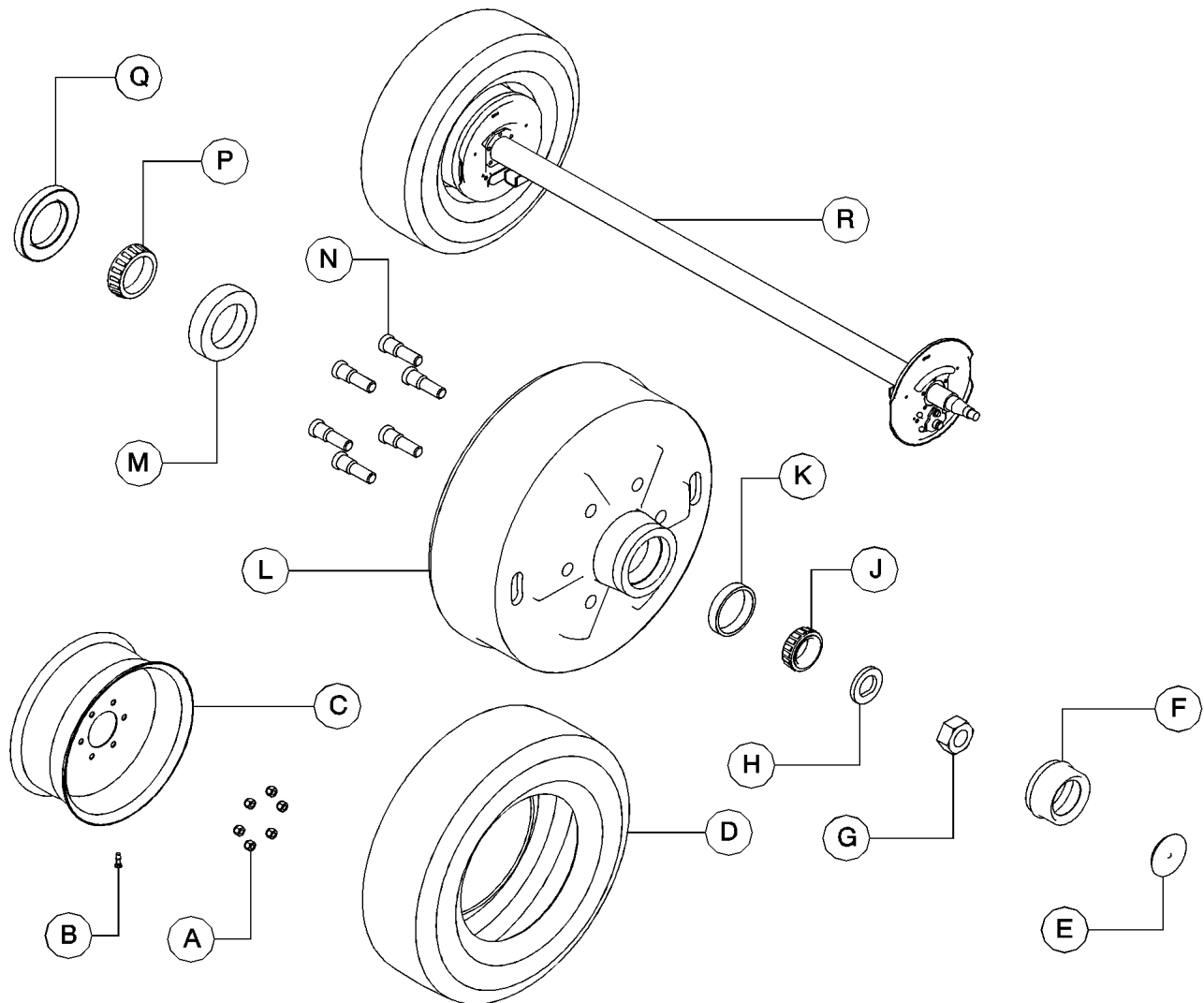
# RUNNING GEAR cont'd



22826218\_cp04\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------|-----|------------------|
| N    | 35356930  | Equalizer                  | 2   |                  |
| P    | 36895225  | Hanger, Equalizer          | 2   |                  |
| Q    | 22278196  | Spacer, Equalizer          | 2   |                  |
| R    | 35326966  | Hanger, Rear               | 2   |                  |
| S    | 22193015  | Axle with Electrical Brake | 2   |                  |
|      | 22161343  | Axle Hydraulic Front       | 1   |                  |
|      | 22161350  | Axle Hydraulic Rear        | 1   |                  |
| T    | 35315258  | NutHex 1/2-20              | 16  |                  |
| U    | 35316959  | U-Bolt, 1/2-20             | 8   |                  |
| V    | 95928321  | Washer, Flat               | 2   |                  |
| W    | 36875508  | Electrical Brake Harness   | 1   |                  |
| X    | 35375427  | Terminal, Snap             | 8   |                  |

## HUB and AXLE

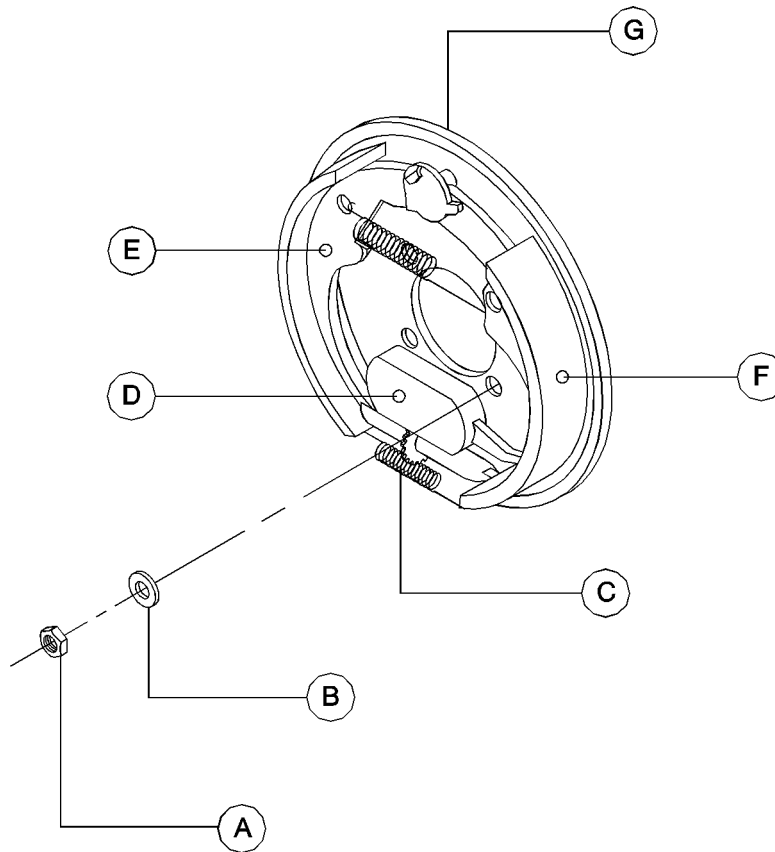


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| ITEM | COMM. NO. | DESCRIPTION               | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------|-----|------------------|
| A    | 35315274  | Nut, Lug                  | 24  |                  |
| B    | 35282565  | Stem, Valve               | 4   |                  |
| C    | 35318757  | Wheel                     | 4   |                  |
| D    | 22253041  | Tire                      | 4   |                  |
| E    | 35379387  | Cover, Rubber             | 4   |                  |
| F    | 35379395  | Cover, Dust Cap           | 4   |                  |
| G    | 35315217  | Nut, Spindle              | 4   |                  |
| H    | 35315209  | Washer, Spindle           | 4   |                  |
| J    | 35318849  | Cone, Outer Wheel Bearing | 4   |                  |
| K    | 35318831  | Cup, Outer Bearing        | 4   |                  |
| L    | 35390459  | Drum, Brake               | 4   |                  |
| M    | 35316884  | Cup, Inner Bearing        | 4   |                  |
| N    | 35361898  | Stud, Hub                 | 24  |                  |
| P    | 35316876  | Cone, Inner Wheel Bearing | 4   |                  |
| Q    | 35316868  | Seal, Hub                 | 4   |                  |
| R    | 22346126  | Beam, Axle                | 2   |                  |



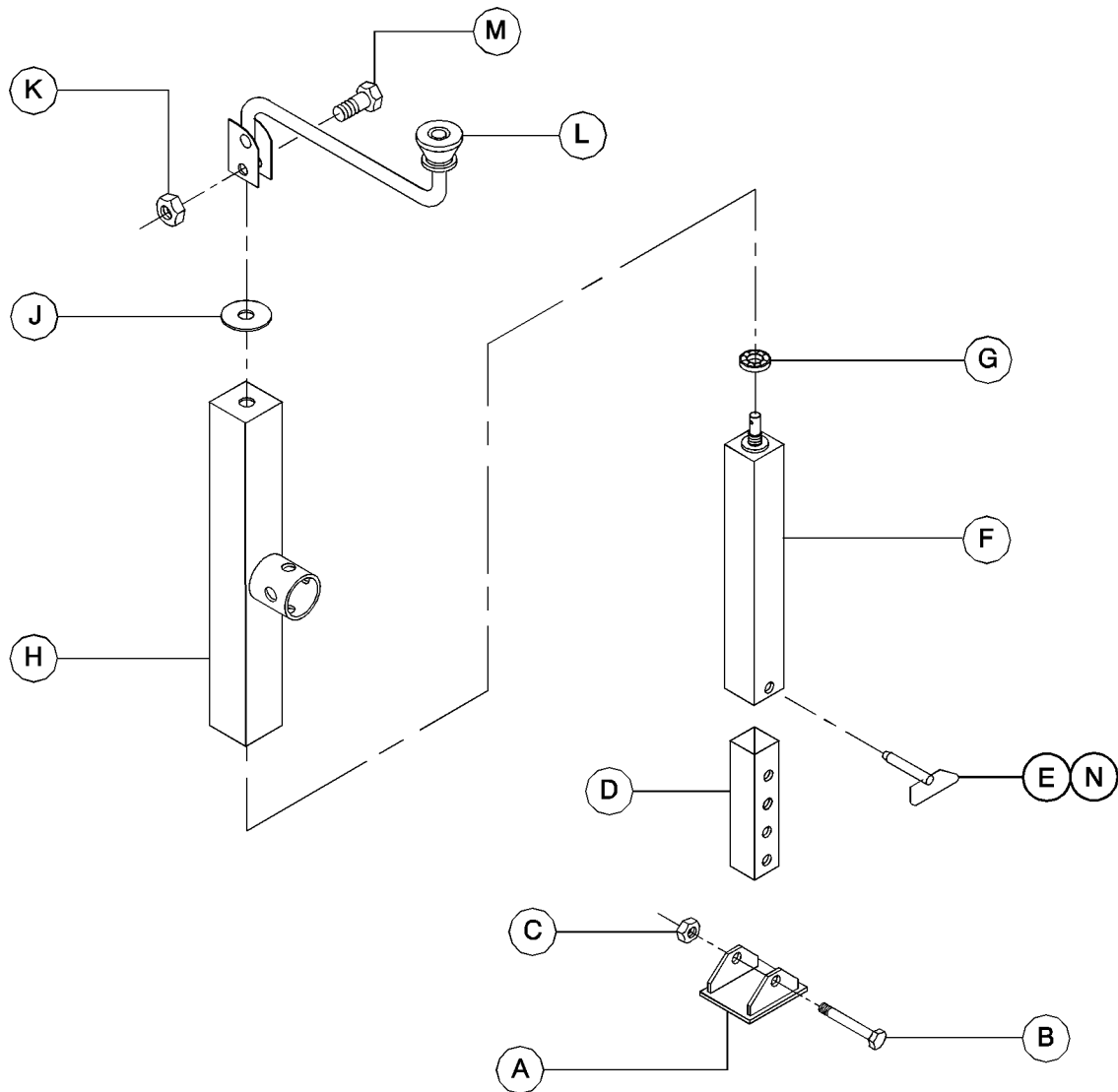
## ELECTRIC BRAKE PAD ASSEMBLY



22826218\_cp06\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                     | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------|-----|------------------|
| A    | 35356872  | Nut                             | 10  |                  |
| B    | 35356864  | Washer                          | 10  |                  |
| C    | 35393727  | Kit, Adjusting Screw and Spring | 2   |                  |
| D    | 36895811  | Kit, Magnet                     | 2   |                  |
| E    | 36895829  | Kit, Left Actuating Lever       | 1   |                  |
|      | 36895837  | Kit, Right Actuating Lever      | 1   |                  |
| F    | 36895803  | Kit, Shoe and Lining            | 2   |                  |
| G    | 35393859  | Plate, Left Backing, Assembly   | 1   |                  |
|      | 35393867  | Plate, Right Backing, Assembly  | 1   |                  |
|      | 35390814  | Complete Left Brake Assembly    | 1   |                  |
|      | 35390822  | Complete Right Brake Assembly   | 1   |                  |

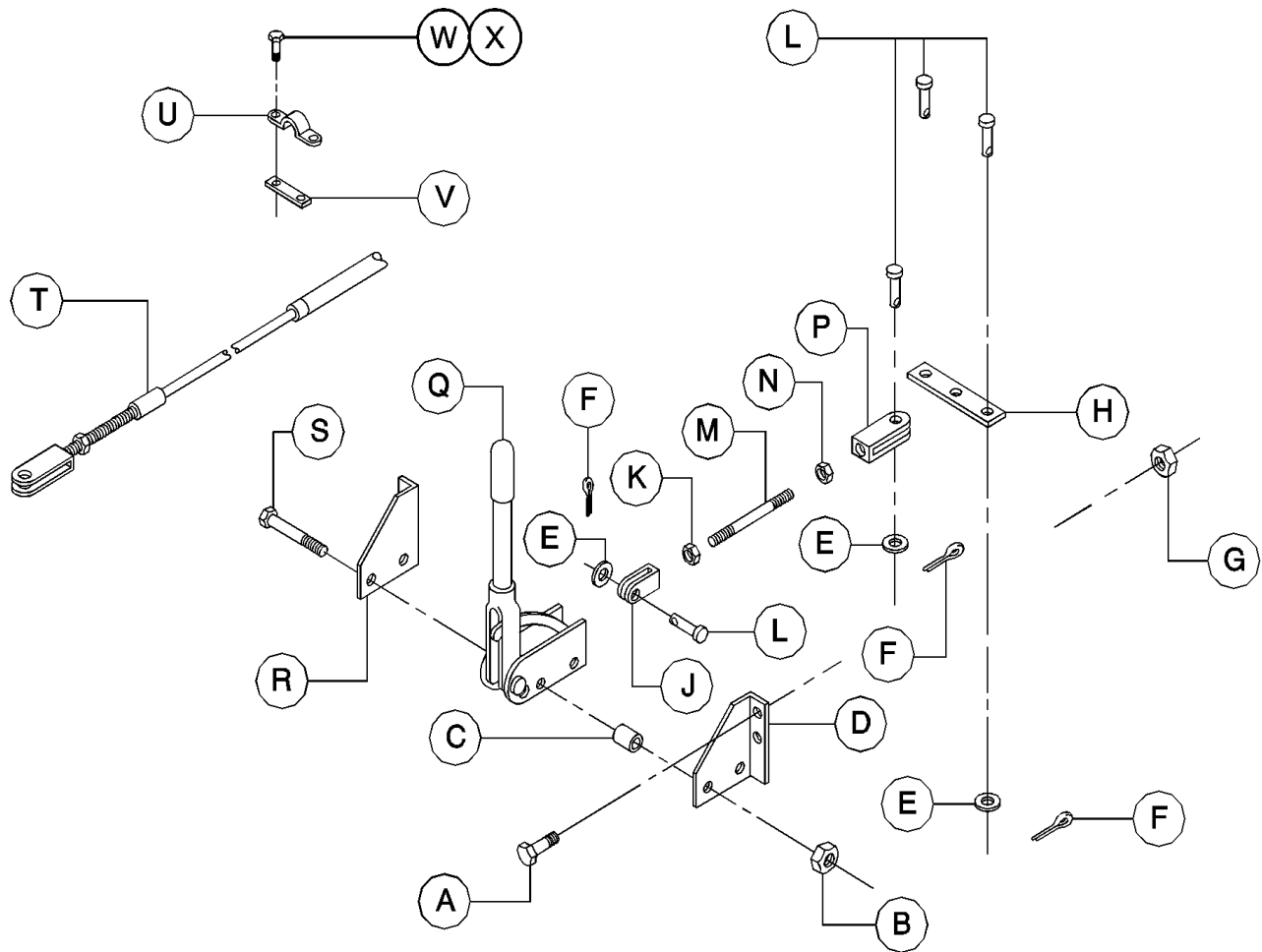
## DRAWBAR JACK ASSEMBLY



22826218\_cp07\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------|-----|------------------|
| A    | 36870145  | Base, Jack                 | 1   |                  |
| B    | 95954087  | Screw, Hex 9/16-18 x 3.50" | 1   |                  |
| C    | 35336700  | Nut, Torq 9/16-18          | 1   |                  |
| D    | 36870087  | Drop Leg and Sleeve        | 1   |                  |
| E    | 36870095  | Pin, Pull                  | 1   |                  |
| F    | 36870053  | Tube, Inner                | 1   |                  |
| G    | 36870079  | Bearing, Thrust            | 1   |                  |
| H    | 36870129  | Tube, Outer                | 1   |                  |
| J    | 95935011  | Washer, Flat               | 1   |                  |
| K    | 95923314  | Nut, Lock 5/16-18          | 1   |                  |
| L    | 36870061  | Crank Assembly             | 1   |                  |
| M    | 95935235  | Screw, Hex 5/16-18 x 1.50" | 1   |                  |
| N    | 36870103  | Clip, Pull Pin             | 1   |                  |

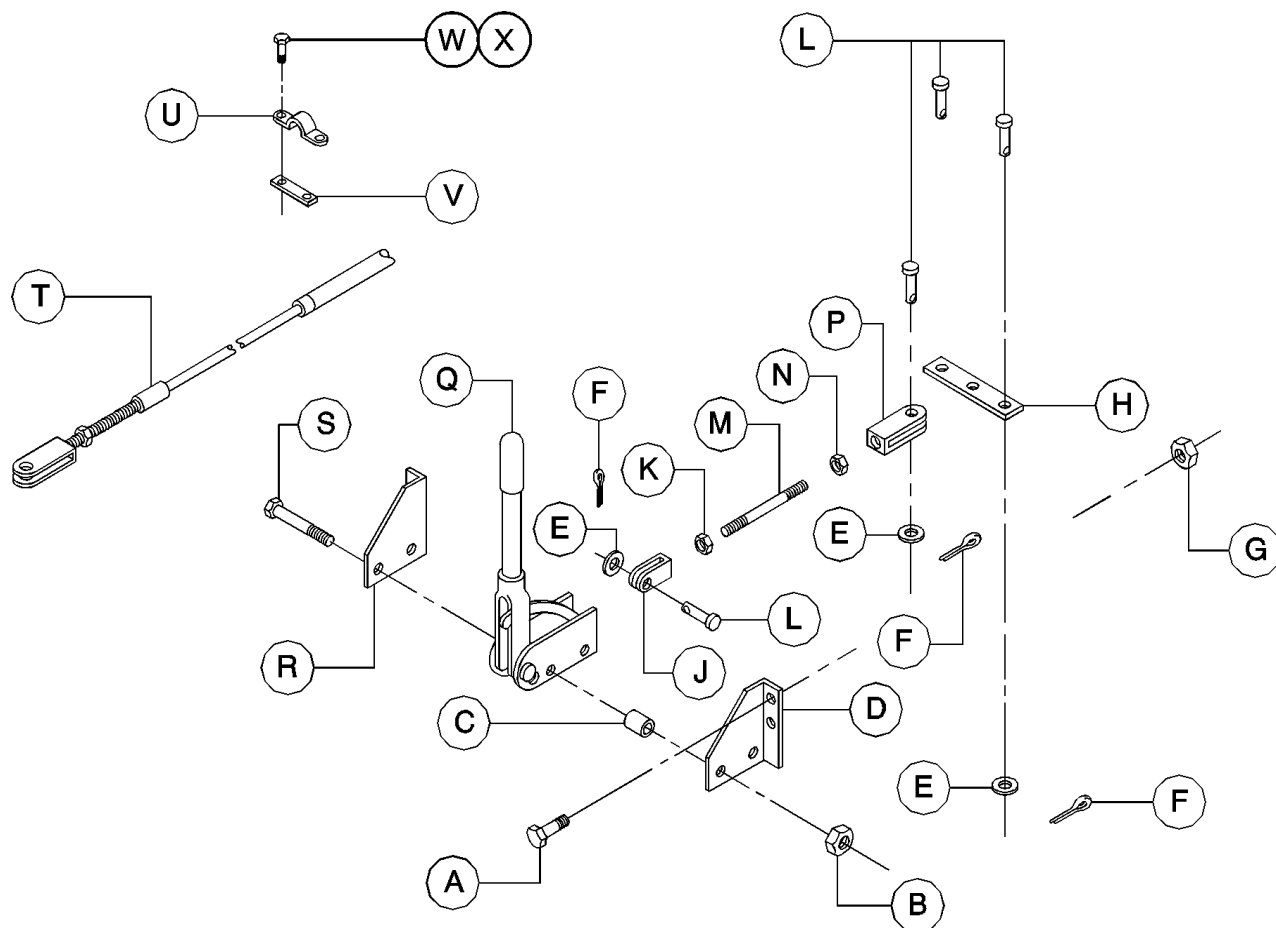
## PARKING BRAKE ASSEMBLY



22826218\_cp08\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION              | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------|-----|------------------|
| A    | 96702311  | Screw, Hex M12-1.75 x 30 | 4   |                  |
| B    | 36879195  | Nut, Hex Flange M10-1.5  | 2   |                  |
| C    | 35603224  | Spacer                   | 2   |                  |
| D    | 36847440  | Bracket, Left            | 1   |                  |
| E    | 95934998  | Washer                   | 4   |                  |
| F    | 95928867  | Pin, Cotter              | 4   |                  |
| G    | 96701743  | Nut, Hex M12-1.75        | 4   |                  |
| H    | 35602846  | Bracket, Equalizer       | 1   |                  |
| J    | 35603216  | Clevis                   | 1   |                  |
| K    | 95935086  | Nut, Hex 5/16-24         | 1   |                  |
| L    | 35357151  | Pin                      | 4   |                  |
| M    | 35603182  | Rod, Link                | 1   |                  |

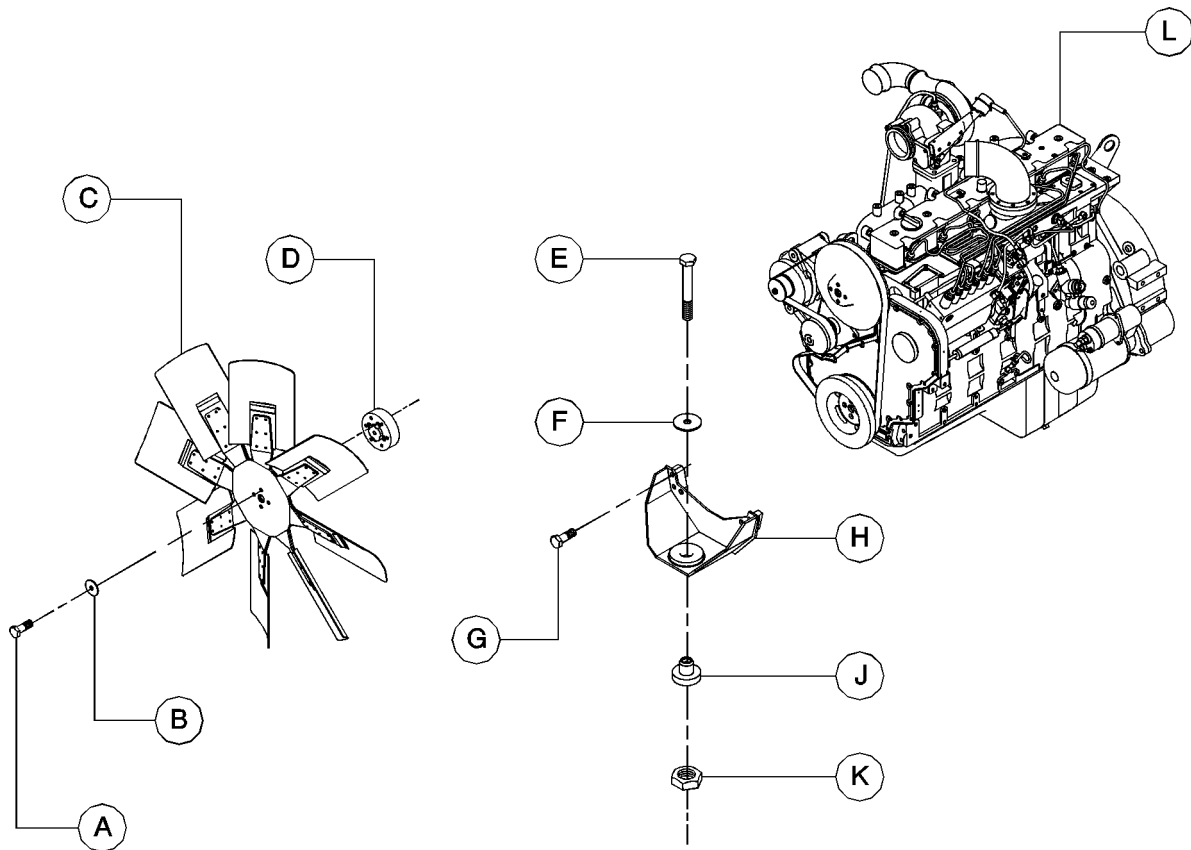
# PARKING BRAKE ASSEMBLY cont'd



22826218\_cp08\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION              | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------|-----|------------------|
| N    | 35118728  | Nut, Hex 5/16-24 LH      | 1   | 53"<br>63.5"     |
| P    | 35603208  | Clevis                   | 1   |                  |
| Q    | 35857382  | Lever, Parking Brake     | 1   |                  |
| R    | 36847432  | Bracket, Right           | 1   |                  |
| S    | 35376946  | Screw, Hex M10-1.5 X 70  | 2   |                  |
| T    | 36880698  | Cable, Electric Brake    | 2   |                  |
|      | 35857408  | Cable, Hydraulic Brake   | 2   |                  |
| U    | 35602895  | Clamp                    | 2   |                  |
| V    | 35602903  | Spacer                   | 2   |                  |
| W    | 35271162  | Screw, Hex M08-1.25 x 30 | 4   |                  |
| X    | 36895746  | Nutsert, Hex M08         | 4   |                  |

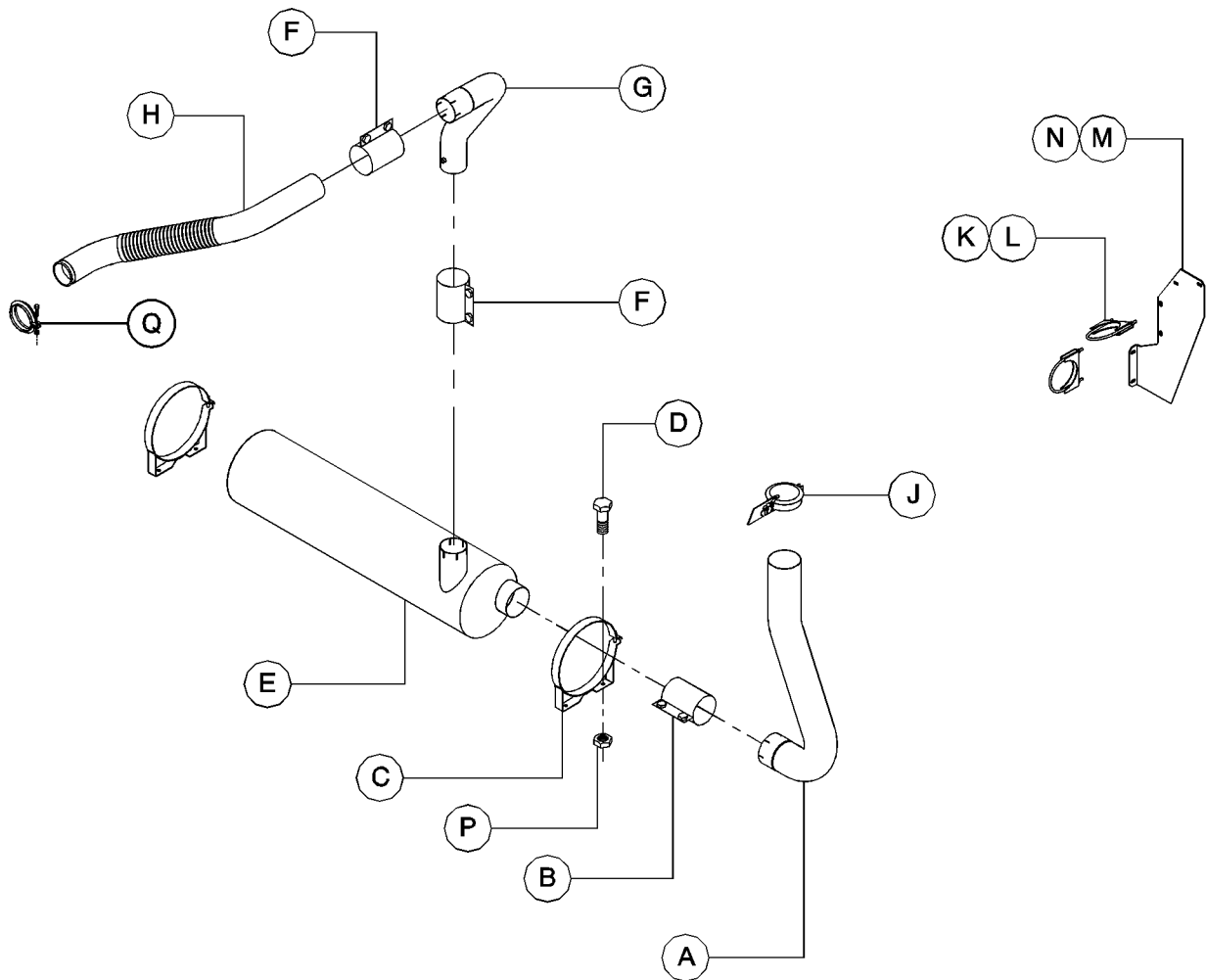
## ENGINE FAN and MOUNT



22826218\_cp09\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION              | QTY | DIMENSIONS/NOTES             |
|------|-----------|--------------------------|-----|------------------------------|
| A    | 96710488  | Screw, Hex M10-1.50 x 80 | 4   | HP675, XP750<br>XP825, HP750 |
| B    | 95935037  | Washer, Flat             | 4   |                              |
| C    | 22170138  | Fan Assembly             | 1   |                              |
| D    | 22426522  | Spacer, Fan              | 1   |                              |
| E    | 95934253  | Screw, Hex 3/4-10 x 4.0" | 1   |                              |
| F    | 35273937  | Washer, Snubber          | 1   |                              |
| G    | 36776128  | Screw, Hex M12-1.75 x 60 | 4   |                              |
| H    | 22452155  | Bracket, Engine          | 1   |                              |
| J    | 35302835  | Mount, Rubber            | 1   |                              |
| K    | 95923363  | Nut, Nyloc 3/4-10        | 1   |                              |
| L    | 22615058  | Engine                   | 1   |                              |
|      | 22615041  | Engine                   | 1   |                              |
|      | 22177737  | Engine Oil Filter        | AR  |                              |
|      | 22765325  | Engine Fuel Filter       | AR  |                              |
|      | 22345748  | Engine Water Filter      | AR  |                              |
|      | 22345755  | Starter Motor            | AR  |                              |
|      | 22765333  | Engine Belt              | AR  |                              |
|      | 22616965  | Alternator               | AR  |                              |
|      | 22637904  | Engine Fuel/Water Filter | AR  |                              |

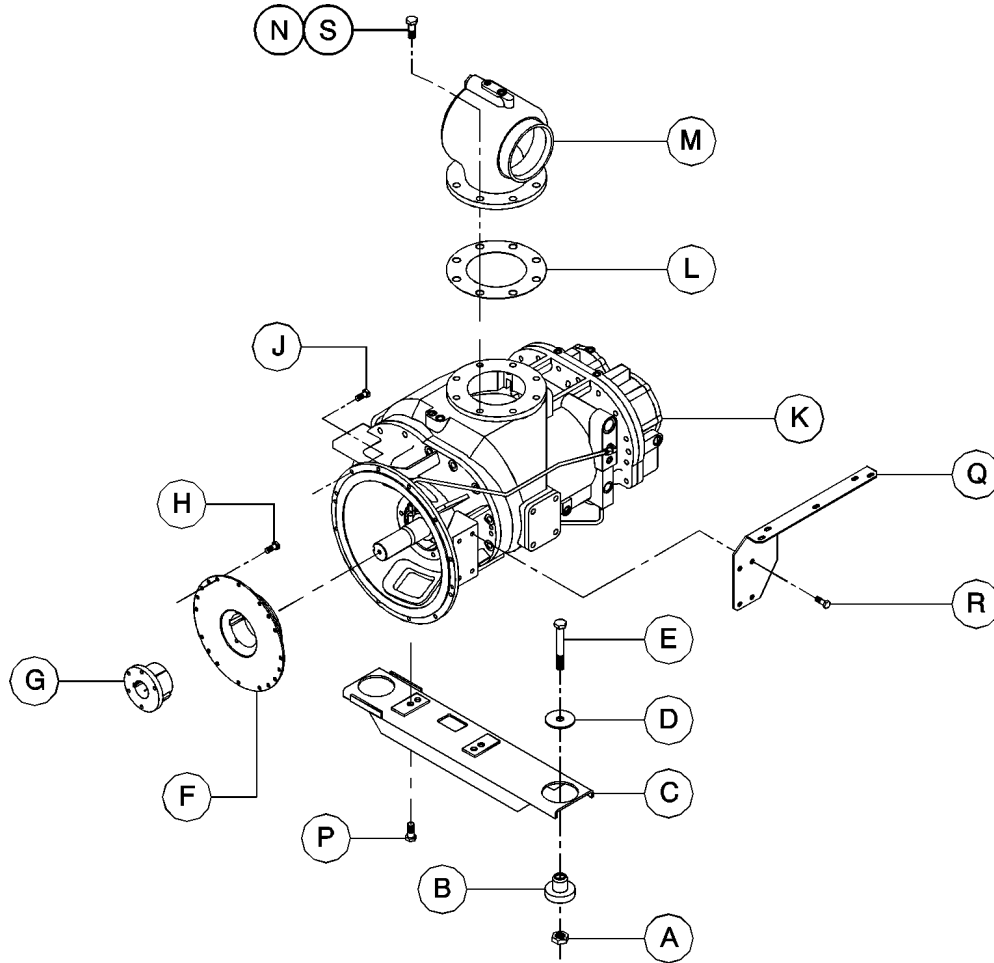
## EXHAUST COMPLETE



22826218\_cp10\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                       | QTY | DIMENSIONS/NOTES |
|------|-----------|-----------------------------------|-----|------------------|
| A    | 22288849  | Pipe, Exhaust                     | 1   |                  |
| B    | 35307131  | Clamp, Seal                       | 1   |                  |
| C    | 36866929  | Clamp, Mounting                   | 2   |                  |
| D    | 36889608  | Screw, Hex Flange M08 - 1.25 X 25 | 4   |                  |
| E    | 36866911  | Muffler                           | 1   |                  |
| F    | 35313303  | Clamp, Seal                       | 2   |                  |
| G    | 22208474  | Pipe, Exhaust                     | 1   |                  |
| H    | 22207120  | Pipe, Turbo                       | 1   |                  |
| J    | 35857036  | Cap, Rain                         | 1   |                  |
| K    | 35127653  | Clamp                             | 2   |                  |
| L    | 95935037  | Washer (on Clamps)                | 4   |                  |
| M    | 22289995  | Support, Exhaust                  | 1   |                  |
| N    | 35279025  | Screw, Tapping M08 - 1.25 X 20    | 2   |                  |
| P    | 36881886  | Nut, Hex Flange M08 - 1.25        | 4   |                  |
| Q    | 22765341  | Clamp, V-Band                     | 1   |                  |

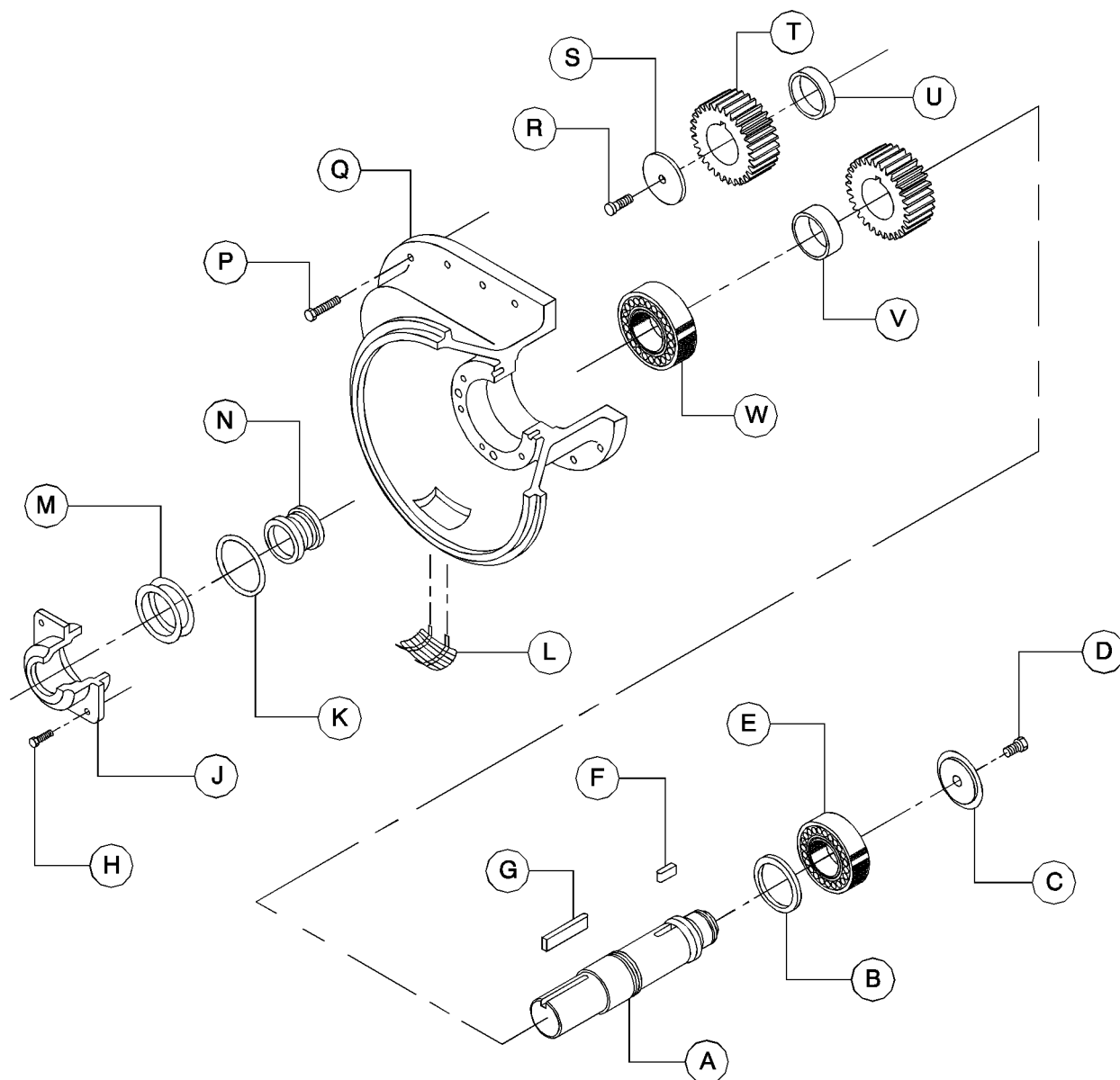
## AIR END COMPLETE



22826218\_cp11\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                         | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------------|-----|------------------|
| A    | 95923363  | Nut, Nyloc 3/4-10                   | 2   |                  |
| B    | 35302835  | Mount, Rubber                       | 2   |                  |
| C    | 22177703  | Bracket, Air End Mounting           | 1   |                  |
| D    | 35273937  | Washer, Snubber                     | 2   |                  |
| E    | 95934253  | Screw, Hex 3/4-10 x 4.0"            | 2   |                  |
| F    | 35834795  | Coupling, Air End/Engine            | 1   |                  |
| G    | 35103852  | Bushing, Coupling                   | 1   |                  |
| H    | 95220604  | Screw, Hex Socket Cap 3/8-16 x .75" | 8   |                  |
| J    | 96701917  | Screw, Hex M10 - 1.50 X 30          | 12  |                  |
| K    | 42437566  | Air End Assembly (HP-675)           | 1   |                  |
|      | 42437574  | Air End Assembly (HP-750 & XP-750)  | 1   |                  |
|      | 42437582  | Air End Assembly (XP-825)           | 1   |                  |
| L    | 36786572  | Gasket, Unloader                    | 1   |                  |
| M    | 36734515  | Unloader Assembly                   | 1   |                  |
| N    | 35272558  | Screw, Hex M20 - 2.50 X 45          | 6   |                  |
| P    | 35358274  | Screw, Hex Socket Cap M16-2.0 x 25  | 4   |                  |
| Q    | 22283758  | Support, Wire Routing               | 1   |                  |
| R    | 96701495  | Screw, Hex M12 - 1.75 X 25          | 4   |                  |
| S    | 96700901  | Screw, Hex M20 - 2.50 X 40          | 2   |                  |

## GEAR CASE HOUSING ASSEMBLY

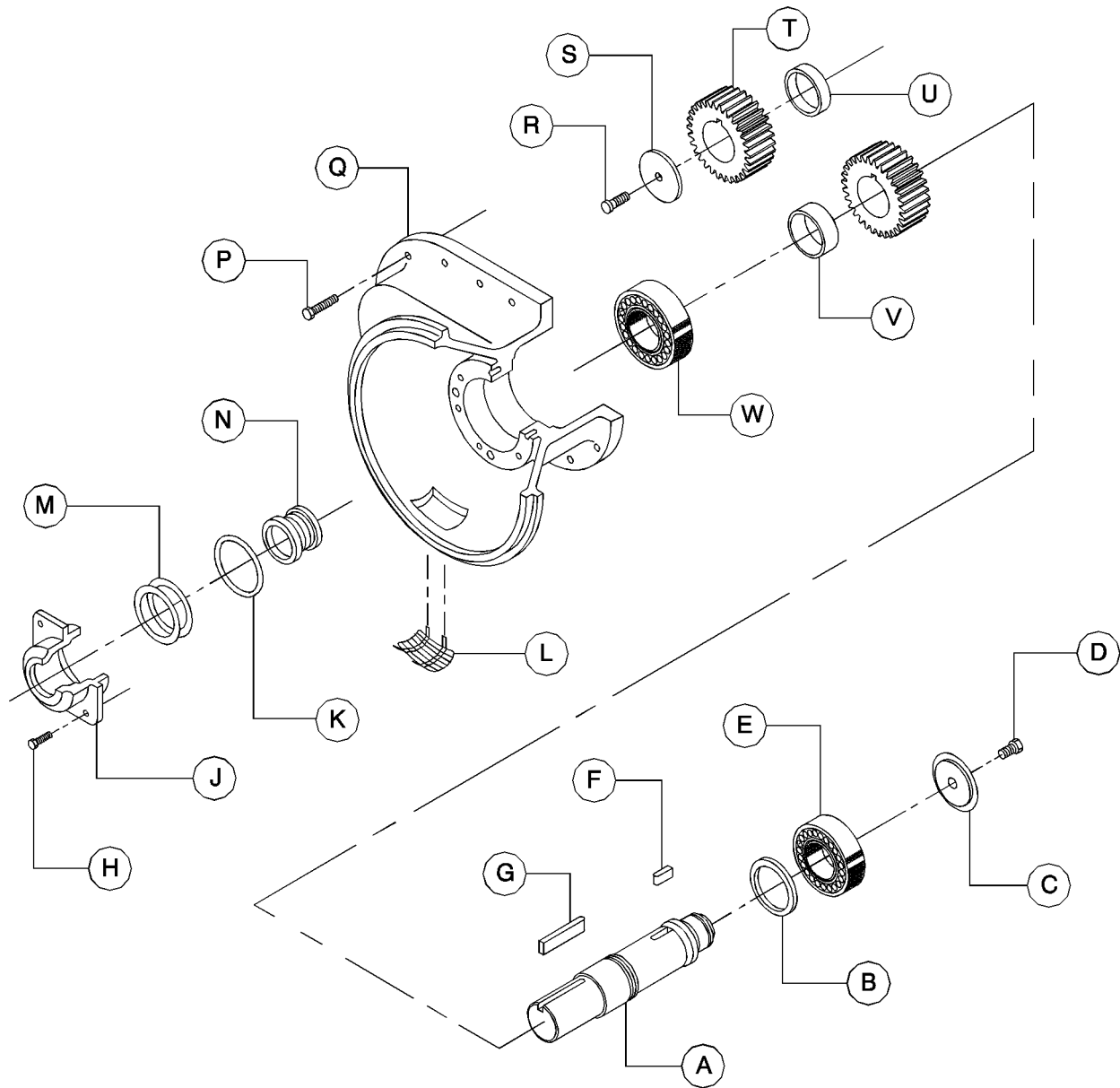


22826218\_cp12\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                                 | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------------------|-----|------------------|
| A    | 36846400  | Shaft, Drive                                | 1   |                  |
| B    | 36851681  | Spacer                                      | 1   |                  |
| C    | 36764785  | Cap, Shaft Guide                            | 1   |                  |
| D    | 35336304  | Screw, Low Head Hex Soc Cap M10 - 1.50 X 25 | 1   |                  |
| E    | 36854925  | Bearing, Inboard                            | 1   |                  |
| F    | 35361328  | Key                                         | 1   |                  |
| G    | 35364975  | Key, Coupling                               | 1   |                  |
| H    | 96712187  | Screw, Hex M12 - 1.75 X 30                  | 6   |                  |
| J    | 36507515  | Cover, Seal                                 | 1   |                  |
| K    | 95358164  | O-Ring                                      | 1   |                  |
| L    | 36798346  | Guard, Bottom                               | 1   |                  |
|      | 36798361  | Guard, Top                                  | 1   |                  |



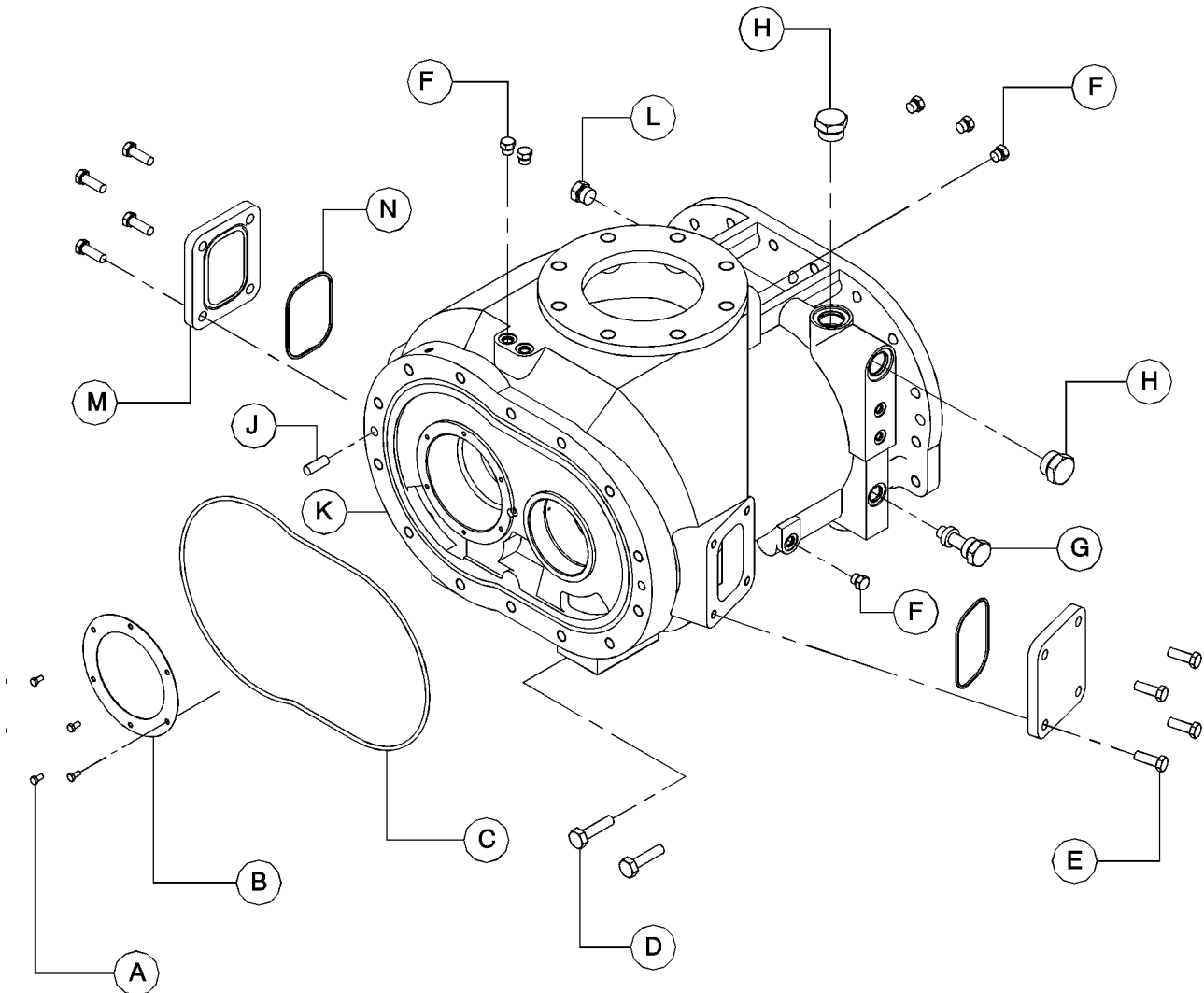
## GEAR CASE HOUSING ASSEMBLY cont'd



22826218\_cp12\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION               | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------|-----|------------------|
| M    | 36846442  | Set, Shim                 | 1   |                  |
| N    | 35593508  | Seal, Shaft               | 1   |                  |
| P    | 96716162  | Screw, Hex M16 - 2.0 X 40 | 14  |                  |
| Q    | 36851459  | Housing, Gear Case        | 1   |                  |
| R    | 96706254  | Screw, Hex M16-2.0 X 35   | 1   |                  |
| S    | 35255819  | Plate, Clamp              | 1   |                  |
| T    | 35298132  | Gear Set (HP675)          | 1   |                  |
|      | 35335363  | Gear Set (HP 750, XP750)  | 1   |                  |
|      | 35334853  | Gear Set (XP825)          | 1   |                  |
| U    | 39326483  | Spacer                    | 1   |                  |
| V    | 36846418  | Spacer                    | 1   |                  |
| W    | 36846426  | Bearing, Outboard         | 1   |                  |

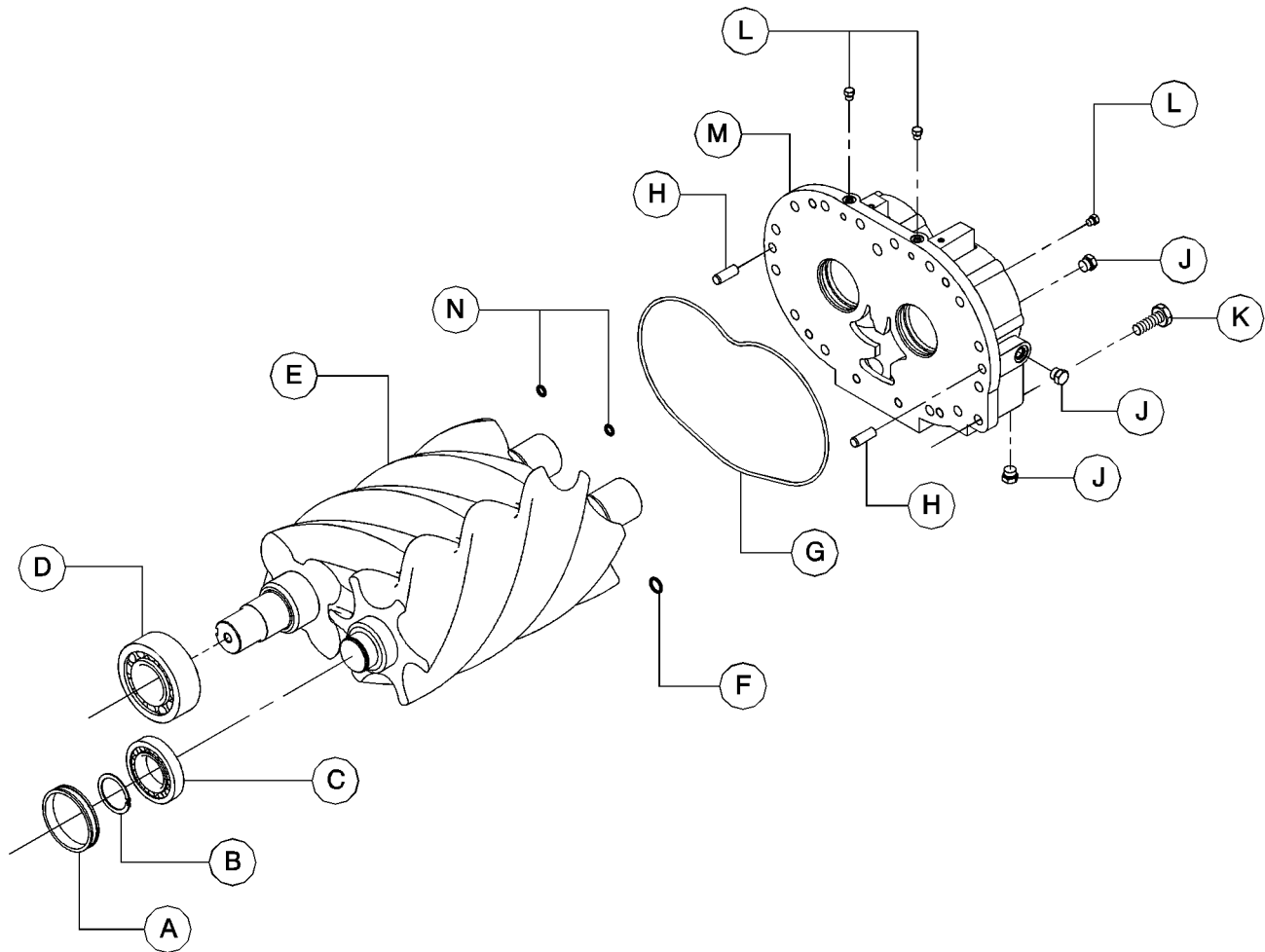
## ROTOR HOUSING ASSEMBLY



22826218\_cp13\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------|-----|------------------|
| A    | 96716105  | Screw, Hex M06 - 1.0 X 12  | 6   |                  |
| B    | 39326749  | Plate, Retainer            | 1   |                  |
| C    | 39253992  | O-Ring                     | 1   |                  |
| D    | 35279009  | Screw, Hex M16 - 2.0 X 55  | 2   |                  |
| E    | 96712179  | Screw, Hex M12 - 1.75 X 35 | 8   |                  |
| F    | 95938205  | Plug, Hex 9/16-18          | 6   |                  |
| G    | 39330626  | Orifice, Injection 14 MM   | 1   |                  |
| H    | 95939856  | Plug, Hex 1.31-12          | 2   |                  |
| J    | 95239927  | Pin, Dowel                 | 2   |                  |
| K    | 22124317  | Housing, Rotor             | 1   |                  |
| L    | 95938221  | Plug, Hex 7/8-14           | 1   |                  |
| M    | 22219687  | Plate, Cover               | 2   |                  |
| N    | 95023073  | O-Ring                     | 2   |                  |

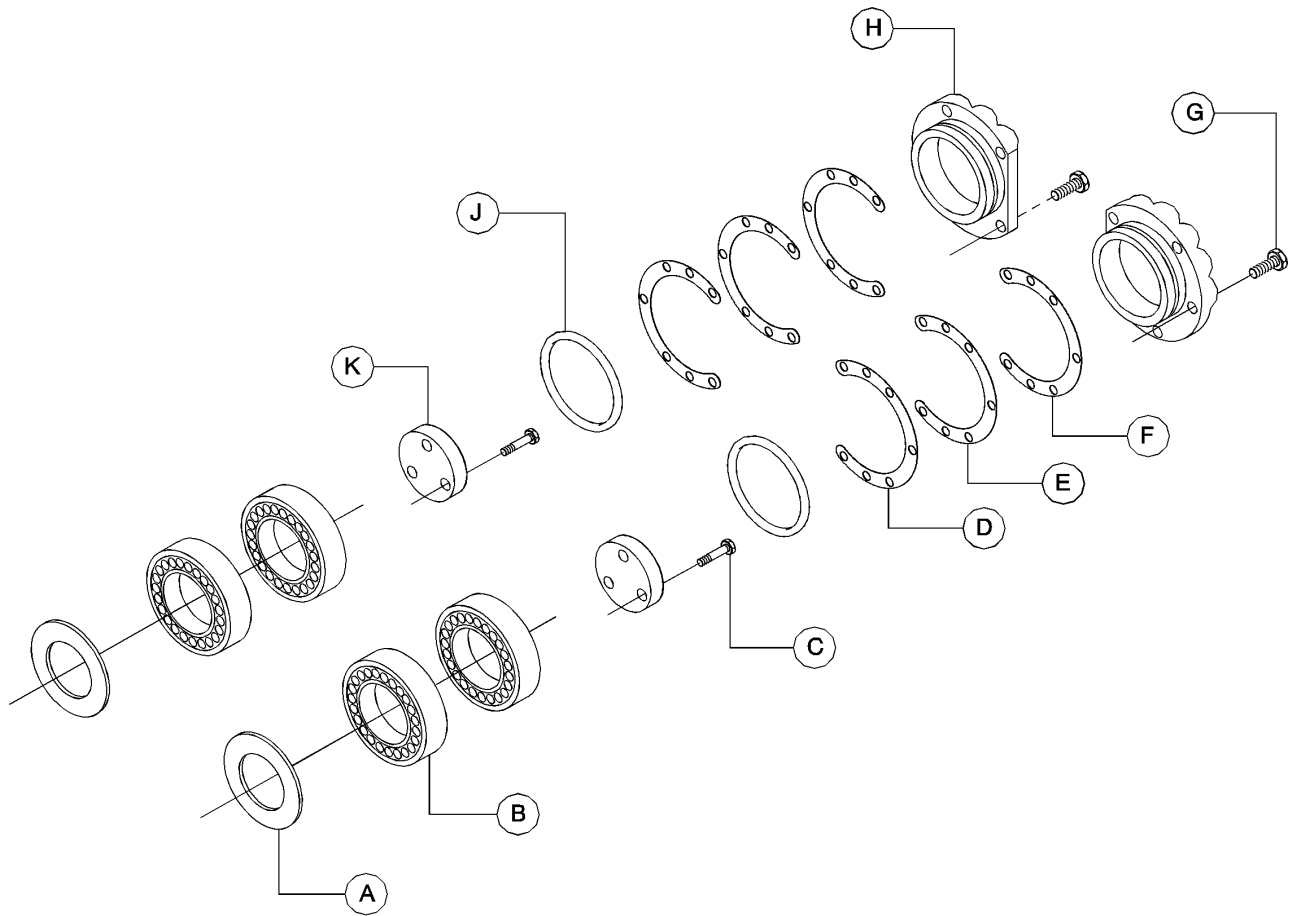
## REAR BEARING HOUSING



22826218\_cp14\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION           | QTY | DIMENSIONS/NOTES |
|------|-----------|-----------------------|-----|------------------|
| A    | 35262963  | Spacer                | 1   | M16 - 2.0 X 45   |
| B    | 95096806  | Ring, Snap            | 1   |                  |
| C    | 35313568  | Bearing, Female Rotor | 1   |                  |
| D    | 39322706  | Bearing Male Rotor    | 1   |                  |
| E    | 36005031  | Set, Rotor            | 1   |                  |
| F    | 95022141  | O-Ring                | 1   |                  |
| G    | 39253984  | O-Ring                | 1   |                  |
| H    | 35295336  | Pin, Dowel            | 1   |                  |
| J    | 95938213  | Plug                  | 3   |                  |
| K    | 96706262  | Screw                 | 14  |                  |
| L    | 95938965  | Plug                  | 3   |                  |
| M    | 39890553  | Housing, Rear Bearing | 1   |                  |
| N    | 95656260  | O-Ring                | 2   |                  |

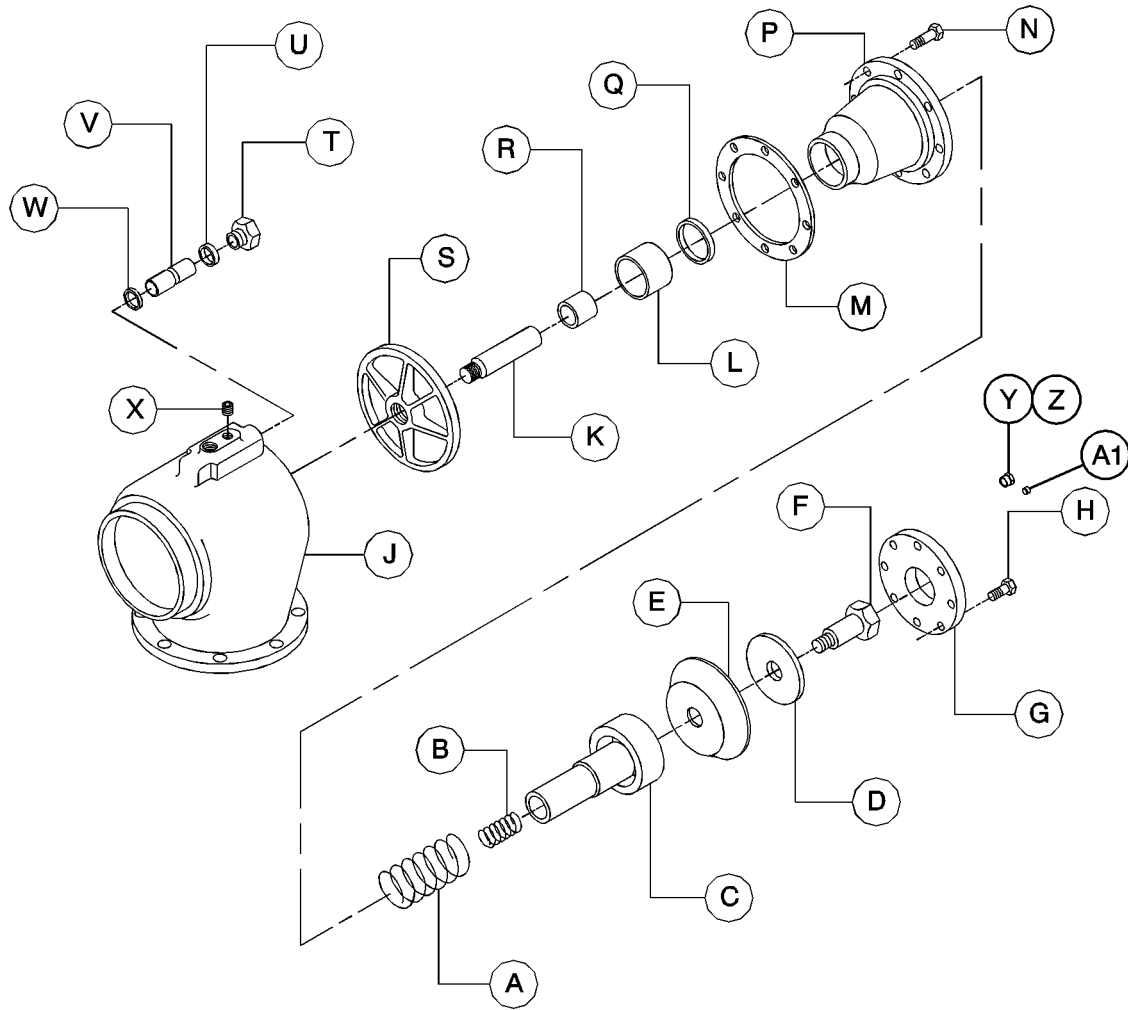
## REAR BEARING COVER



22826218\_cp15\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                 | QTY | DIMENSIONS/NOTES |
|------|-----------|-----------------------------|-----|------------------|
| A    | 35299361  | Shim Set                    | 2   |                  |
| B    | 39437686  | Bearing, Taper Roller       | 4   |                  |
| C    | 96705983  | Screw, Hex M10 - 1.50 X 35  | 6   |                  |
| D    | 39326780  | Shim, Rear Bearing .0254 mm | 4   |                  |
| E    | 39326798  | Shim, Rear Bearing .0762 mm | 6   |                  |
| F    | 39326806  | Shim, Rear Bearing .2540 mm | 4   |                  |
| G    | 96712179  | Screw, Hex M12 - 1.75 X 35  | 10  |                  |
| H    | 39891486  | Cover, Rear Bearing         | 2   |                  |
| J    | 95023388  | O-Ring                      | 2   |                  |
| K    | 39436977  | Retainer, Bearing           | 2   |                  |

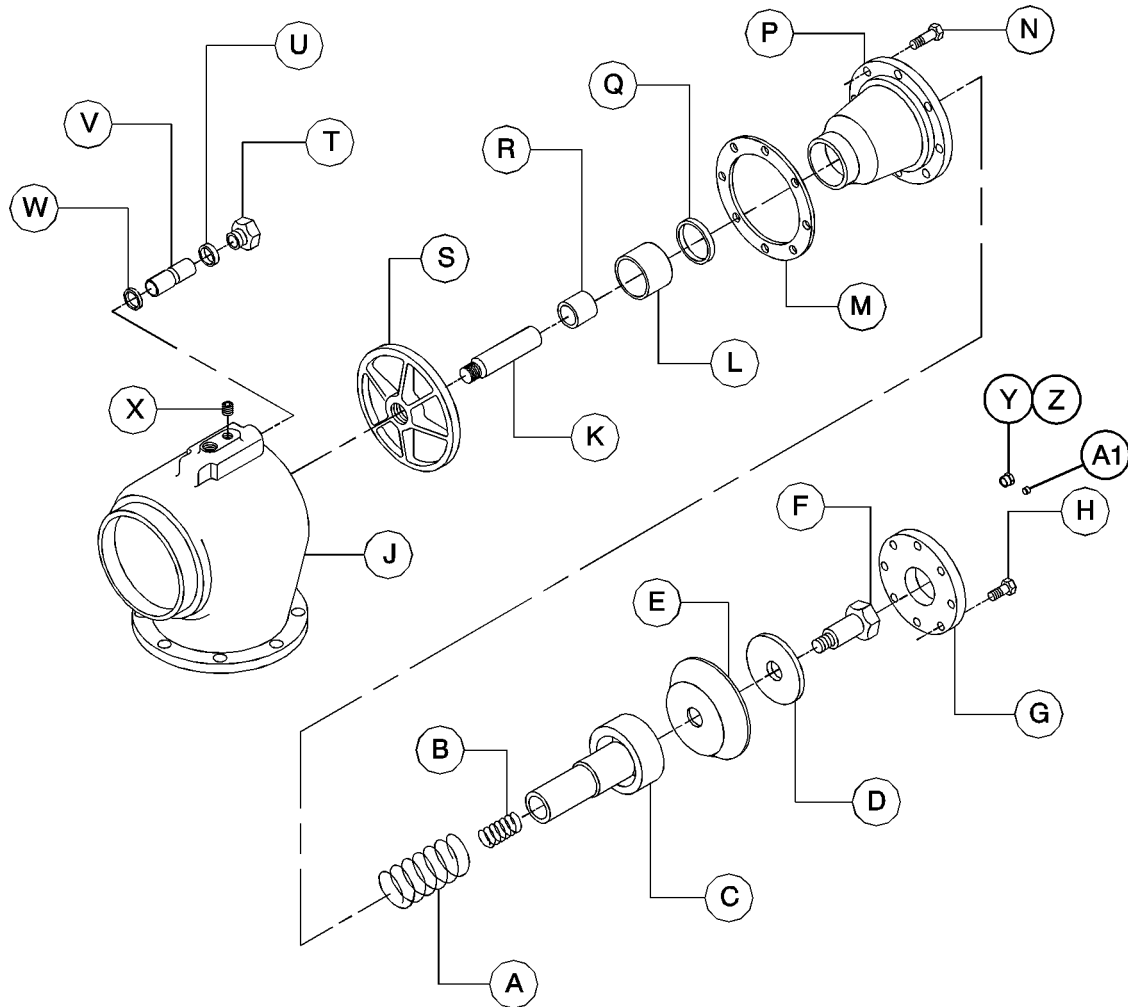
## UNLOADER ASSEMBLY



22826218\_cp16\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------|-----|------------------|
| A    | 35332691  | Spring, Piston             | 1   |                  |
| B    | 35332683  | Spring, Valve              | 1   |                  |
| C    | 35591163  | Piston, Unloader           | 1   |                  |
| D    | 35327204  | Washer, Piston             | 1   |                  |
| E    | 35592534  | Diaphragm, Unloader        | 1   |                  |
| F    | 95934642  | Screw, Hex 1/2-13 x 1.0"   | 1   |                  |
| G    | 35591189  | Cover, Piston              | 1   |                  |
| H    | 96702659  | Screw, Hex M08-1.25 X 25   | 8   |                  |
| J    | 36734507  | Body, Unloader             | 1   |                  |
| K    | 35332006  | Stem, Valve                | 1   |                  |
| L    | 35328228  | Bushing                    | 1   |                  |
| M    | 35328251  | Gasket                     | 1   |                  |
| N    | 96702287  | Screw, Hex M10 - 1.50 X 25 | 12  |                  |

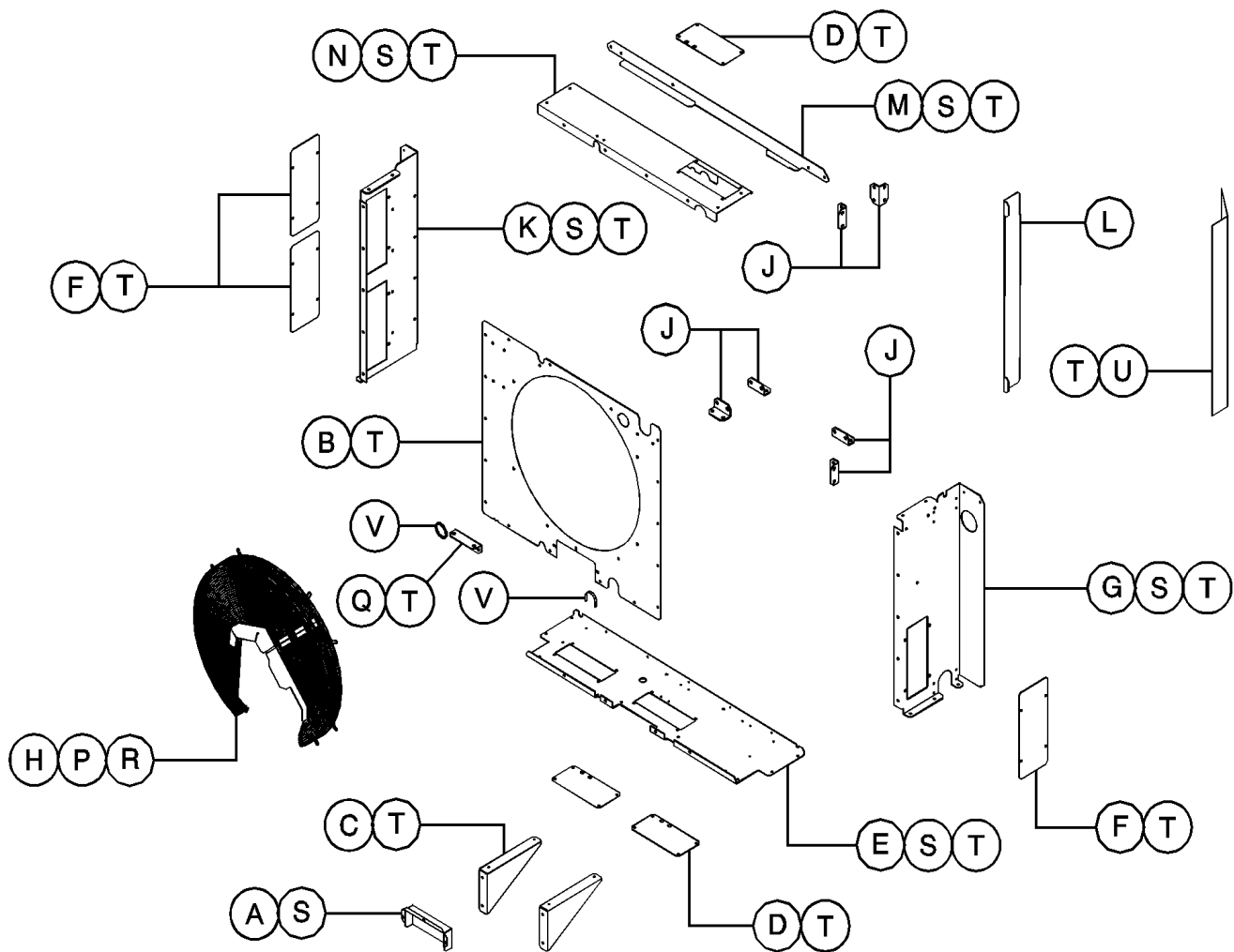
# UNLOADER ASSEMBLY cont'd



22826218\_cp16\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                   | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------|-----|------------------|
| P    | 36722460  | Housing, Piston               | 1   |                  |
| Q    | 35328244  | Seal                          | 1   |                  |
| R    | 35328269  | Bushing, Piston               | 2   |                  |
| S    | 35591171  | Plate, Valve                  | 1   |                  |
| T    | 35328236  | Adapter                       | 1   |                  |
| U    | 35331578  | Grommet                       | 1   |                  |
| V    | 36897148  | Valve, Anti-Rumble            | 1   |                  |
| W    | 35331586  | Grommet                       | 1   |                  |
| X    | 95928222  | Plug, Hex Countersink 3/8 NPT | 1   |                  |
| Y    | 35278571  | O-Ring                        | 1   |                  |
| Z    | 35287556  | Plug, Hex 9/16-18 w/ O-Ring   | 1   |                  |
| A1   | 95928230  | Plug, Hex Countersink 1/4 NPT | 1   |                  |

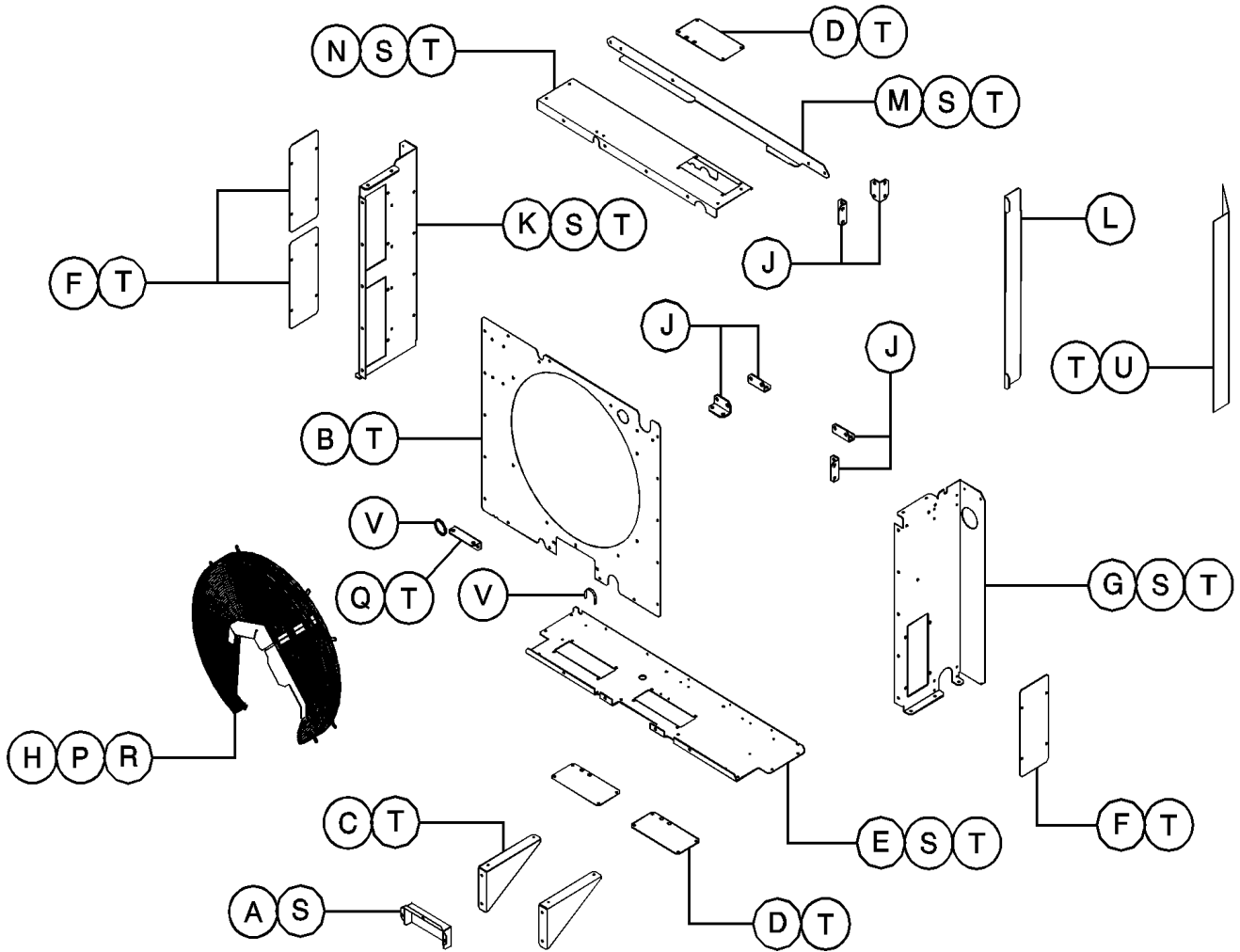
## COOLER MOUNTING



22826218\_cp17\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------|-----|------------------|
| A    | 22302889  | Baffle, Fan                | 1   |                  |
| B    | 22228753  | Shroud, Fan                | 1   |                  |
| C    | 22228852  | Support, Cooler            | 2   |                  |
| D    | 22303465  | Plate, Cover               | 3   |                  |
| E    | 22186779  | Support, Bottom Cooler     | 1   |                  |
| F    | 22228860  | Plate, Cover               | 3   |                  |
| G    | 22202485  | Support, Charge Air Cooler | 1   |                  |
| H    | 22660880  | Guard, Fan                 | 1   |                  |
| J    | 22203608  | Brace, Cooler              | 6   |                  |
| K    | 22202477  | Support, Oil Cooler        | 1   |                  |

# COOLER MOUNTING cont'd

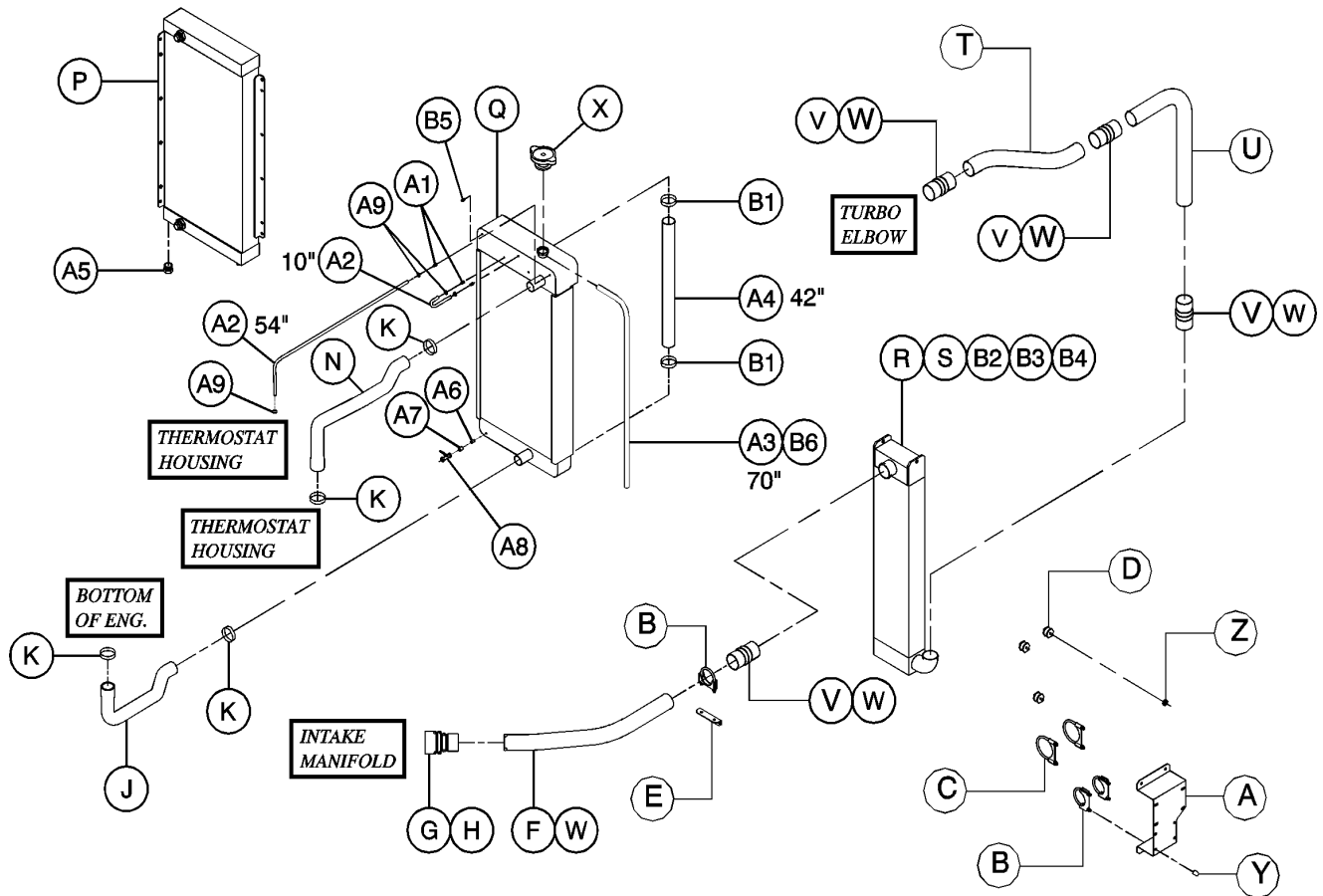


22826218\_cp17\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| L    | 22740872  | Support, Cooler                | 1   |                  |
| M    | 22740021  | Baffle, Top                    | 1   |                  |
| N    | 22739981  | Support, Top Cooler            | 1   |                  |
| P    | 36889608  | Screw, Hex M08 - 1.25 X 25     | 13  |                  |
| Q    | 22303333  | Bracket, Charge Air Tube       | 1   |                  |
| R    | 36881886  | Nut, Hex M08 - 1.25            | 5   |                  |
| S    | 36895746  | Nutsert, Hex M08               | 55  |                  |
| T    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 103 |                  |
| U    | 22231112  | Strip, Charge Air              | 1   |                  |
| V    | 22564082  | Trim, Edge Protector           | 16" | 2 pcs @ 8"       |



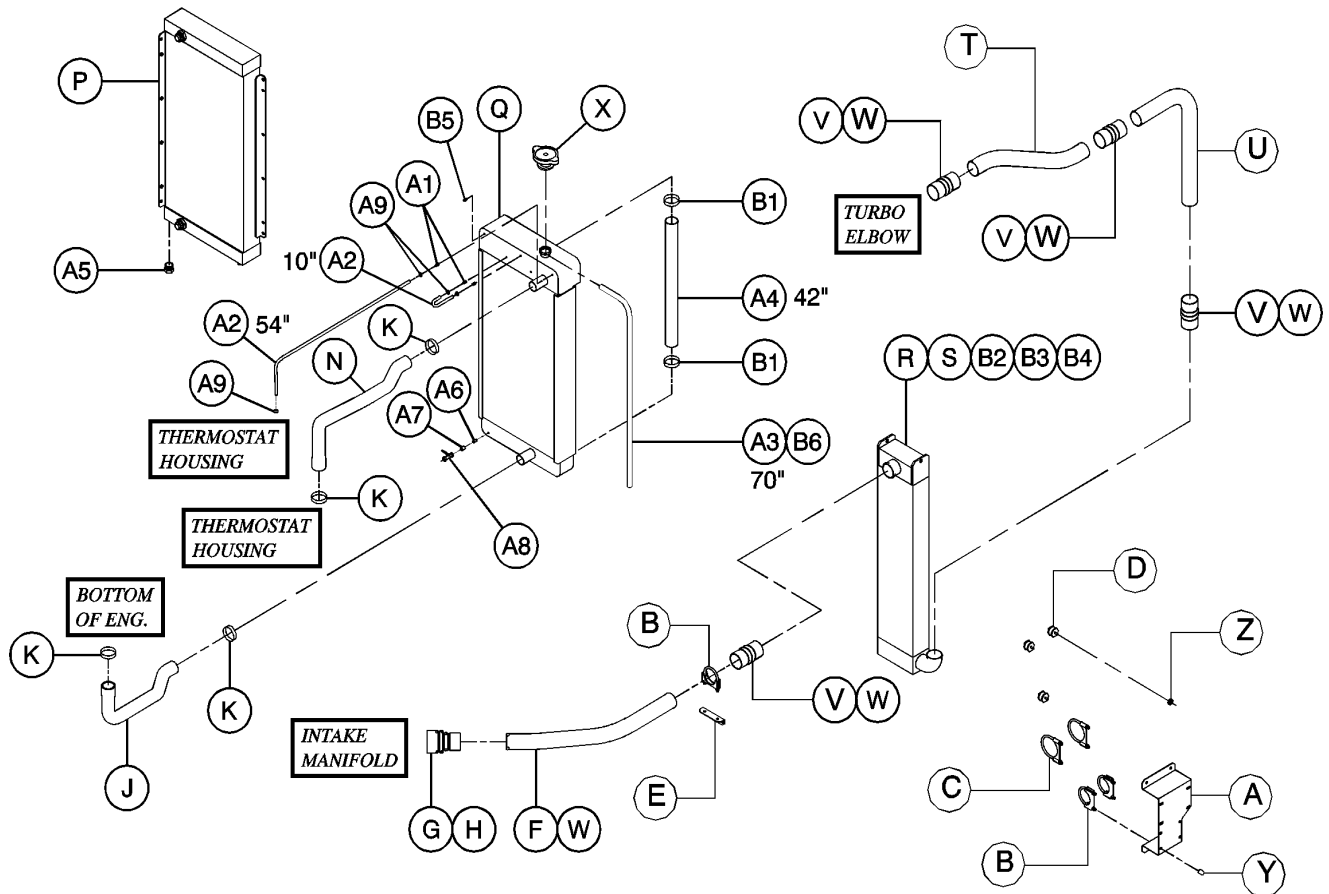
## COOLER PIPING



22826218\_cp18\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A    | 22207237  | Bracket, Engine Exhaust        | 1   |                  |
| B    | 35113646  | Clamp, Saddle                  | 3   |                  |
| C    | 35111731  | Clamp, 4" Muffler              | 2   |                  |
| D    | 92276096  | Isolator, Exhaust Rubber       | 3   |                  |
| E    | 22303333  | Support                        | 1   |                  |
| F    | 22621700  | Tube, Charge Air Out           | 1   |                  |
| G    | 22058564  | Reducer, Rubber                | 1   |                  |
| H    | 54444427  | Clamp, Spring Loaded           | 1   |                  |
| J    | 22724603  | Hose, Lower Radiator           | 1   |                  |
| K    | 35222017  | Clamp, Hose                    | 4   |                  |
| L    | 35287556  | O-Ring                         | 1   |                  |
| M    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 12  |                  |
| N    | 22724579  | Hose, Top Radiator             | 1   |                  |
| P    | 22155592  | Cooler, Oil                    | 1   |                  |

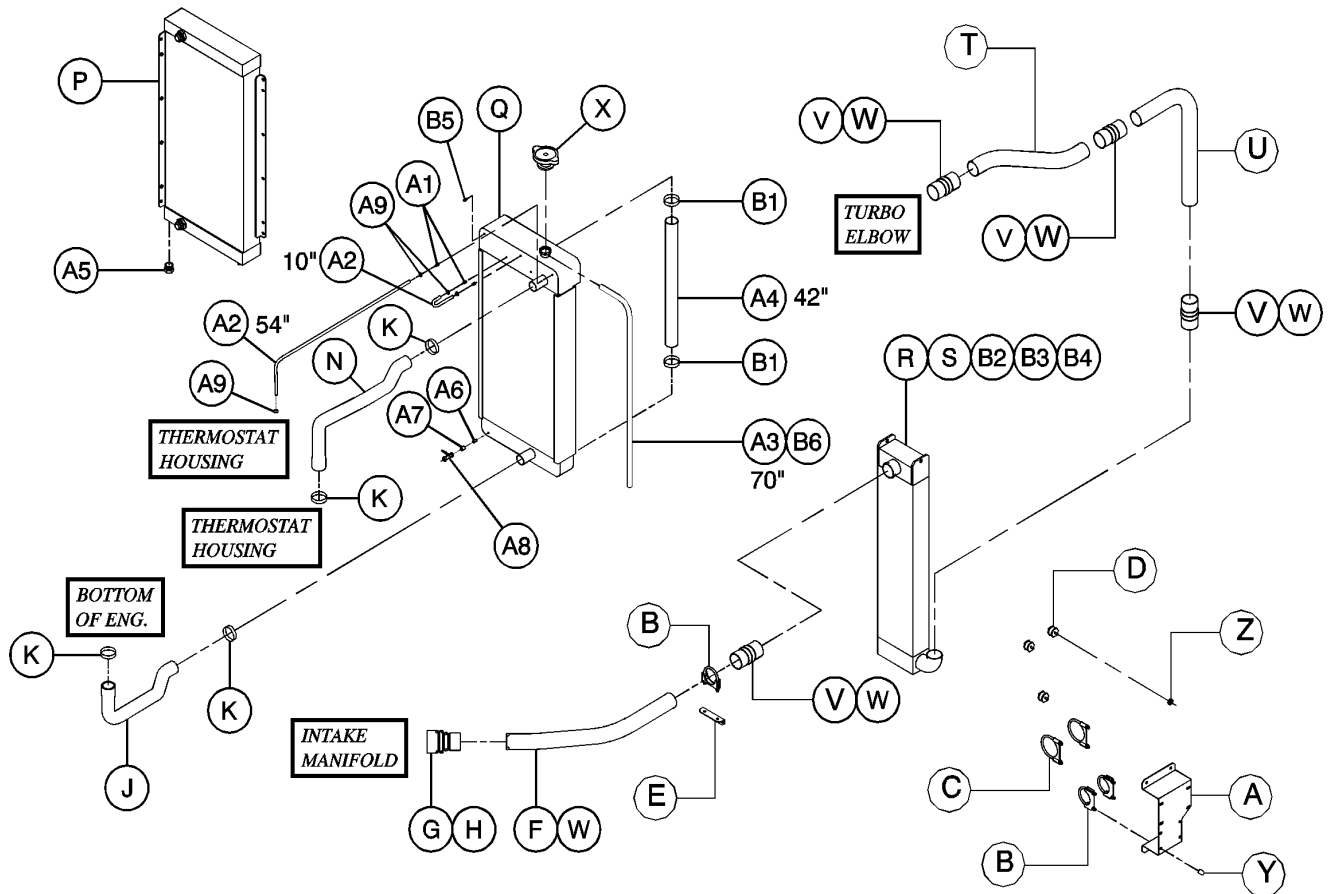
## COOLER PIPING cont'd



22826218\_cp18\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                     | QTY | DIMENSIONS/NOTES        |
|------|-----------|---------------------------------|-----|-------------------------|
| Q    | 22697585  | Radiator                        | 1   |                         |
| R    | 22155337  | Cooler, Charge Air              | 1   |                         |
| S    | 36880995  | Screw, Hex Flange M10-1.50 x 30 | 1   |                         |
| T    | 22620736  | Tube, Upper Charge Air          | 1   |                         |
| U    | 22207153  | Tube, Lower Charge Air          | 1   |                         |
| V    | 22144497  | Connector, Rubber               | 4   |                         |
| W    | 22144513  | Clamp, Spring Loaded            | 9   | 2 on Each End of Item V |
| X    | 22078190  | Cap, Radiator                   | 1   |                         |
| Y    | 22367163  | Protector, Thread               | 8   |                         |
| Z    | 36881886  | Nut, Hex Flange M08 - 1.25      | 3   |                         |
| A1   | 35310598  | Adapter, Barbed                 | 3   |                         |
| A2   | 35285600  | Hose, 3/8 Fuel                  | ~   | See Length Above        |
| A3   | 35363498  | Hose, 5/16 Fuel                 | ~   | See Length Above        |

## COOLER PIPING cont'd



22826218\_cp18\_03/06\_A

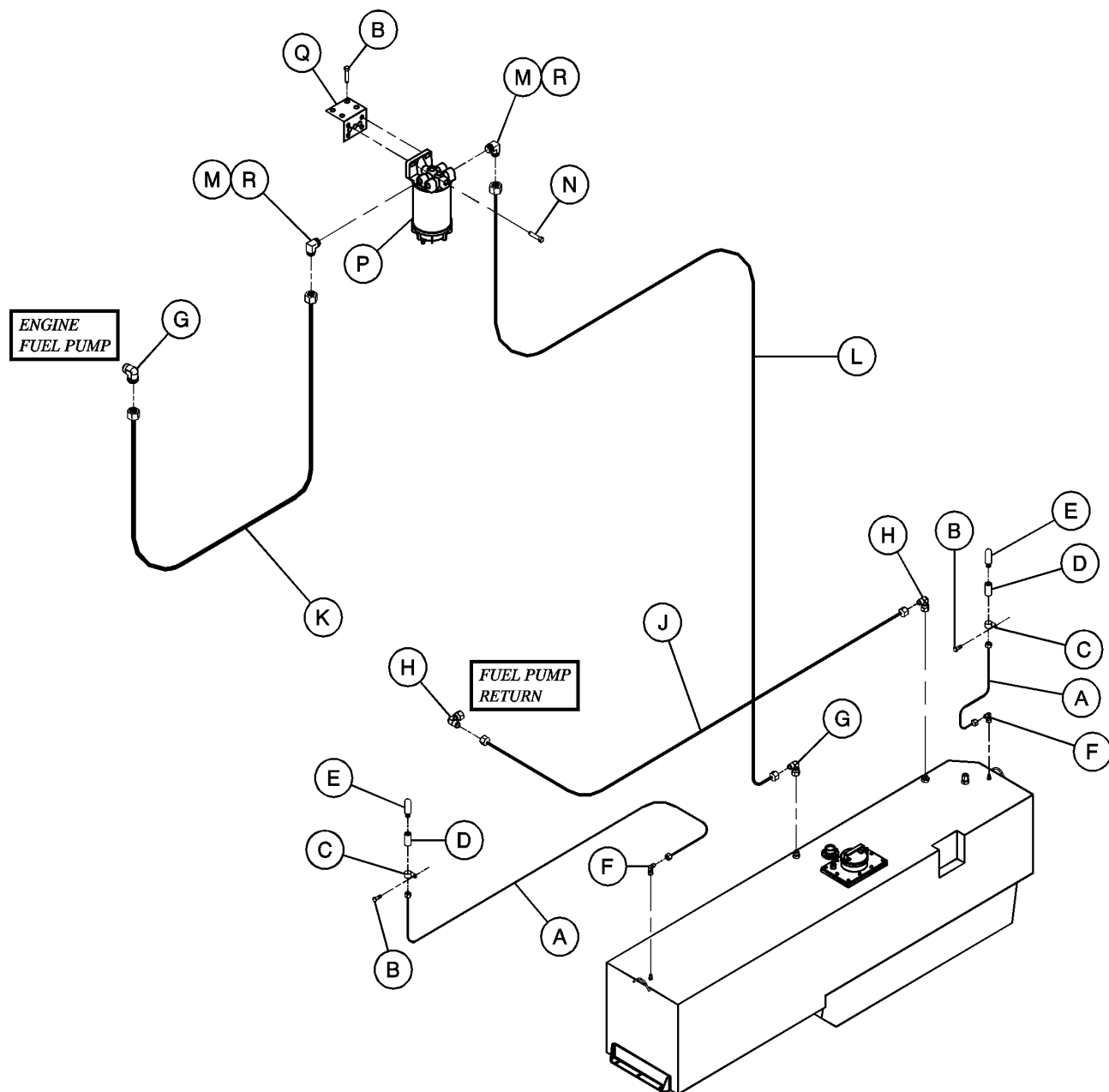
| ITEM | COMM. NO. | DESCRIPTION                   | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------|-----|------------------|
| A4   | 35286327  | Hose, 3/4" ID                 | ~   | See Length Above |
| A5   | 35287556  | Plug, Hex 9/16-18 w/ O-Ring   | 1   |                  |
| A6   | 95944575  | Nipple, Close 1/4 NPT x .88"  | 1   |                  |
| A7   | 95952990  | Coupling, 1/4 NPT x 1.125"    | 1   |                  |
| A8   | 36782167  | Valve, Bib                    | 1   |                  |
| A9   | 95264776  | Clamp, Hose                   | 4   |                  |
| B1   | 95220851  | Clamp, Hose                   | 2   |                  |
| B2   | 36879195  | Nut, Hex M10-1.50             | 1   |                  |
| B3   | 95935037  | Washer, Flat                  | 4   |                  |
| B4   | 95935052  | Washer, Flat                  | 1   |                  |
| B5   | 95928230  | Plug, Hex Countersink 1/4 NPT | 1   |                  |
| B6   | 35225077  | Clamp, Support 11/16"         | 2   |                  |

This exploded view diagram illustrates the assembly of a window blind. The main components are labeled as follows:

- A**: The main body of the window blind.
- B**: A small rectangular plate or spacer.
- C**: A rectangular frame or support structure.
- D**: A square plate with a central circular opening.
- E**: A set of small screws or fasteners used to secure the plate D.
- F**: A small circular component, possibly a washer or spacer.
- G**: A cylindrical tube or sleeve.
- H**: A curved bracket or arm.
- J**: A small circular component, possibly a washer or spacer.
- K**: A long vertical rod or tube.
- L**: A small circular component, possibly a washer or spacer.
- M**: A small screw or fastener used to secure the bottom of the blind.

| ITEM | COMM. NO. | DESCRIPTION               | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------|-----|------------------|
| A    | 22645626  | Tank, Fuel                | 1   |                  |
| B    | 35313428  | Cap, -8 JIC               | 1   |                  |
| C    | 35389964  | Gasket, Flange Fill       | 1   |                  |
| D    | 35389972  | Flange, Fill              | 1   |                  |
| E    | 35144328  | Screw                     | 10  |                  |
| F    | 95954038  | Plug, Hex 1/4 NPT         | 1   |                  |
| G    | 36845022  | Strainer, Fuel            | 1   |                  |
| H    | 36845014  | Cap, Fuel                 | 1   |                  |
| J    | 35361849  | Gasket, Fuel Sender       | 1   |                  |
| K    | 22155451  | Sender, Fuel              | 1   |                  |
| L    | 36842102  | Screw, Hex #10-32 x 1.0"  | 5   |                  |
| M    | 95939856  | Plug, 1-5/16-12 w/ O-Ring | 1   |                  |

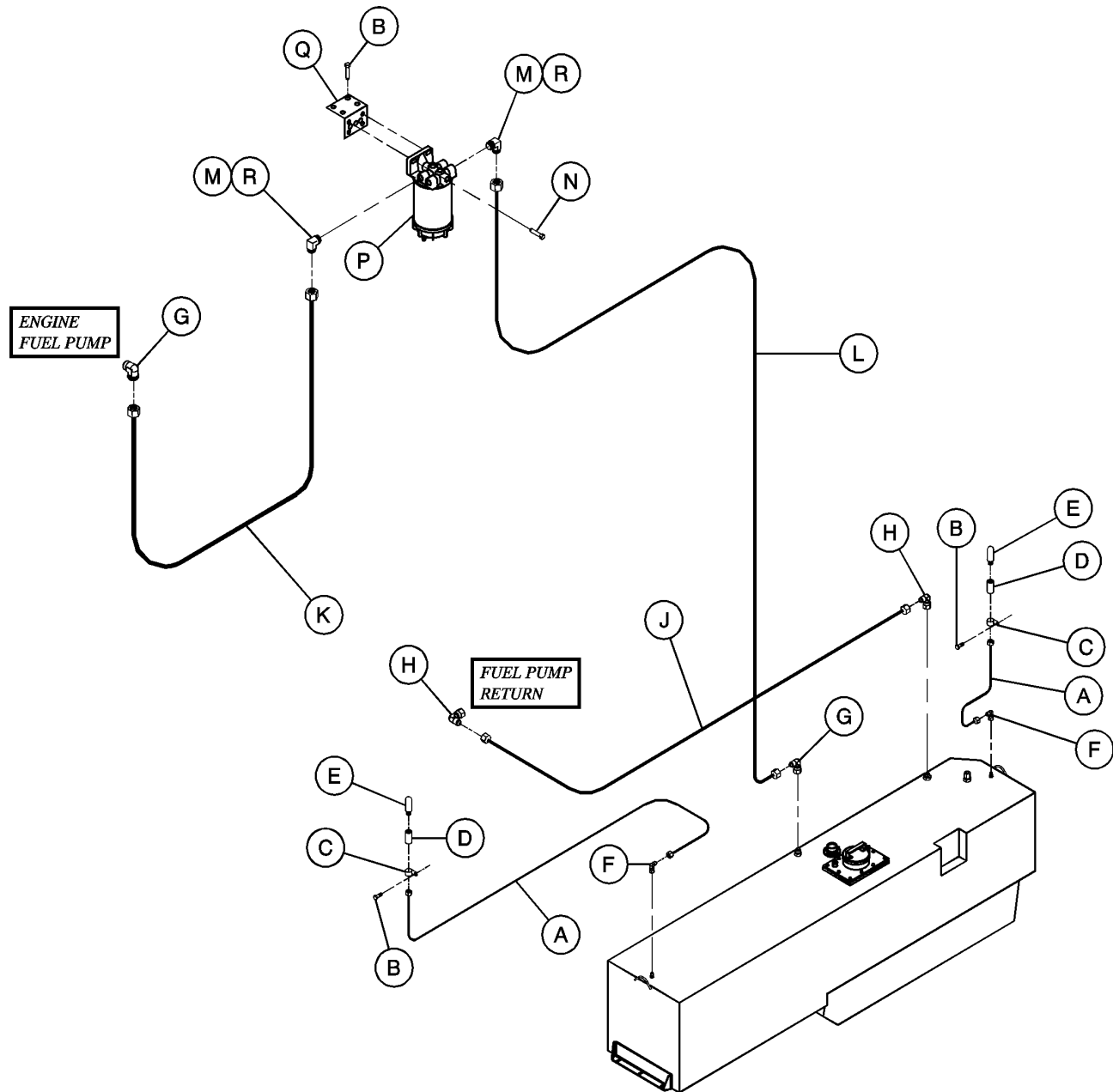
## FUEL TANK PIPING



22826218\_cp20\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A    | 36844074  | Vent Hose Assembly             | 2   |                  |
| B    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 3   |                  |
| C    | 35222538  | Clamp                          | 2   |                  |
| D    | 35287143  | Connector                      | 2   |                  |
| E    | 35322395  | Silencer                       | 2   |                  |
| F    | 35283068  | Elbow, 90° Swivel Nut -6 JIC   | 2   |                  |
| G    | 35305648  | Elbow, 90° Swivel Nut -10 JIC  | 2   |                  |
| H    | 35287911  | Elbow, 90° Swivel Nut -8 JIC   | 2   |                  |

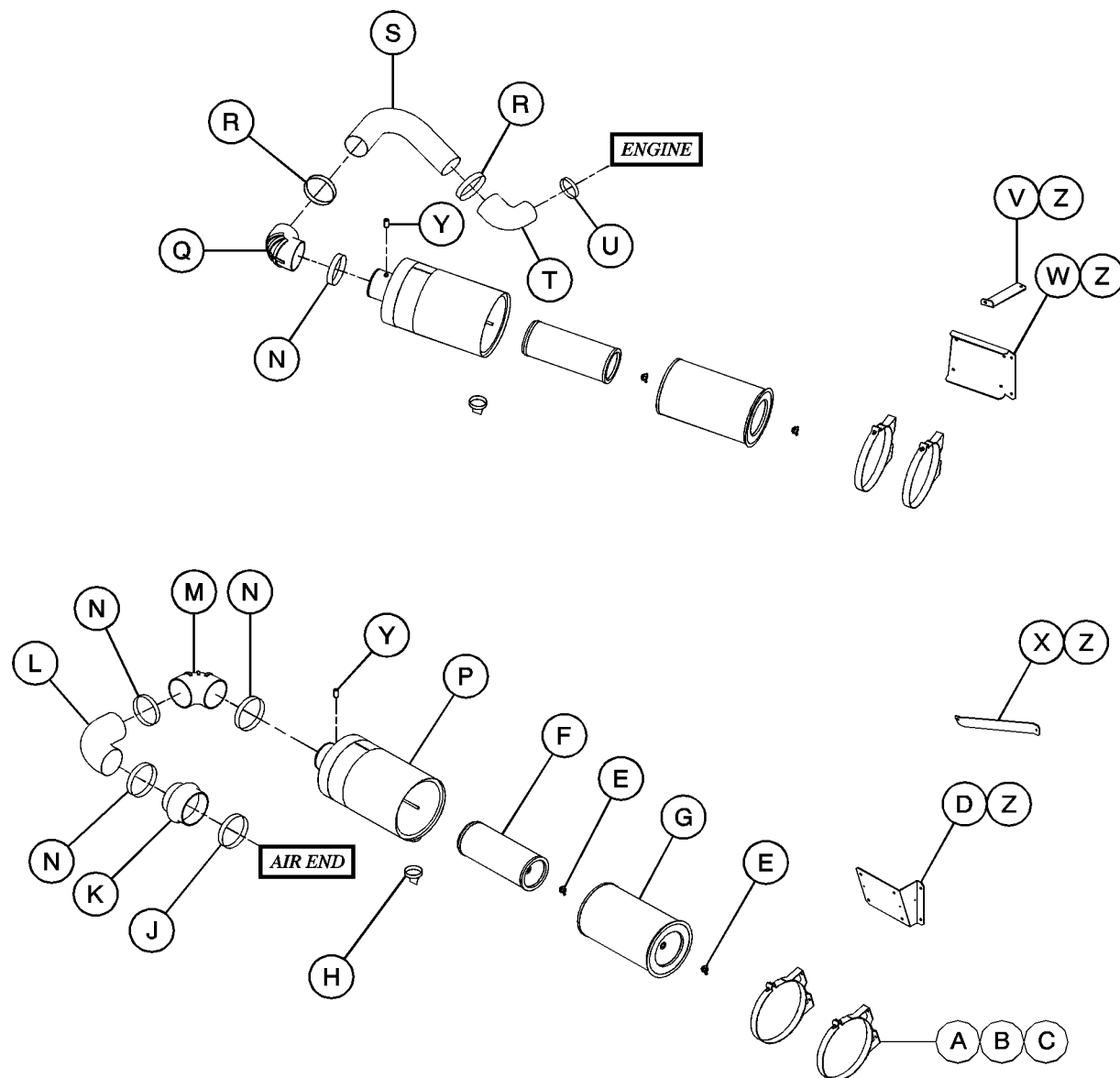
# FUEL TANK PIPING cont'd



22826218\_cp20\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                           | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------------|-----|------------------|
| J    | 35307719  | Hose, -8JIC x 48"                     | 1   |                  |
| K    | 35325083  | Hose Assembly, -10 JIC x 34"          | 1   |                  |
| L    | 22141790  | Hose Assembly, -10 JIC x 16"          | 1   |                  |
| M    | 35286491  | Elbow, 90° 7/8-14 x -10 JIC w/ O-Ring | 2   |                  |
| N    | 36881704  | Screw, Hex Flange 3/8-16 x 1.25"      | 4   |                  |
| P    | 22637904  | Element, Fuel/Water Separator Filter  | 1   |                  |
| Q    | 22674212  | Support, Fuel Filter                  | 1   |                  |
| R    | 35286533  | O-Ring                                | AR  | Incl. w/ Item M  |

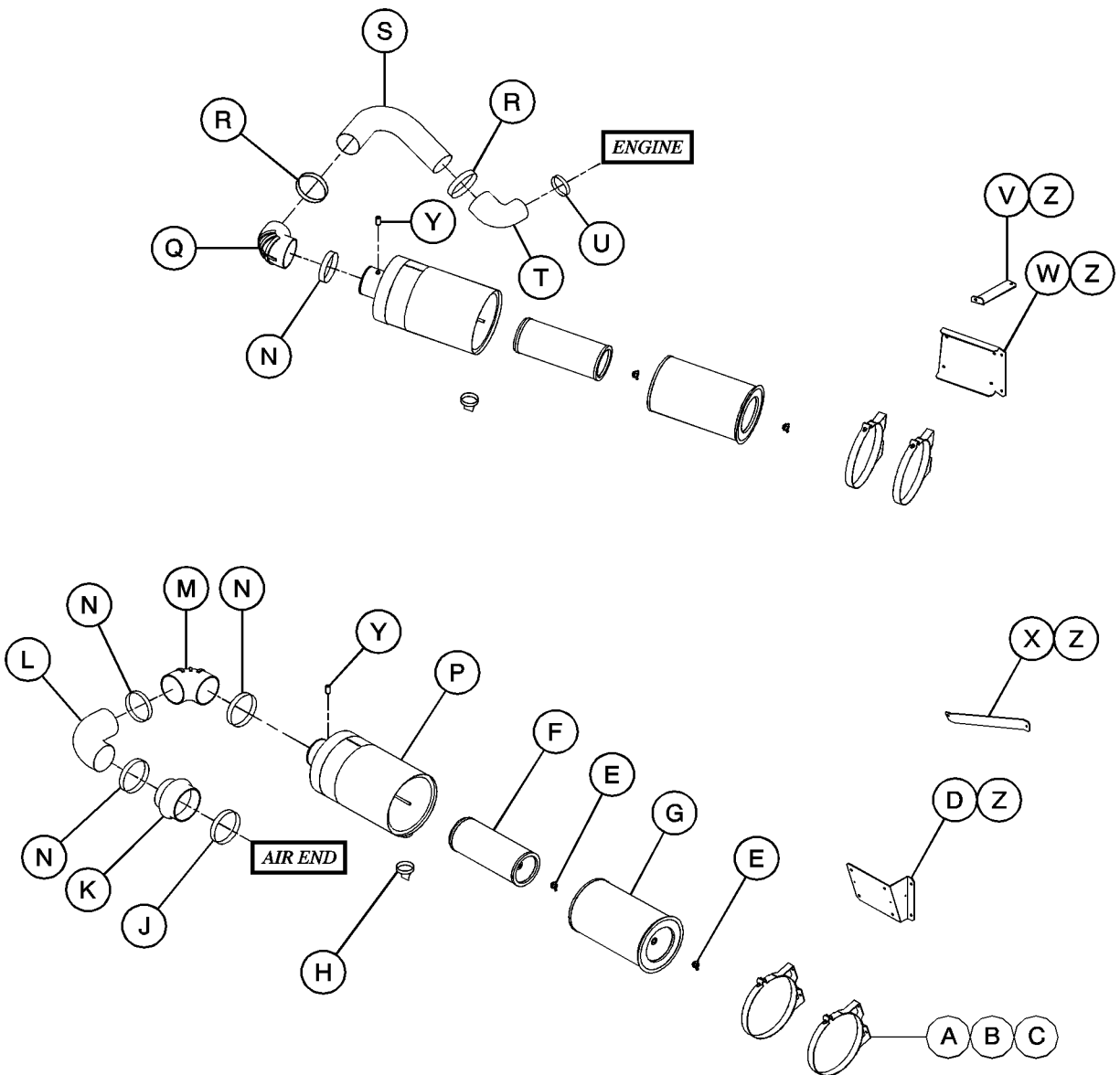
## AIR INTAKE



22826218\_cp21\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------|-----|------------------|
| A    | 35863638  | Band, Mounting             | 4   |                  |
| B    | 96702287  | Screw, Hex M10 - 1.50 X 25 | 8   |                  |
| C    | 96735550  | Nut, Hex M10 - 1.50        | 8   |                  |
| D    | 22271746  | Support, A/E Air Cleaner   | 1   |                  |
| E    | 36867794  | Nut, Wing                  | 4   |                  |
| F    | 36876019  | Element, Safety            | 2   |                  |
| G    | 36867786  | Element, Primary           | 2   |                  |
| H    | 36867778  | Ejector, Dust              | 2   |                  |
| J    | 35119858  | Clamp, 7.75" T-Bolt        | 1   |                  |
| K    | 35112333  | Hose, Hump                 | 1   |                  |
| L    | 22283238  | Tube, A/E Air Intake       | 1   |                  |
| M    | 35117605  | Elbow, Rubber 90°          | 1   |                  |

# AIR INTAKE cont'd

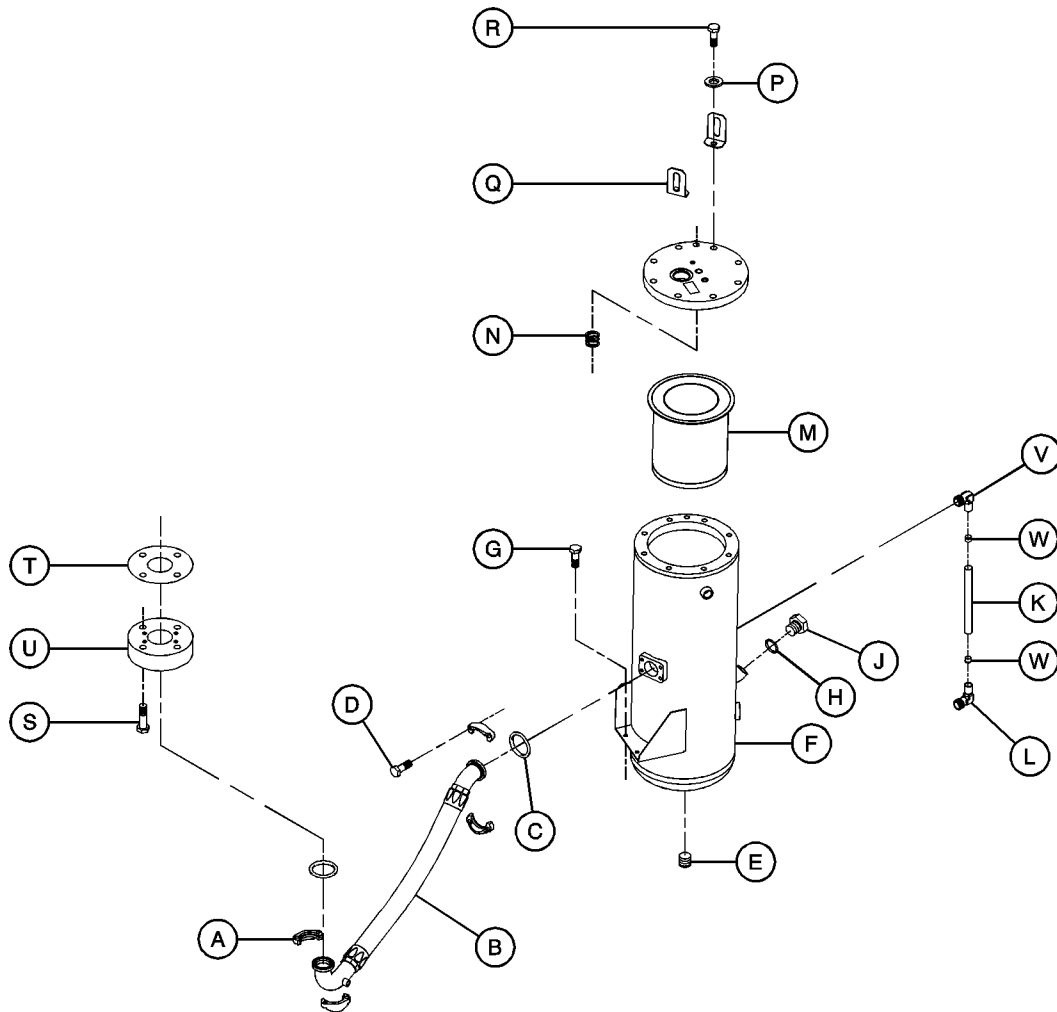


22826218\_cp21\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                       | QTY | DIMENSIONS/NOTES        |
|------|-----------|-----------------------------------|-----|-------------------------|
| N    | 35116094  | Clamp, 6.50" T-Bplt               | 4   | Includes Items E thru H |
| P    | 36866242  | Air Filter Assembly               | 2   |                         |
| Q    | 22285787  | Elbow, Rubber 90°                 | 1   |                         |
| R    | 35161025  | Clamp, 5.50" T-Bolt               | 2   |                         |
| S    | 22641054  | Tube, Engine Air Intake           | 1   |                         |
| T    | 35274703  | Elbow, Rubber                     | 1   |                         |
| U    | 36897668  | Clamp, 4.50" T-Bolt               | 1   |                         |
| V    | 22283592  | Stiffener, Engine A/F             | 1   |                         |
| W    | 22271738  | Support, Engine A/F               | 1   |                         |
| X    | 22283600  | Stiffener, A/E Air Cleaner Suppot | 1   |                         |
| Y    | 95935599  | Coupling, 1/8 NPT x .75"          | 2   |                         |
| Z    | 35279025  | Screw, Tapping M08 - 1.25 X 20    | 6   |                         |



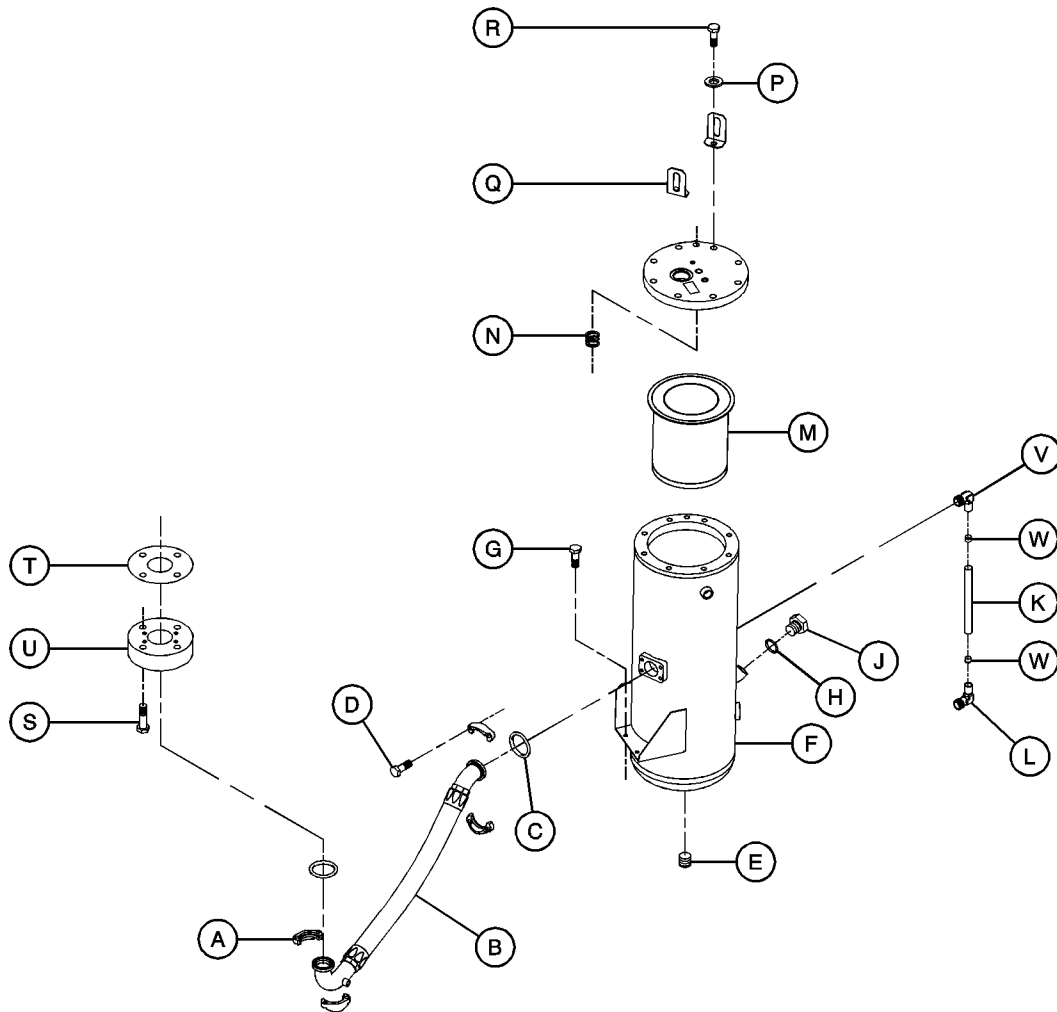
## SEPARATOR TANK ASSEMBLY



22826218\_cp22\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                     | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------|-----|------------------|
| A    | 36866010  | Flange, Split                   | 4   |                  |
| B    | 22176572  | Hose, Discharge                 | 1   |                  |
| C    | 36866028  | O-Ring                          | 2   |                  |
| D    | 96702329  | Screw, Hex M12 - 1.75 X 35      | 8   |                  |
| E    | 95280541  | Plug                            | 1   |                  |
| F    | 22188205  | Tank, Separator                 | 1   |                  |
| G    | 36879492  | Screw, Hex Flange M12-1.75 X 25 | 4   |                  |
| H    | 35279942  | O-Ring                          | 1   |                  |
| J    | 35579630  | Plug, Filler                    | 1   |                  |
| K    | 22685531  | Tube, Sight                     | 1   |                  |
| L    | 22685499  | Elbow, Compression              | 1   |                  |

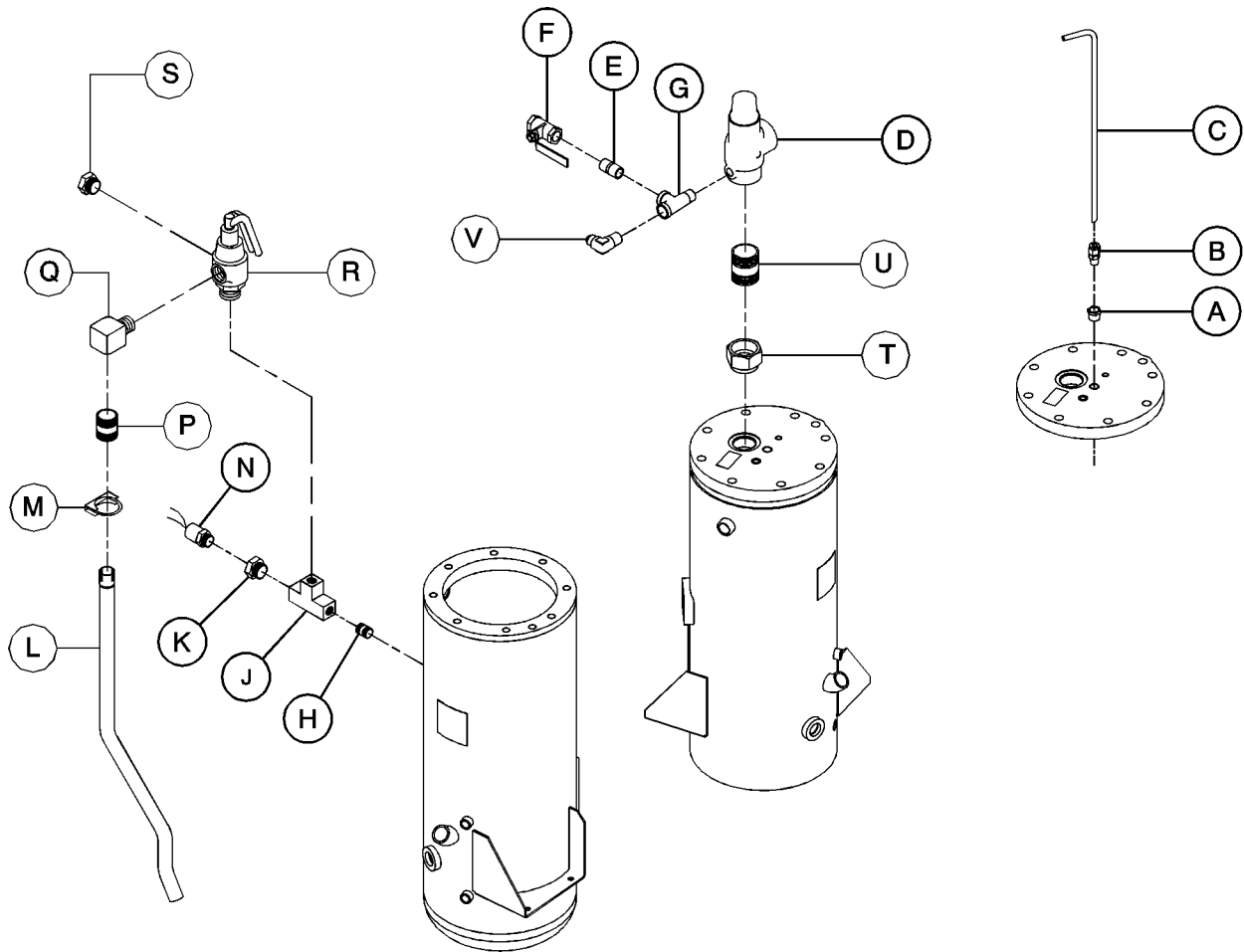
# SEPARATOR TANK ASSEMBLY cont'd



22826218\_cp22\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION              | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------|-----|------------------|
| M    | 22291280  | Element, Separator       | 1   |                  |
| N    | 35602325  | Spring                   | 1   |                  |
| P    | 95935011  | Washer, Flat             | 9   |                  |
| Q    | 22326763  | Bracket, Lift            | 2   |                  |
| R    | 96721162  | Screw, Hex M20-2.50 X 70 | 9   |                  |
| S    | 39179072  | Screw, Hex M16-2.0 X 50  | 4   |                  |
| T    | 36898492  | Gasket, Discharge Flange | 1   |                  |
| U    | 36898500  | Adapter, Flange          | 1   |                  |
| V    | 22685481  | Elbow, Compression       | 1   |                  |
| W    | 22685507  | Insert, 1/4 Tube         | 2   |                  |

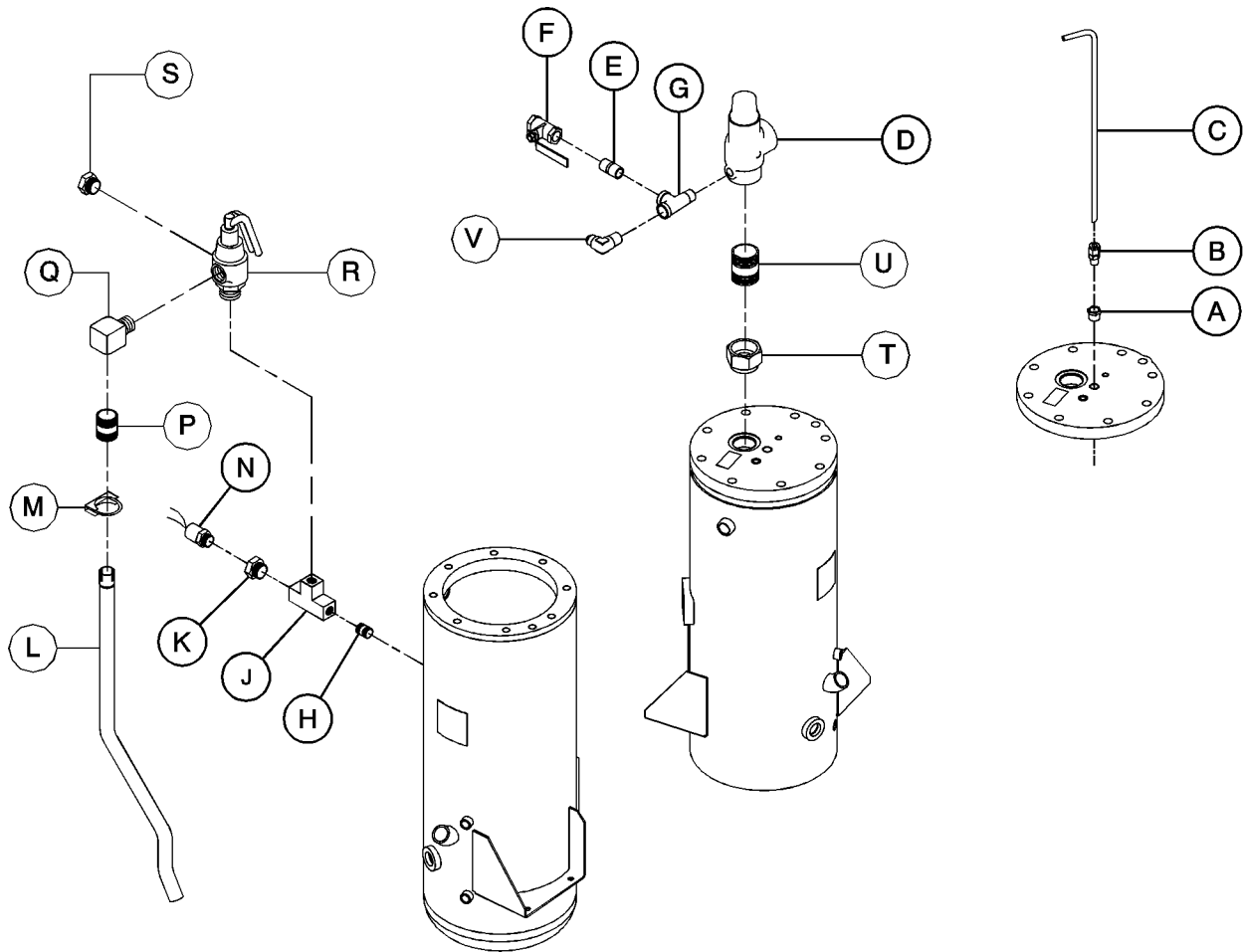
## SEPARATOR TANK COMPLETE



22826218\_cp23\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                         | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------------|-----|------------------|
| A    | 95953956  | Bushing, Reducing 3/4 NPT X 3/8 NPT | 1   |                  |
| B    | 35329309  | Fitting, Tube                       | 1   |                  |
| C    | 36794147  | Tube, Scavenge                      | 1   |                  |
| D    | 22217848  | Valve, Min. Pressure                | 1   |                  |
| E    | 95934279  | Nipple, 1/2 NPT X 1.12"             | 1   |                  |
| F    | 35581792  | Valve, Ball                         | 1   |                  |
| G    | 95944708  | Tee, Street 1/2 NPT                 | 1   |                  |
| H    | 95951422  | Nipple, Short 1.0 NPT x 2.0"        | 1   |                  |
| J    | 95954228  | Tee, 1.0 NPT                        | 1   |                  |
| K    | 95940060  | Bushing, Reducing 1.0 NPT x 1/2 NPT | 1   |                  |

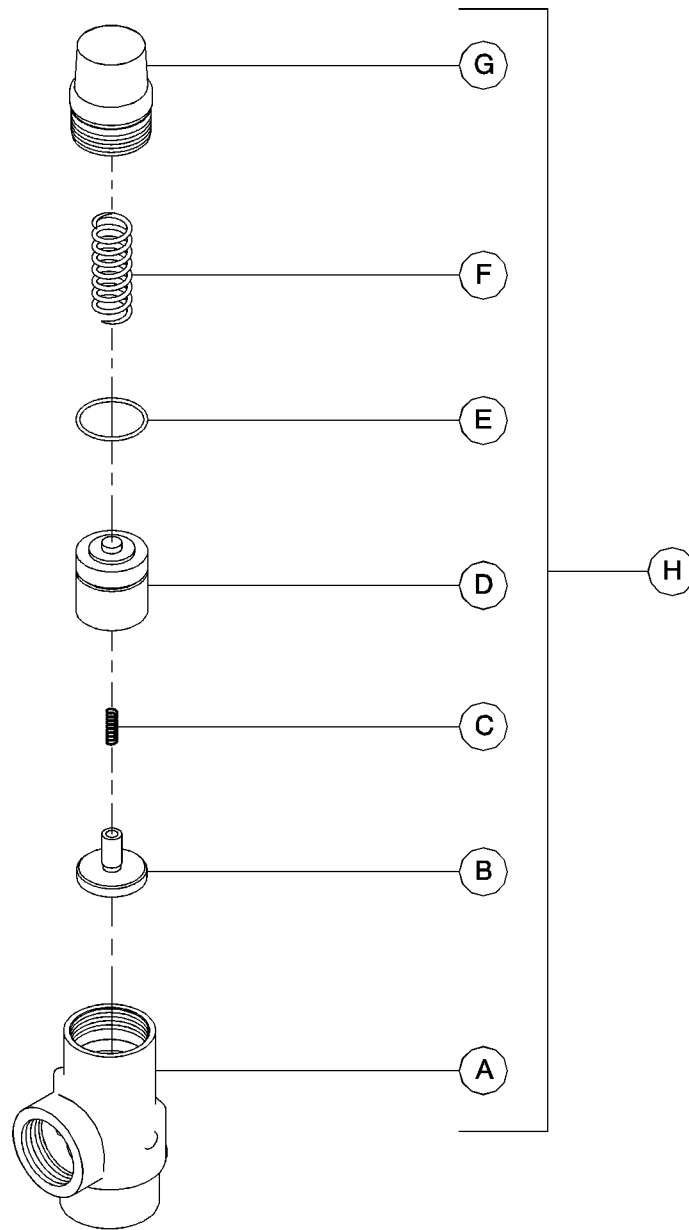
## SEPARATOR TANK COMPLETE cont'd



22826218\_cp23\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                   | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------|-----|------------------|
| L    | 22352934  | Pipe, Safety Valve            | 1   |                  |
| M    | 35261155  | Clamp, Muffler                | 1   |                  |
| N    | 22806004  | Sensor, Temperature           | 1   |                  |
| P    | 95953758  | Nipple, Long 1.25 NPT X 4.50" | 1   |                  |
| Q    | 95944104  | Elbow, 90° Street 1.25 NPT    | 1   |                  |
| R    | 39227541  | Valve, Safety                 | 1   |                  |
| S    | 95928230  | Plug, Hex Countersink 1/4 NPT | 1   |                  |
| T    | 95944641  | Adapter, 2.50-12 X 2.0 NPT    | 1   |                  |
| U    | 95953790  | Nipple, Short 2.0 NPT X 2.50" | 1   |                  |
| V    | 35309210  | Elbow, 90° 1/2 NPT X -8 JIC   | 1   |                  |

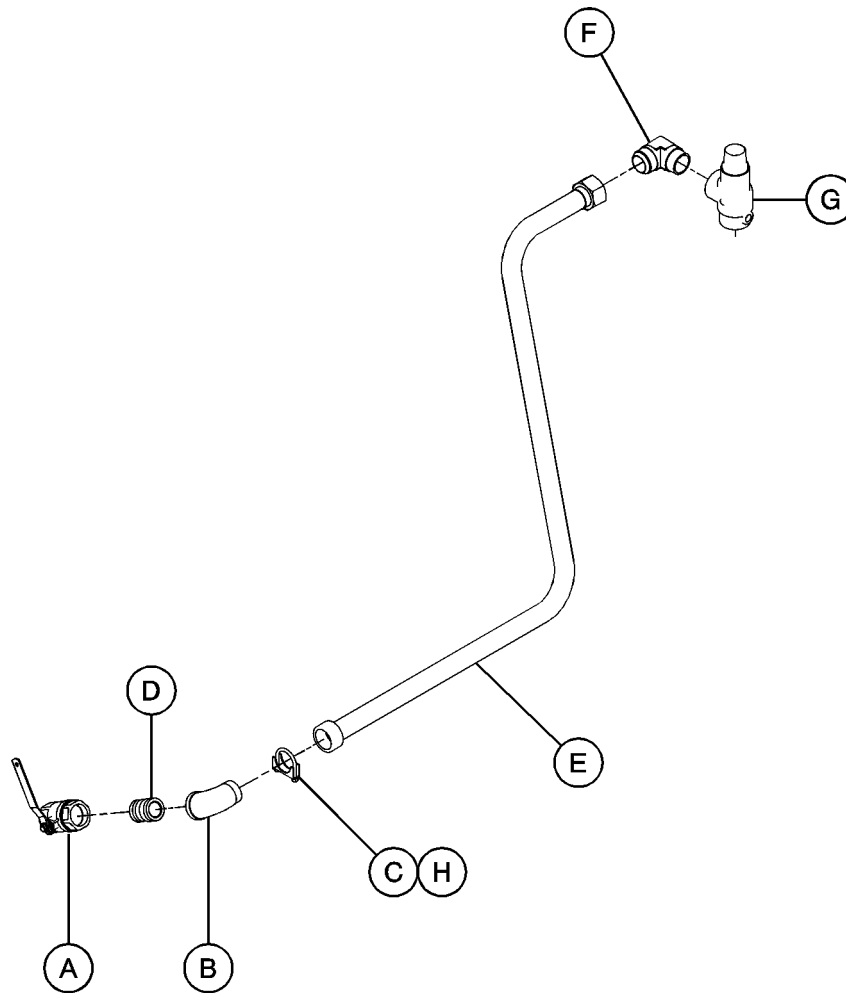
## MINIMUM PRESSURE CHECK VALVE



22826218\_cp24\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                           | QTY | DIMENSIONS/NOTES        |
|------|-----------|---------------------------------------|-----|-------------------------|
| A    | 22218424  | Body, Valve                           | 1   |                         |
| B    | 35367317  | CV Assembly                           | 1   |                         |
| C    | 22218457  | Spring, Small                         | 1   |                         |
| D    | 35367325  | Valve, Piston                         | 1   |                         |
| E    | 35367374  | O-Ring                                | 1   |                         |
| F    | 35367366  | Spring, Large                         | 1   |                         |
| G    | 22218432  | Cap, Valve                            | 1   |                         |
| H    | 22217848  | Minimum Pressure Check Valve Assembly | 1   | Incl. Items B, C, E & F |
|      | 22218622  | Check Valve Kit                       | AR  |                         |

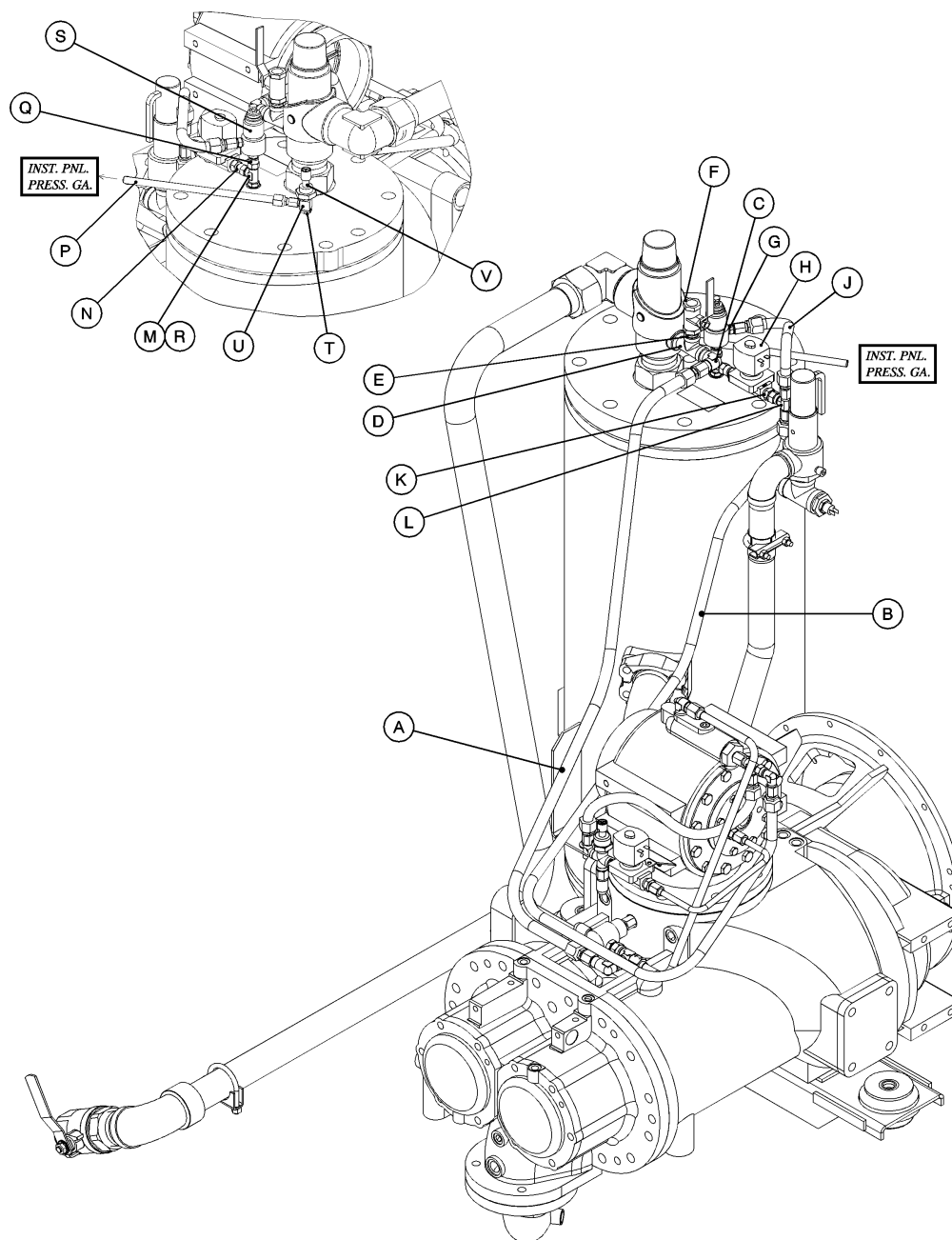
## SERVICE AIR PIPING



22826218\_cp25\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                   | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------|-----|------------------|
| A    | 35602473  | Valve, Ball                   | 1   |                  |
| B    | 95944674  | Elbow, 90° Street 2.0 NPT     | 1   |                  |
| C    | 35192178  | Clamp, Saddle                 | 1   |                  |
| D    | 95953790  | Nipple, Short 2.0 NPT X 2.50" | 1   |                  |
| E    | 22223846  | Pipe, Service                 | 1   |                  |
| F    | 36786127  | Elbow, 90° 2.0 NPT X -32 JIC  | 1   |                  |
| G    | 22217848  | Valve, Minimum Pressure       | 1   |                  |
| H    | 95935037  | Washer, Flat                  | 2   |                  |

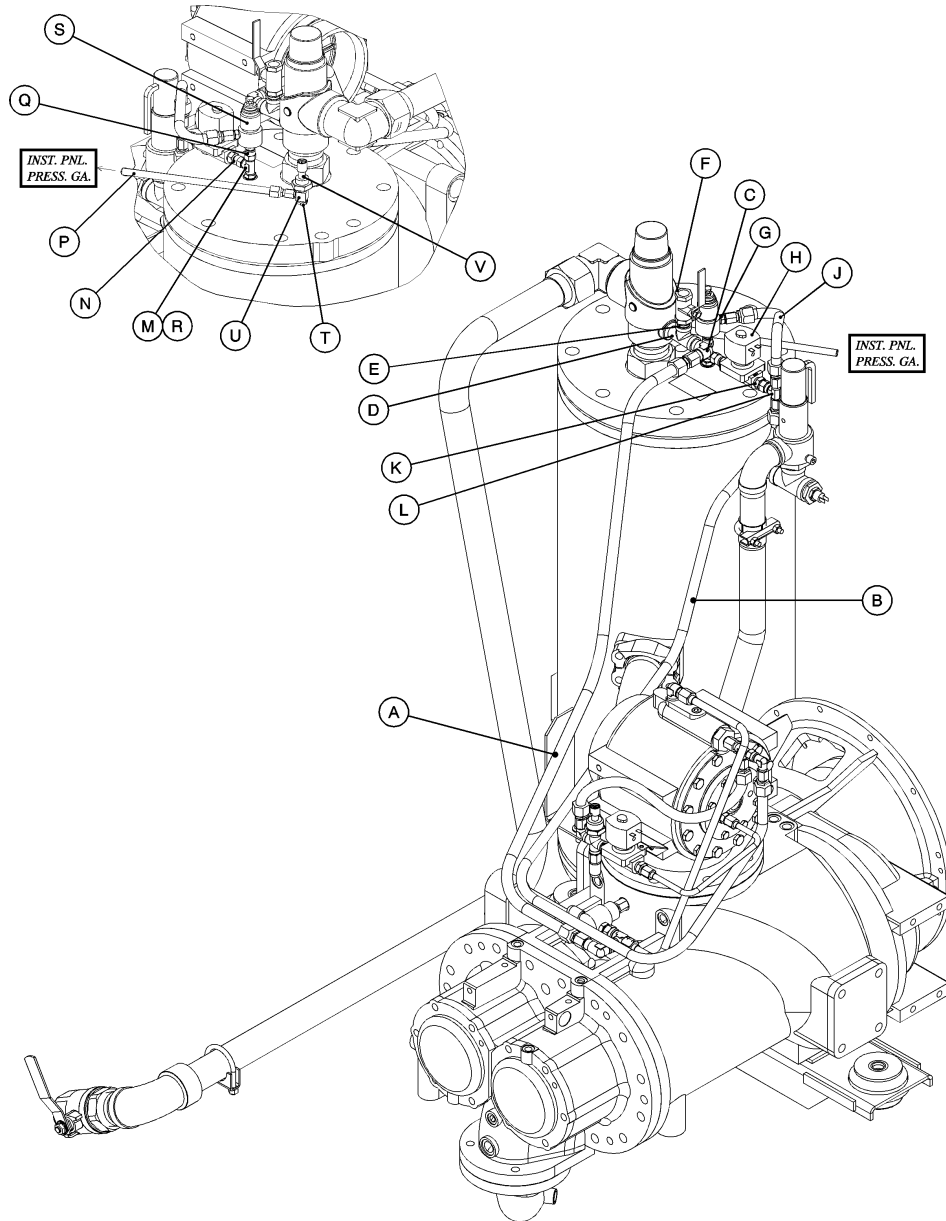
## AIR PIPING



22826218\_cp26\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                   | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------|-----|------------------|
| A    | 35286541  | Hose Assembly, -8 JIC         | 1   |                  |
| B    | 35284538  | Hose Assembly, -6 JIC         | 1   |                  |
| C    | 35309210  | Elbow, 90° 1/2 NPT X -8 JIC   | 1   |                  |
| D    | 95944708  | Tee, Street 1/2 NPT           | 1   |                  |
| E    | 95934279  | Nipple, Close 1/2 NPT X 1.12" | 1   |                  |
| F    | 35581792  | Valve, Ball                   | 1   |                  |
| G    | 35284082  | Connector, 1/4 NPT X -6 JIC   | 1   |                  |
| H    | 36840841  | Valve, Solenoid               | 1   |                  |
| J    | 35282953  | Hose Assembly, -6 JIC         | 1   |                  |
| K    | 35290147  | Connector, 3/8 NPT X -6 JIC   | 1   |                  |

## AIR PIPING cont'd

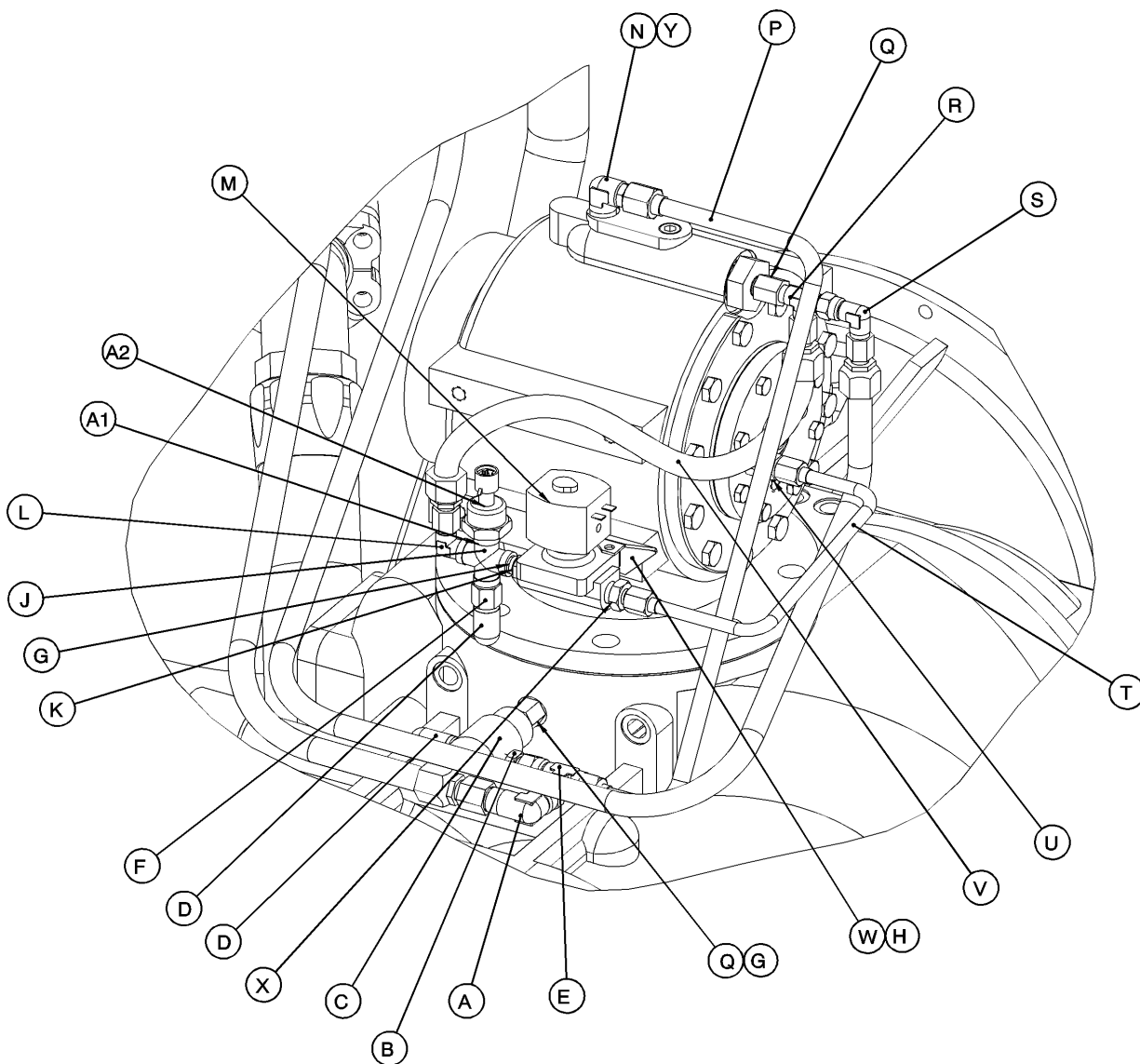


22826218\_cp26\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                          | QTY | DIMENSIONS/NOTES                                                               |
|------|-----------|--------------------------------------|-----|--------------------------------------------------------------------------------|
| L    | 35283092  | Tee, -6 JIC Branch Swivel Nut        | 1   | XP Models; Prior to S/N<br>HP Models; Prior to S/N<br>All Models; Begin w/ S/N |
| M    | 35279850  | Tee, 9/16 -18 Run X -6JIC Swivel Nut | 1   |                                                                                |
| N    | 35368927  | Fitting, Swivel                      | 1   |                                                                                |
| P    | 35306661  | Hose Assembly, -4 JIC                | 1   |                                                                                |
| Q    | 35367846  | Connector, 1/4 NPT X -6 IC           | 1   |                                                                                |
| R    | 35278571  | O-Ring                               | 1   |                                                                                |
| S    | 35854149  | Valve, Pressure Regulator            | 1   |                                                                                |
|      | 36854495  | Valve, Pressure Regulator            | 1   |                                                                                |
|      |           | Valve, Pressure Regulator            | 1   |                                                                                |
| T    | 95953899  | Bushing, Reducing 3/8 NPT x 1/8 NPT  | 1   |                                                                                |
| U    | 35326503  | Tee, 1/8 NPT X -4 JIC                | 1   |                                                                                |
| V    | 54496773  | Transducer, Pressure                 | 1   |                                                                                |



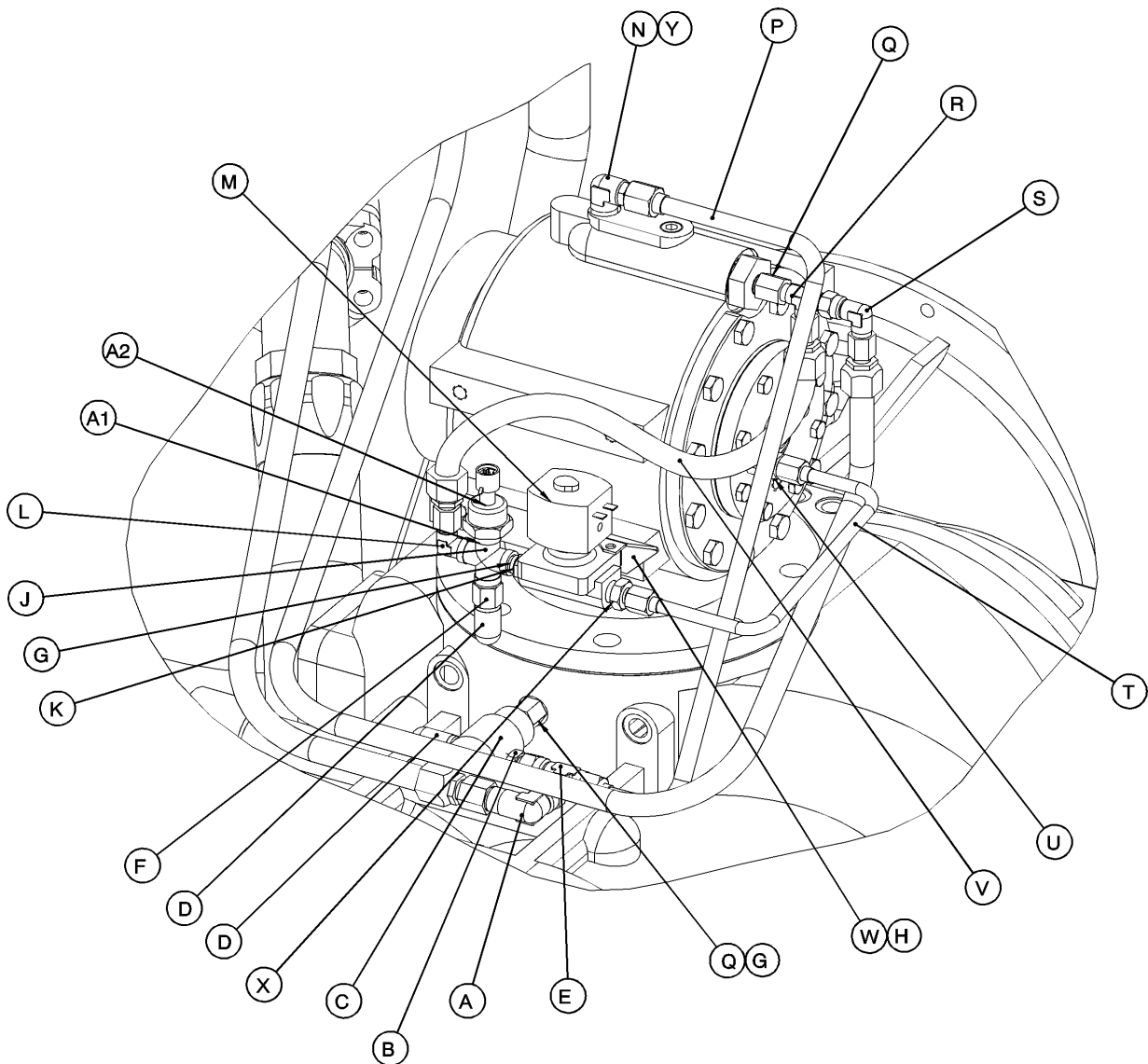
# AIR PIPING cont'd



22826218\_cp27\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                           | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------------|-----|------------------|
| A    | 35287911  | Elbow, 90° Swivel Nut -8 JIC          | 1   |                  |
| B    | 35283134  | Connector, 1/4 NPT X -8 JIC           | 1   |                  |
| C    | 35322379  | Valve, Blowdown                       | 1   |                  |
| D    | 35322395  | Silencer, Pneumatic 1/4 NPT           | 2   |                  |
| E    | 35287929  | Tee, Swivel Nut Run -8 JIC            | 1   |                  |
| F    | 35322346  | Orifice, .156"                        | 1   |                  |
| G    | 95944575  | Nipple, Close 1/4 NPT X .88"          | 2   |                  |
| H    | 96719869  | Screw, Hex M12-1.75 X 20              | 1   |                  |
| J    | 95954293  | Cross, 1/4 NPT                        | 1   |                  |
| K    | 95940748  | Bushing, Reducing 3/8 NPT X 1/2 NPT   | 1   |                  |
| L    | 35279934  | Elbow, 90° 1/4 NPT X -6 JIC           | 1   |                  |
| M    | 36881944  | Valve, Solenoid                       | 1   |                  |
| N    | 35287937  | Elbow, 90° 9/16-18 X -8 JIC w/ O-Ring | 1   |                  |
| P    | 35857176  | Tube Assembly                         | 1   |                  |

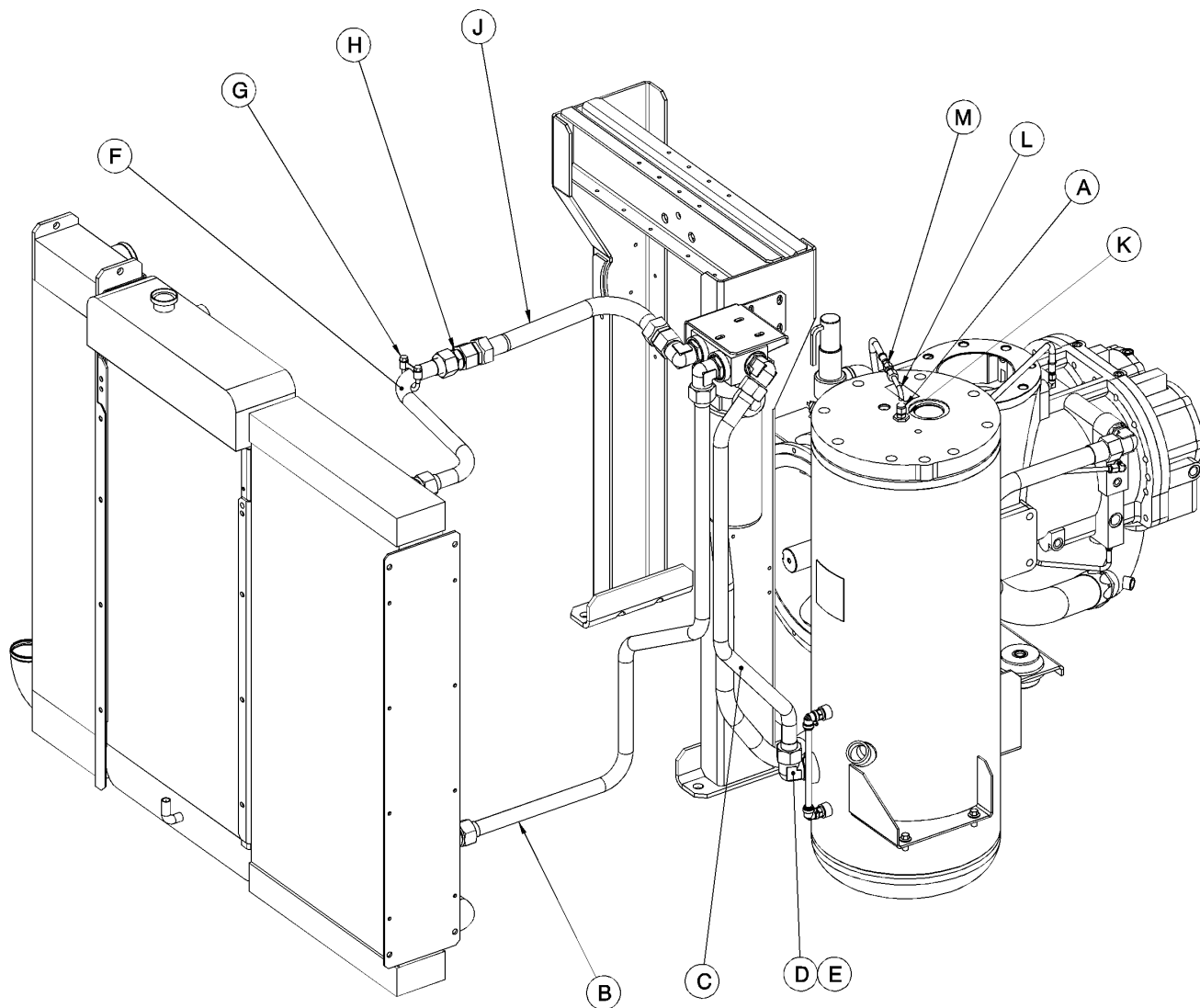
# AIR PIPING cont'd



22826218\_cp27\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                         | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------------|-----|------------------|
| Q    | 35302314  | Adapter, 9/16-18 X 1/4 NPT          | 2   |                  |
| R    | 35283050  | Tee, Run 1/4 NPT X -6 JIC           | 1   |                  |
| S    | 35283068  | Elbow, 90° Swivel Nut               | 1   |                  |
| T    | 36867554  | Tube, Unloader                      | 1   |                  |
| U    | 36840460  | Valve, .040" Check                  | 1   |                  |
| V    | 35283282  | Hose Assembly                       | 1   |                  |
| W    | 36841658  | Bracket                             | 1   |                  |
| X    | 35290147  | Connector, 3/8 NPT X -6 JIC         | 1   |                  |
| Y    | 35278571  | O-Ring                              | AR  |                  |
| Z    | 35379064  | Kit, Diaphragm Repair               | AR  | For Item C       |
| A1   | 95930301  | Bushing, Reducing 1/4 NPT X 1/8 NPT | 1   |                  |
| A2   | 36920825  | Transducer, Pressure 100 PSI        | 1   |                  |

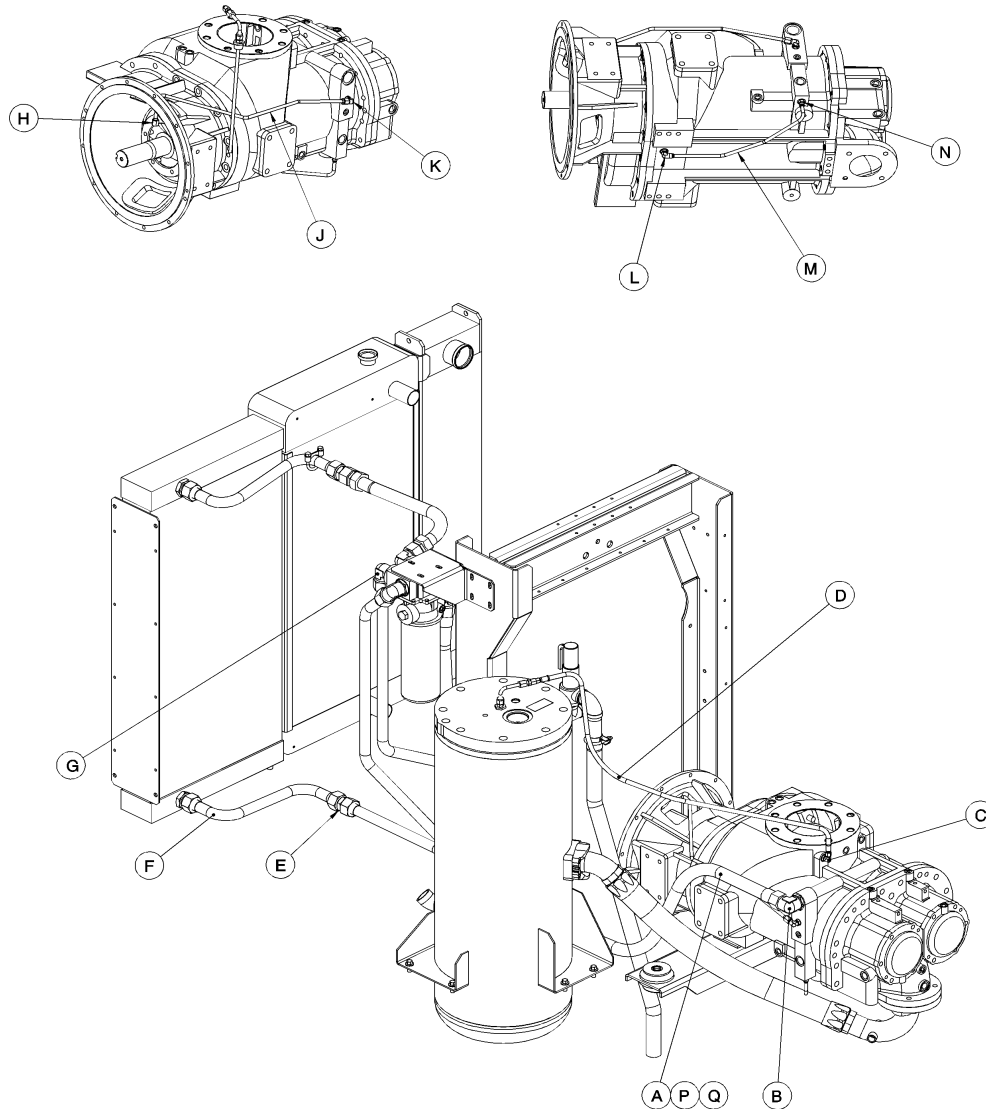
## OIL PIPING



22826218\_cp28\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                            | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------------------|-----|------------------|
| A    | 35329309  | Fitting, Lenz                          | 1   |                  |
| B    | 22214787  | Tube Assembly                          | 1   |                  |
| C    | 22214803  | Tube Assembly                          | 1   |                  |
| D    | 35279777  | Elbow, 90° 1.62-12 X -20 JIC w/ O-Ring | 1   |                  |
| E    | 35279942  | O-Ring                                 | AR  |                  |
| F    | 22214779  | Tube Assembly                          | 1   |                  |
| G    | 36785277  | Clamp, Saddle                          | 1   |                  |
| H    | 95469052  | Union                                  | 1   |                  |
| J    | 35228212  | Hose Assembly                          | 1   |                  |
| K    | 95953956  | Bushing, Reducer 3/4 NPT X 3/8 NPT     | 1   |                  |
| L    | 36794147  | Tube, Scavenge                         | 1   |                  |
| M    | 36840411  | Valve, Check                           | 1   |                  |

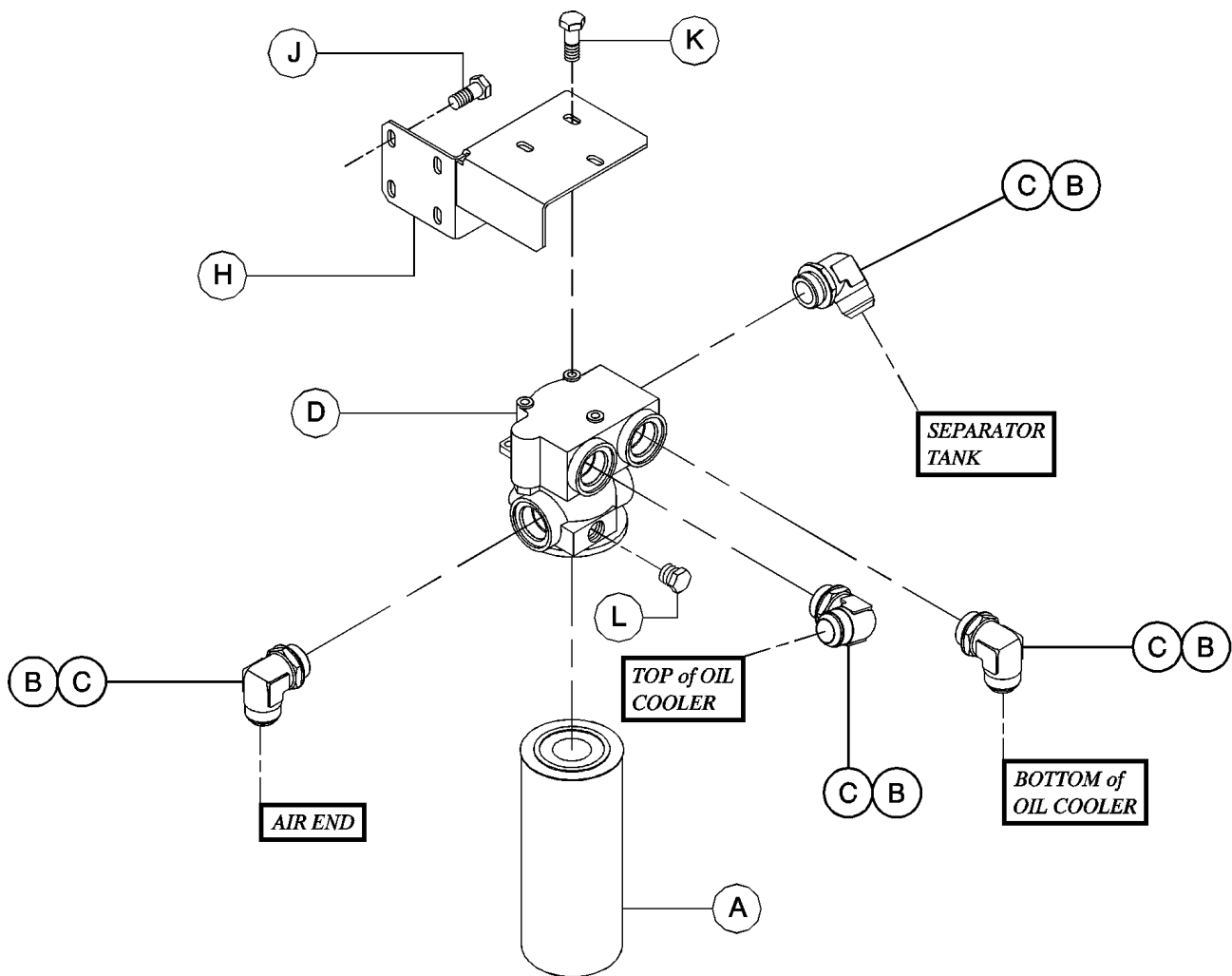
## OIL PIPING cont'd



22826218\_cp29\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A    | 22279772  | Hose Assembly                  | 1   |                  |
| B    | 39476973  | Elbow, 90° 1.31-12 X -20 JIC   | 1   |                  |
| C    | 95365094  | Elbow, 90° 9/16-18 X -4 JIC    | 1   |                  |
| D    | 35322494  | Hose Assembly                  | 1   |                  |
| E    | 95469052  | Union                          | 1   |                  |
| F    | 22214779  | Tube Assembly                  | 1   |                  |
| G    | 35279777  | Elbow, 90° 1-5/8-12 X -20 JIC  | 4   |                  |
| H    | 36866564  | Connector, 7/16-20 X -6 JIC    | 1   |                  |
| J    | 39911284  | Tube Assembly                  | 1   |                  |
| K    | 95959730  | Elbow, 90° 7/16-20 X -6 JIC    | 1   |                  |
| L    | 35279827  | Elbow, 90° 9/16-18 X -6 JIC    | 1   |                  |
| M    | 39911292  | Tube                           | 1   |                  |
| N    | 95974663  | Connector, 7/16-14 X -6 JIC    | 1   |                  |
| P    | 35114057  | Clamp, 1.50" Support           | 1   |                  |
| Q    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 1   |                  |

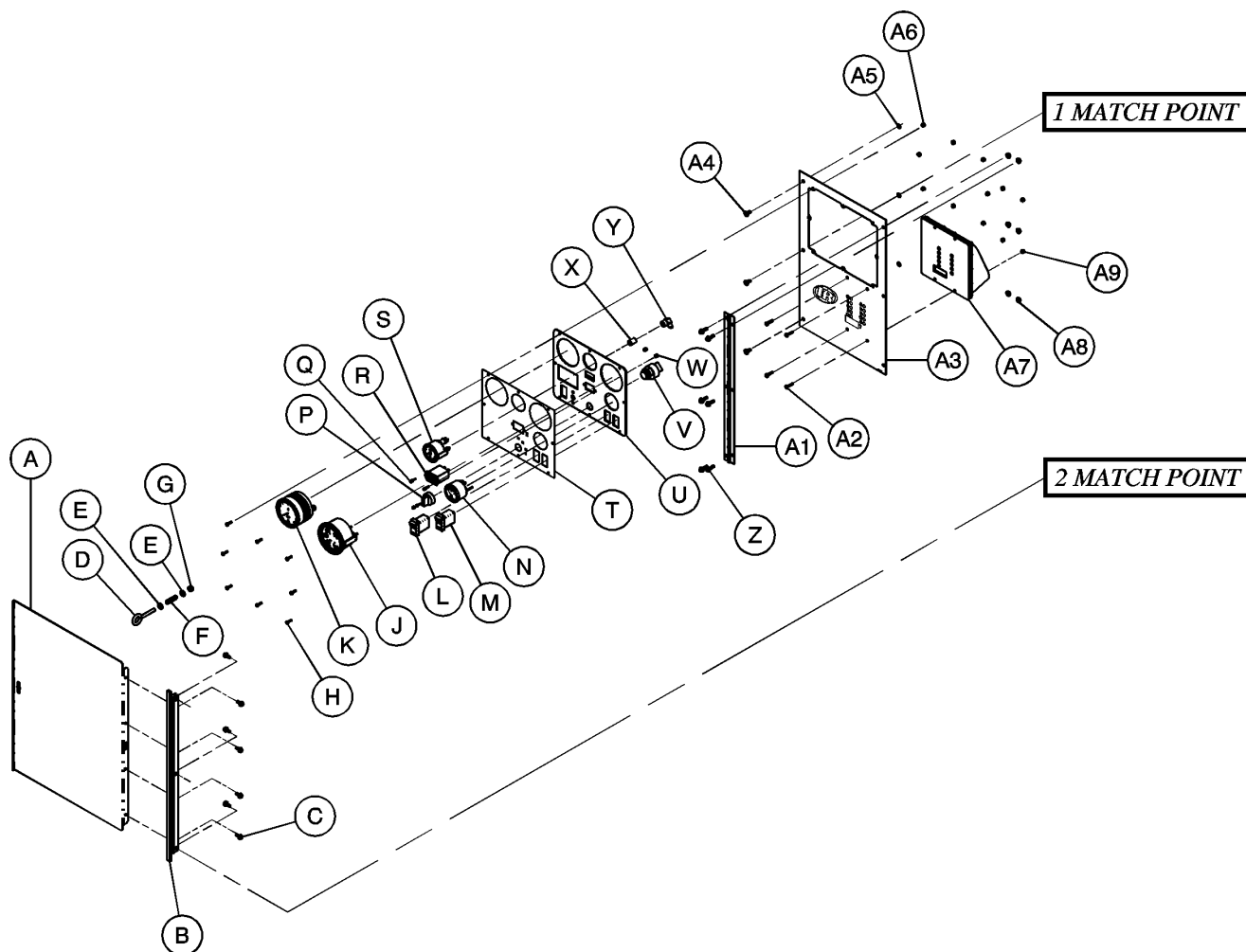
## COMPRESSOR OIL FILTER



22826218\_cp30\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A    | 36897346  | Element, Oil Filter            | 1   |                  |
| B    | 35279942  | O-Ring                         | AR  |                  |
| C    | 35279777  | Elbow, 90° 1-5/8-12 X -20 JIC  | 4   |                  |
| D    | 36871689  | Head, Oil Filter               | 1   |                  |
| E    | 35388024  | Repair Kit, Relief Valve       | AR  |                  |
| F    | 35388032  | Repair Kit, Thermostat Element | AR  |                  |
| G    | 35388040  | Repair Kit, O-Ring             | AR  |                  |
| H    | 22213037  | Bracket, OTBV                  | 1   |                  |
| J    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 5   |                  |
| K    | 96701479  | Screw, Hex M10 - 1.50 X 16     | 3   |                  |
| L    | 95938965  | Plug, Hex 7/16-20              | 1   |                  |

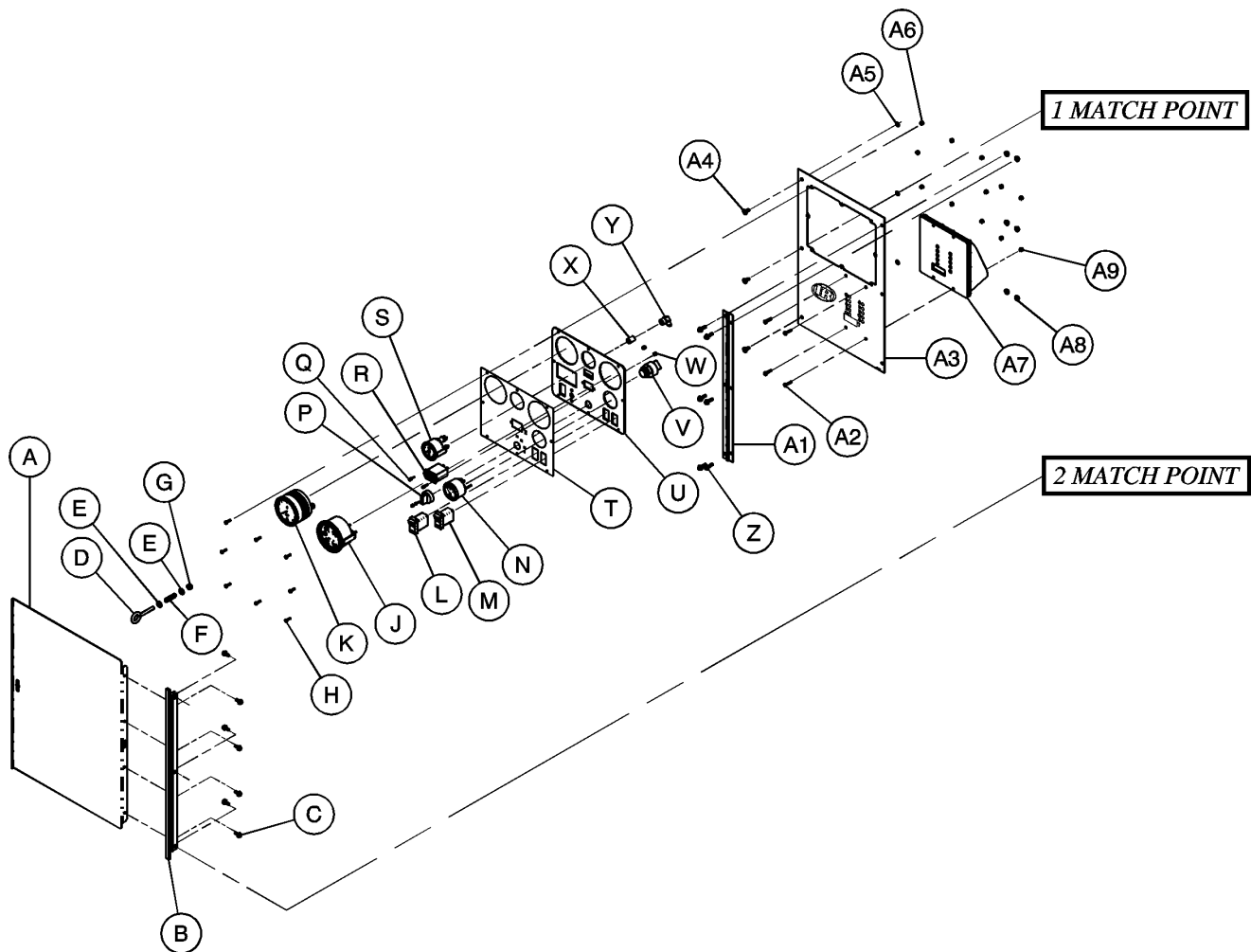
## INSTRUMENT PANEL FACE



22826218\_cp31\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                  | QTY | DIMENSIONS/NOTES     |
|------|-----------|------------------------------|-----|----------------------|
|      | 22633044  | Panel Assembly, Instrument   |     | Incl. Items J thru Y |
| A    | 22625909  | Door, Instrument Panel       | 1   |                      |
| B    | 22631816  | Hinge, Instrument Panel Door | 1   |                      |
| C    | 92368687  | Screw, Tapping M06-1.0 x 14  | 6   |                      |
| D    | 35327303  | Eyebolt                      | 1   |                      |
| E    | 95934998  | Washer, Flat                 | 3   |                      |
| F    | 35327311  | Spring                       | 1   |                      |
| G    | 95923314  | Nut, Hex Lock 5/16-18        | 1   |                      |
| H    | 95942553  | Screw, Pan Head #8-32 X 5/8" | 8   |                      |
| J    | 22056394  | Gauge, 4 in 1                | 1   |                      |
| K    | 22055883  | Tachometer                   | 1   |                      |
| L    | 22054076  | Switch, Warm-Up              | 1   |                      |

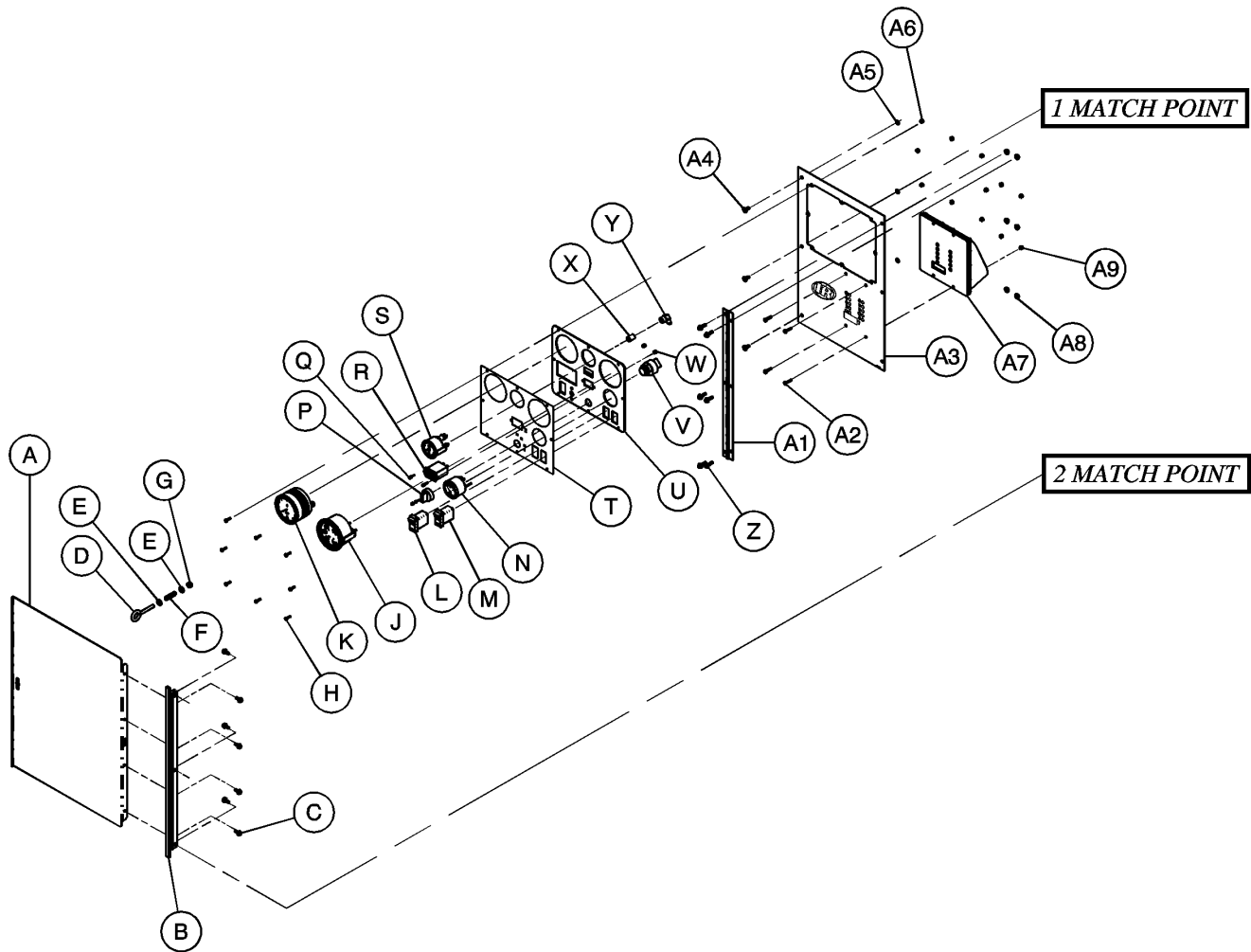
# INSTRUMENT PANEL FACE cont'd



22826218\_cp31\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES   |
|------|-----------|--------------------------------|-----|--------------------|
| M    | 22050553  | Light, Warning Module          | 1   | Included w/ Item V |
| N    | 22692602  | Gauge, Fuel Level              | 1   |                    |
| P    | 22134118  | Knob Assembly                  | AR  |                    |
| Q    | 95775599  | Screw, Round Head #4-40 X 1/2" | 2   |                    |
| R    | 22054175  | Meter, Hour                    | 1   |                    |
| S    | 36891216  | Gauge, Pressure 250 PSi        | 1   |                    |
| T    | 22171698  | Decal, Instrument Panel        | 1   |                    |
| U    | 22171680  | Panel, Instrument              | 1   |                    |
| V    | 22127385  | Switch, Start                  | 1   |                    |
| W    | 22054159  | Nut, Plastic                   | 2   |                    |
| X    | 95935599  | Coupling, 1/8 NPT X 3/4"       | 1   |                    |

# INSTRUMENT PANEL FACE cont'd

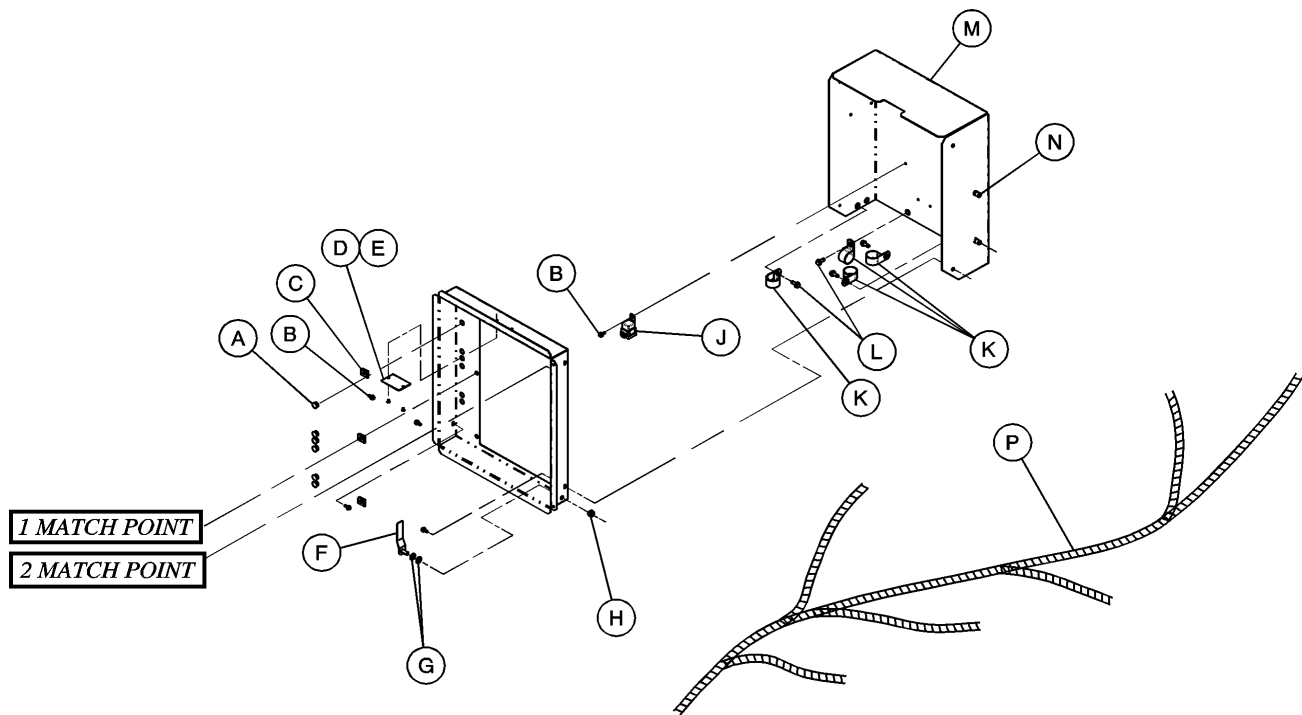


22826218\_cp31\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                      | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------------|-----|------------------|
| Y    | 35306687  | Elbow, 90° 1/8 NPT X -4 JIC      | 1   |                  |
| Z    | 36898096  | Screw, Hex Flange M06-1.0 X 20   | 6   |                  |
| A1   | 22624316  | Hinge, Instrument/Control Panel  | 1   |                  |
| A2   | 95942611  | Screw, Pan Head #10-32 X 7/8"    | 4   |                  |
| A3   | 22623003  | Panel, Instrument and Diagnostic | 1   |                  |
| A4   | 35256429  | Stud, 1/4 Turn Slotted           | 3   |                  |
| A5   | 35256445  | Retainer                         | 3   |                  |
| A6   | 95942637  | Nut, Hex Lock #8-32              | 8   |                  |
| A7   | 22173579  | Wedge Module                     | 1   |                  |
| A8   | 36898104  | Nut, Hex Flange M06-1.0          | 6   |                  |
| A9   | 95928800  | Nut, Hex Lock #10-32             | 4   |                  |



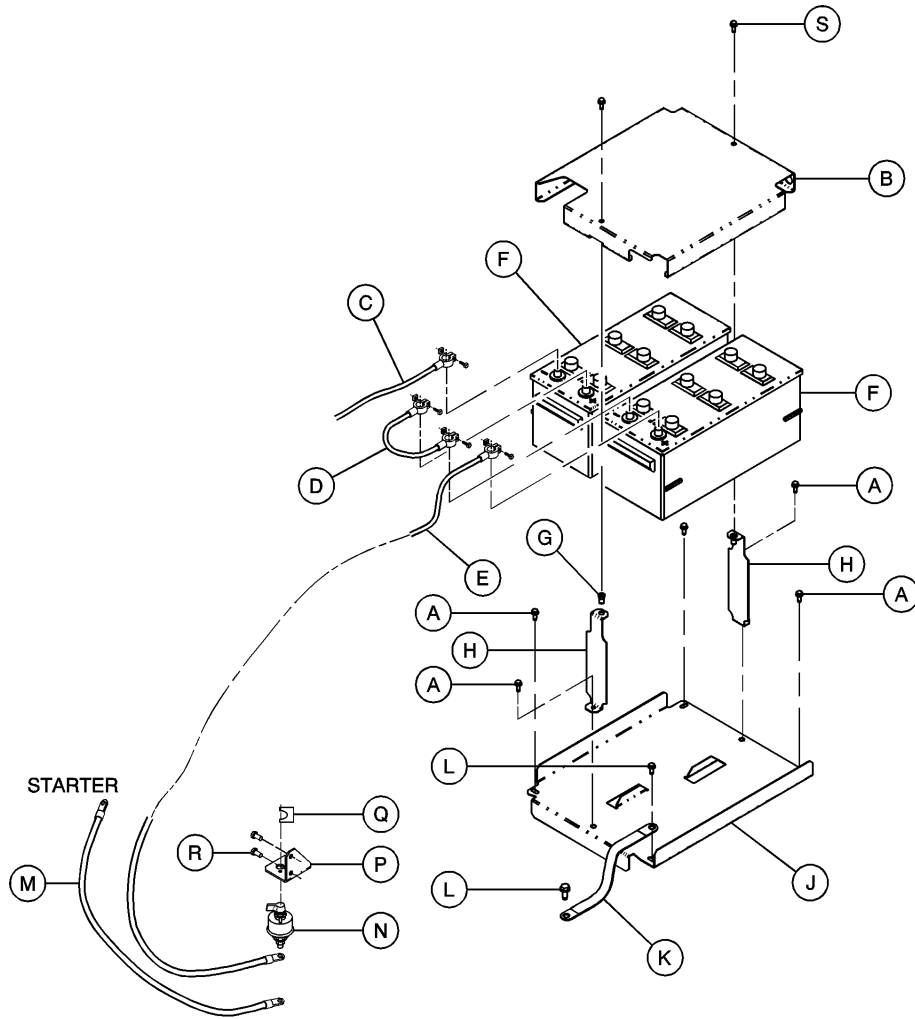
## INSTRUMENT PANEL BACK



22826218\_cp32\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A    | 35282185  | Plug, Hole 5/8"                | 6   |                  |
| B    | 92368687  | Screw, Tapping M06-1.0 x 14    | 5   |                  |
| C    | 35256452  | Receptacle, Quarter Turn       | 3   |                  |
| D    | 22389886  | Plate, Serial Number           | 1   |                  |
| E    | 36794816  | Rivet, .187 Black Stainless    | 2   |                  |
| F    | 35603349  | Holder, Door                   | 1   |                  |
| G    | 95935037  | Washer, Flat                   | 2   |                  |
| H    | 35273366  | Nut, Hex Lock M10-1.50         | 1   |                  |
| J    | 36892362  | Relay                          | 1   |                  |
| K    | 35114057  | Clamp, 1.50" Rubber Support    | 3   |                  |
| L    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 3   |                  |
| M    | 22622997  | Cover, Instrument Panel Rear   | 1   |                  |
| N    | 36895746  | Nutsert, Hex M08               | 3   |                  |
| P    | 22784698  | Harness, Instrument Panel      | 1   |                  |

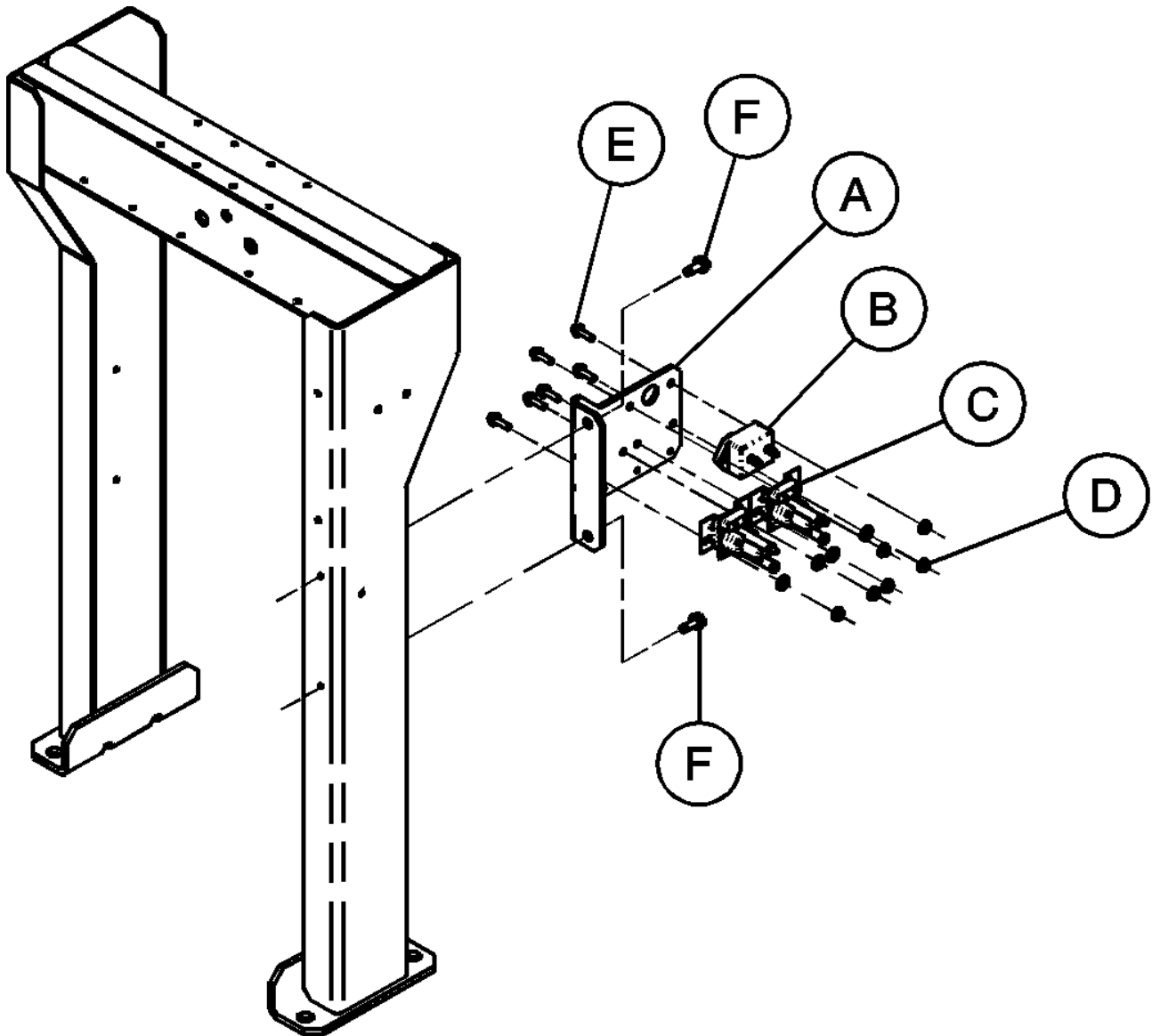
## BATTERY MOUNT



22826218\_cp33\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                     | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------|-----|------------------|
| A    | 35279025  | Screw, Tapping M08 - 1.25 X 20  | 5   |                  |
| B    | 22666366  | Tray, Top                       | 1   |                  |
| C    | 22319735  | Cable, Negative                 | 1   |                  |
| D    | 35128982  | Cable, Jumper                   | 1   |                  |
| E    | 54511282  | Cable, Positive                 | 1   |                  |
| F    | 36793545  | Battery                         | 2   |                  |
| G    | 36895746  | Nutsert, Hex M08                | 4   |                  |
| H    | 22666382  | Bracket, Battery End            | 2   |                  |
| J    | 22666374  | Tray, Bottom Battery            | 1   |                  |
| K    | 22132153  | Strap, Ground                   | 1   |                  |
| L    | 22959936  | Screw, Tapping M08 - 1.25 X 20  | 2   |                  |
| M    | 23268105  | Cable, Positive Jumper          | 1   |                  |
| N    | 36896975  | Switch, Battery Disconnect      | 1   |                  |
| P    | 22666606  | Support, Battery Disconnect     | 1   |                  |
| Q    | 54642327  | Decal, Battery Disconnect       | 1   |                  |
| R    | 96702279  | Screw, Hex M10-1.50 X 20        | 1   |                  |
| S    | 36889608  | Screw, Hex Flange M08-1.25 X 25 | 2   |                  |

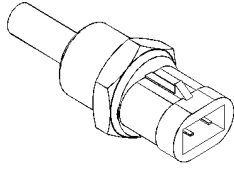
## RELAY MOUNTING



22826218\_cp34\_05/06\_A

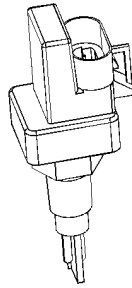
| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A    | 22663181  | Bracket, Relay                 | 1   |                  |
| B    | 22101968  | Circuit Breaker 120A           | 1   |                  |
| C    | 36853521  | Relay                          | 2   |                  |
| D    | 36898104  | Nut, Hex Flange M06-1.0        | 6   |                  |
| E    | 36898096  | Screw, Hex Flange M06-1.0 X 20 | 6   |                  |
| F    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 2   |                  |

## SENDERS, SENSORS and SWITCHES



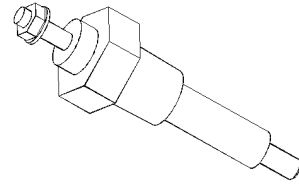
(A)

1. AirEnd Discharge Pipe
2. Separator Tank Side



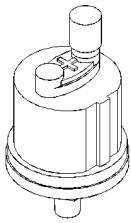
(B)

- Top Radiator Tank



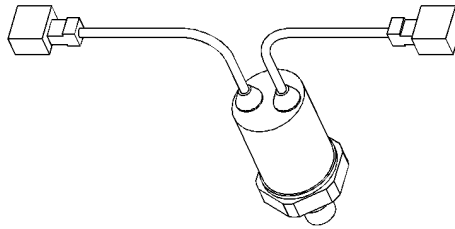
(C)

1. AirEnd Discharge Pipe
2. Top Engine @ Radiator Hose



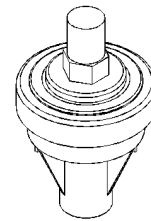
(D) (G)

- Engine Near Starter



(E) (H)

- AirEnd Oil Feed Manifold



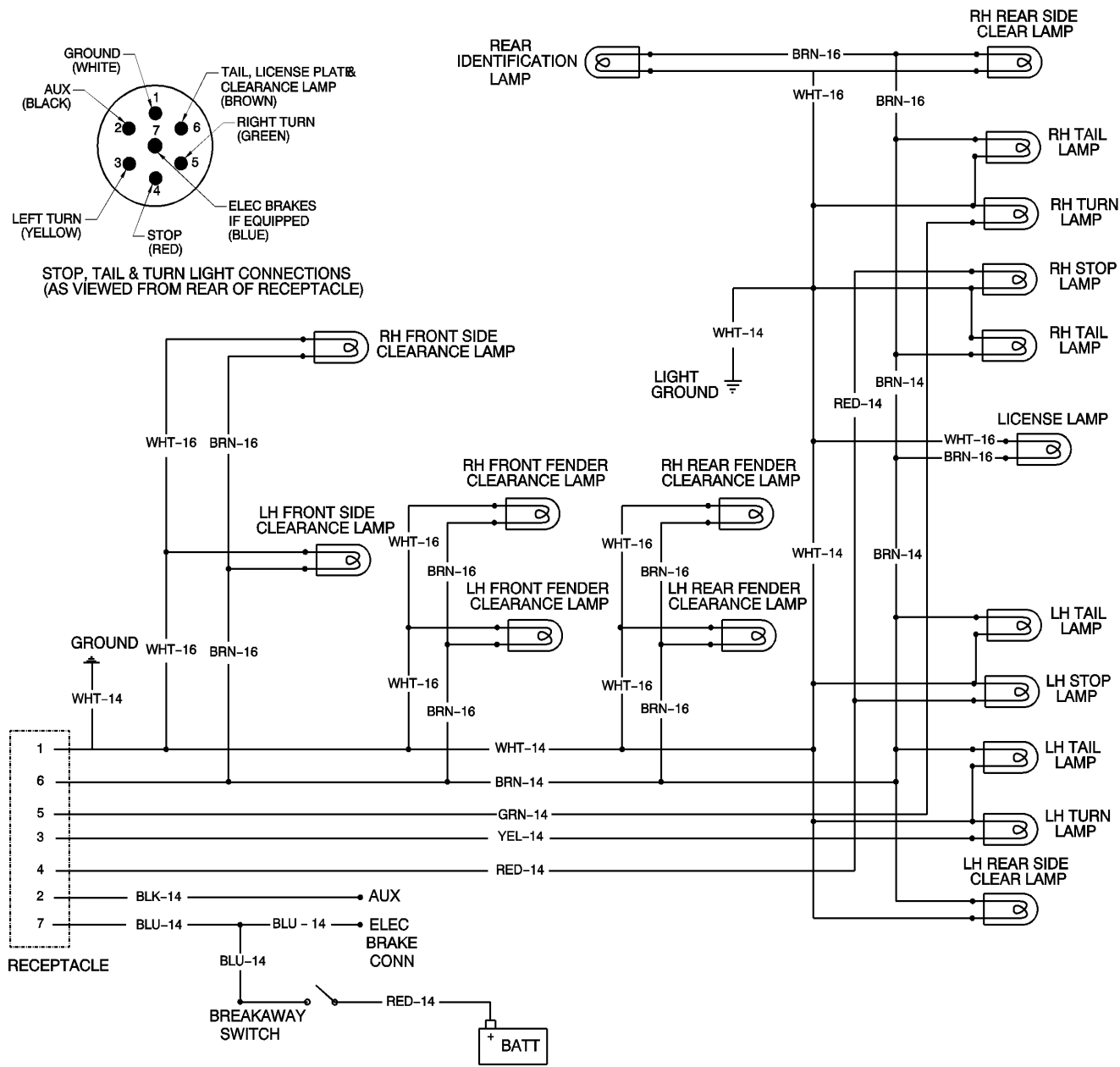
(F)

- Air Cleaners

22826218\_cp35\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                           | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------------|-----|------------------|
| A    | 22806004  | Sensor, Temperture 1/2 NPT            | 2   |                  |
| B    | 22769186  | Sensor, Coolant Level                 | 1   |                  |
| C    | 36504180  | Sender, Temperature 0-300° F          | 2   |                  |
| D    | 36870608  | Sender, Pressure 150 PSI              | 1   |                  |
| E    | 36757581  | Switch, Pressure 12 PSI               | 1   |                  |
| F    | 36847838  | Switch, Vacuum                        | 2   |                  |
| G    | 22257554  | Adapter, M10-1.5 X 1/8" NPT w/ O-Ring | 1   |                  |
| H    | 22246722  | Adapter, 7/16-20 X 1/8" NPT w/ O-Ring | 1   |                  |

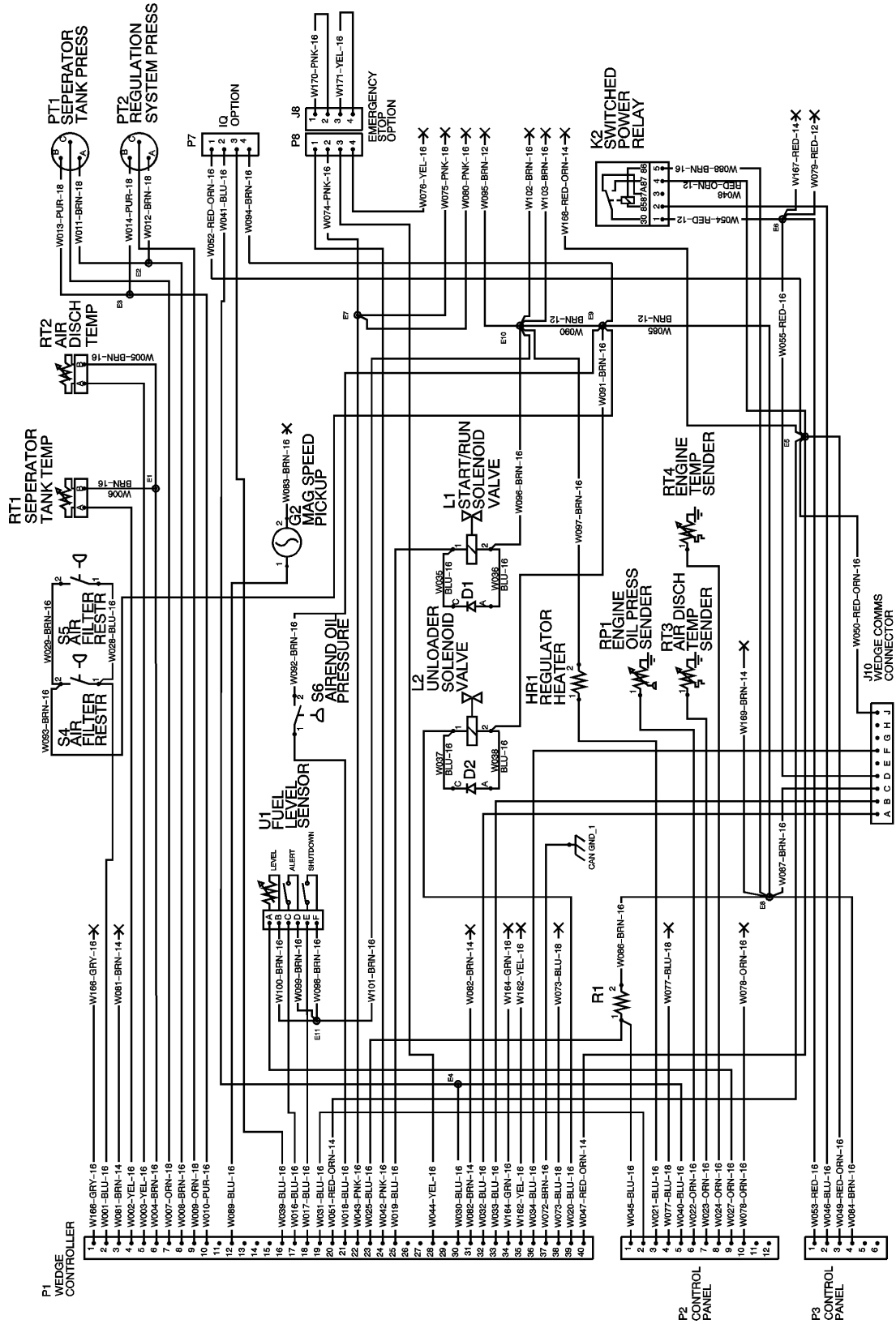
# ELECTRIC BRAKE LIGHT WIRING SCHEMATIC



22826218\_cp39\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------|-----|------------------|
|      |           |             |     |                  |

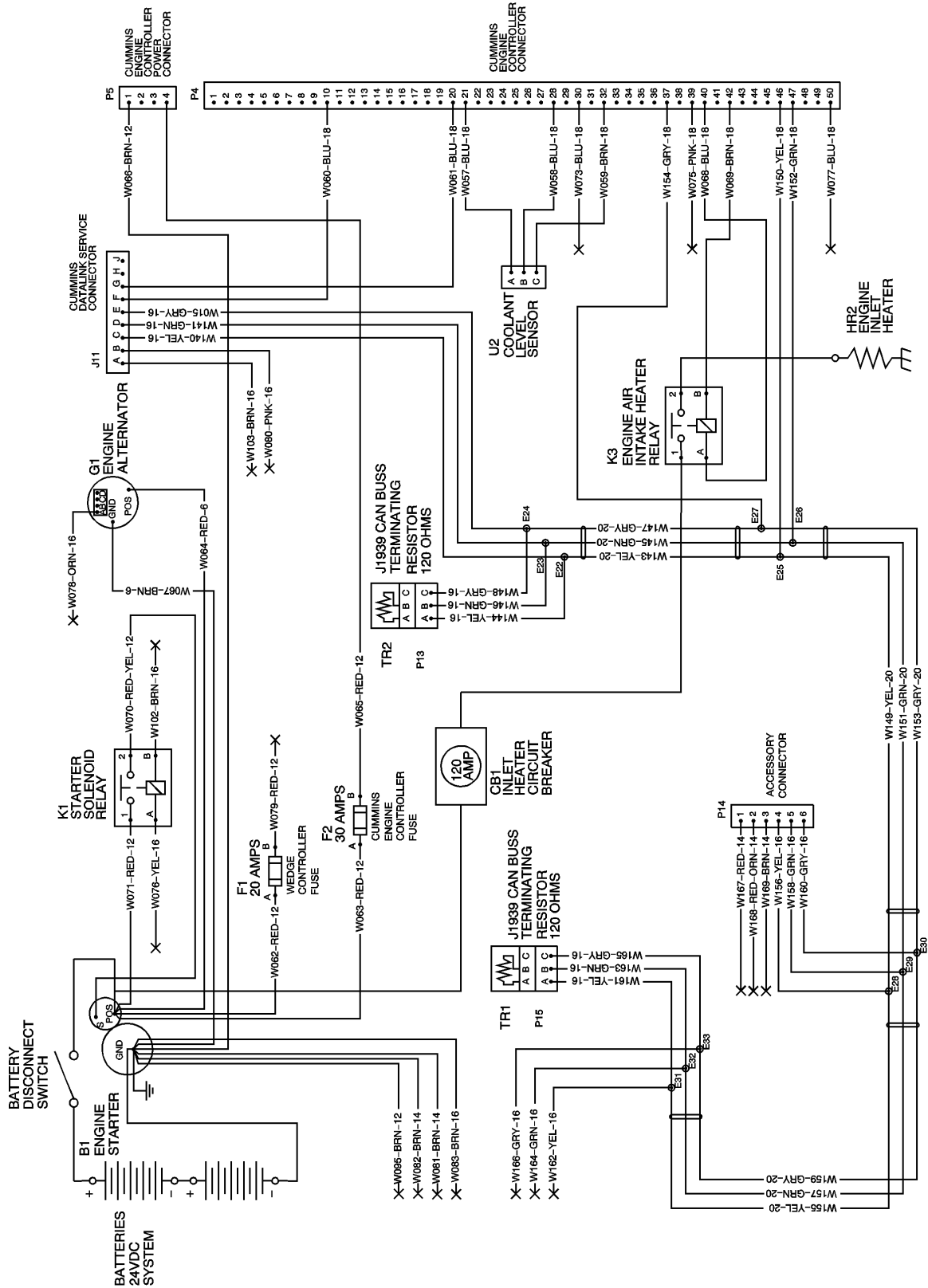
# CHASSIS HARNESS SCHEMATIC



22826218\_cp36\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------|-----|------------------|
|      |           |             |     |                  |

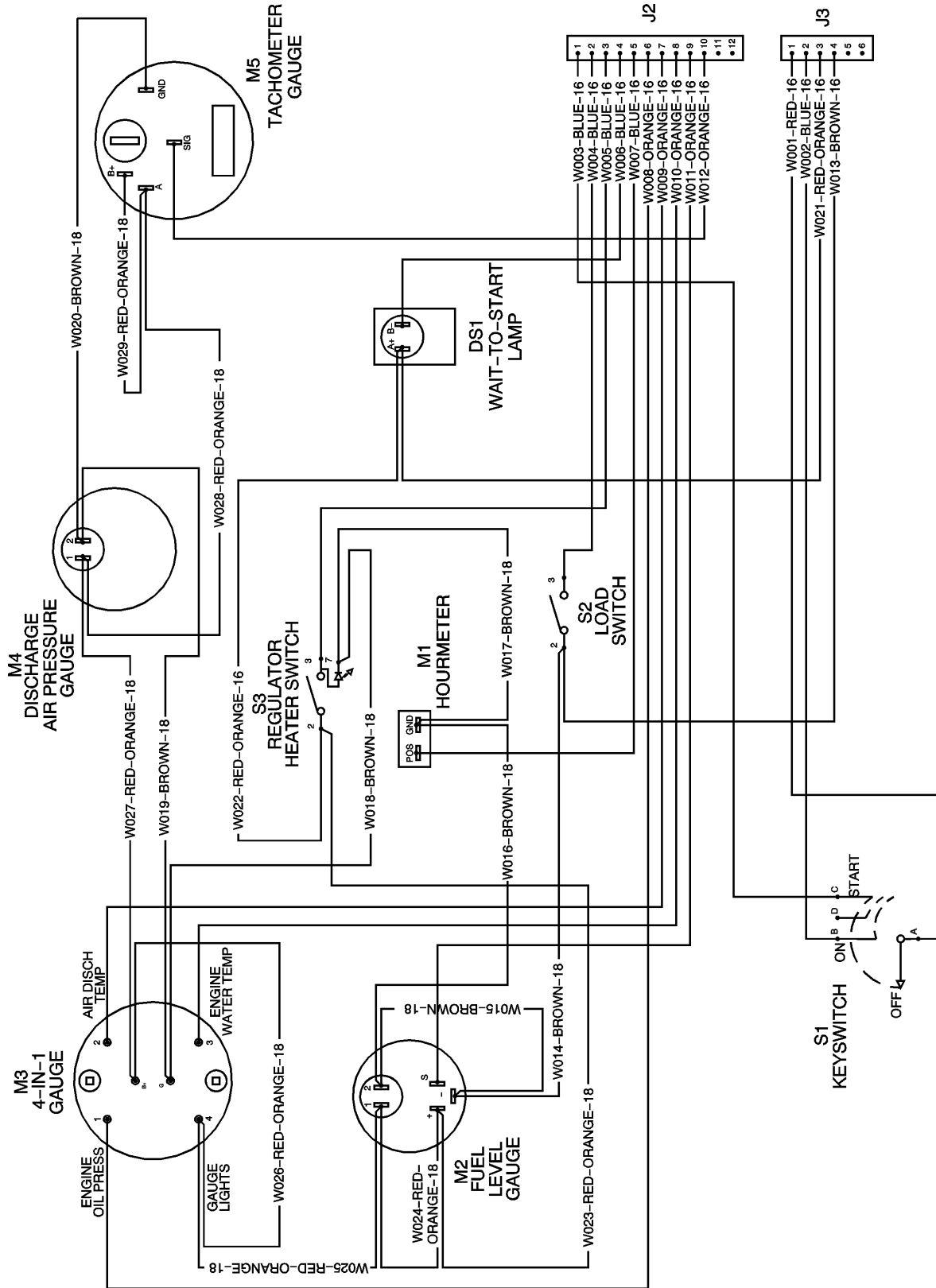
# CHASSIS HARNESS SCHEMATIC cont'd



22826218\_cp37\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------|-----|------------------|
|      |           |             |     |                  |

# INSTRUMENT PANEL HARNESS SCHEMATIC



22826218\_cp38\_03/06\_A

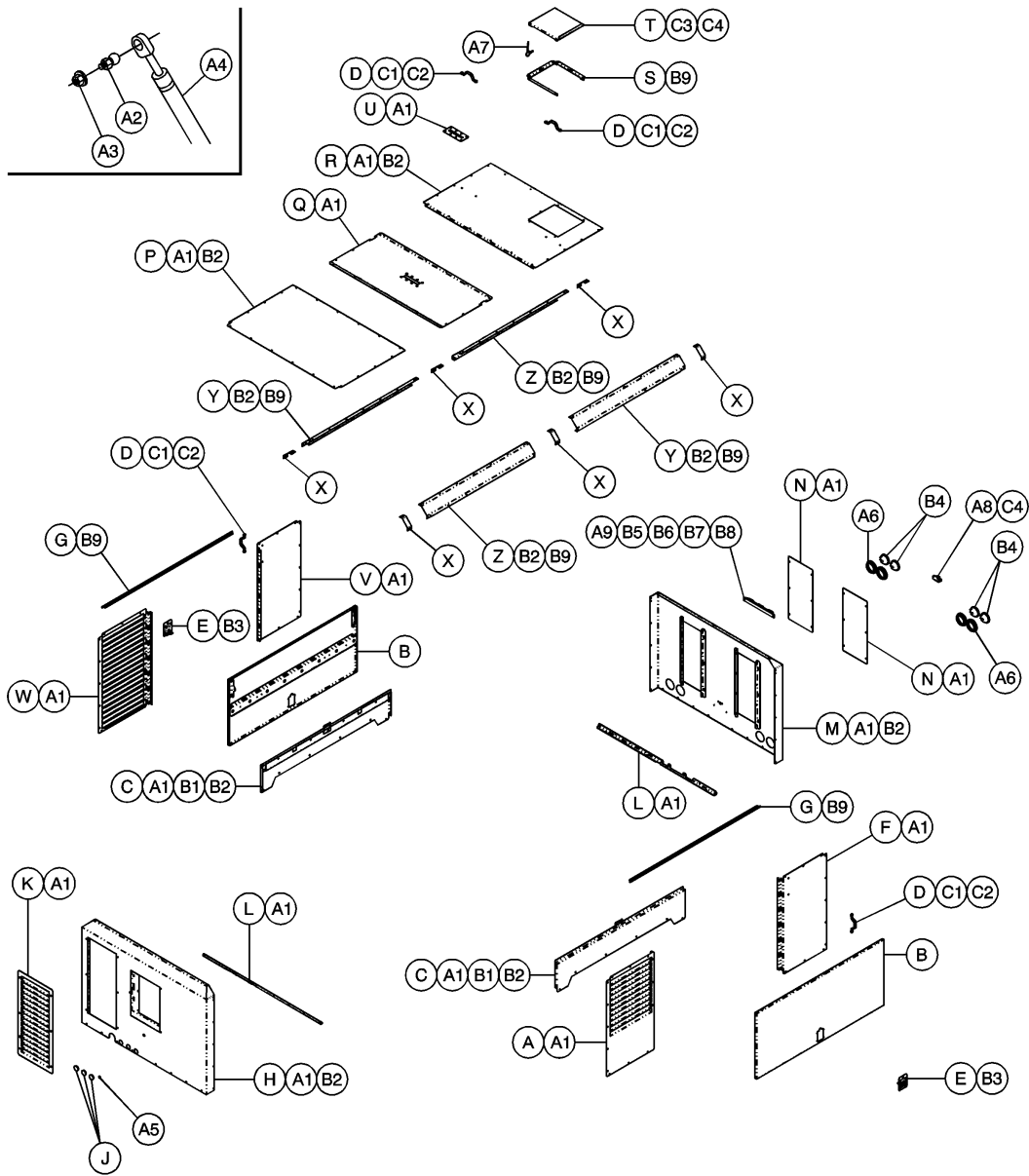
| ITEM | COMM. NO. | DESCRIPTION | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------|-----|------------------|
|      |           |             |     |                  |



## CHASSIS HARNESS SCHEMATIC PARTS

| ITEM   | COMM. NO. | DESCRIPTION                        | QTY | DIMENSIONS/NOTES |
|--------|-----------|------------------------------------|-----|------------------|
| G1     | 22616965  | ALTERNATOR, ENGINE                 | 1   |                  |
|        | 36793545  | Battery                            | 2   |                  |
|        | 35128982  | BATTERY CABLE, JUMPER              | 1   |                  |
|        | 22319735  | BATTERY CABLE, NEGATIVE            | 1   |                  |
|        | 23268105  | BATTERY CABLE, POS JUMPER          | 1   |                  |
|        | 54511282  | BATTERY CABLE, POSITIVE            | 1   |                  |
|        | 22101968  | CIRCUIT BREAKER, AIR INTAKE HEATER | 1   |                  |
| D1, D2 | 35376169  | DIODE PLUG                         | 2   |                  |
| M3     | 22056394  | GAUGE, 4-IN-1                      | 1   |                  |
| M4     | 36891216  | GAUGE, PRESSURE                    | 1   |                  |
| M2     | 22692602  | GAUGE, FUEL LEVEL                  | 1   |                  |
| M5     | 22055883  | GAUGE, TACHOMETER                  | 1   |                  |
|        | 22132153  | GROUND STRAP, ENGINE               | 1   |                  |
|        | 22132153  | GROUND STRAP, FRAME                | 1   |                  |
|        | 22785349  | HARNESS, AIR INTAKE HEATER         | 1   |                  |
|        | 22784698  | HARNESS, INSTRUMENT PANEL          | 1   |                  |
|        | 22770879  | HARNESS, MAIN CHASSIS              | 1   |                  |
| M1     | 22054175  | HOURLMETER                         | 1   |                  |
|        | 22633044  | INSTRUMENT PANEL ASSEMBLY          | 1   |                  |
| DS1    | 22050553  | LAMP, WAIT TO START                | 1   |                  |
| K3     | 36853521  | RELAY, AIR INTAKE HEATER           | 1   |                  |
| K1     | 36853521  | RELAY, STARTER SOLENOID            | 1   |                  |
| K2     | 36892362  | RELAY, SWITCHED POWER              | 1   |                  |
| RP1    | 36870608  | SENDER, ENGINE OIL PRESSURE        | 1   |                  |
| U1     | 22155451  | SENDER, FUEL LEVEL                 | 1   |                  |
| RT3    | 35604180  | SENDER, TEMPERATURE A/E            | 1   |                  |
| RT4    | 35604180  | SENDER, TEMPERATURE ENGINE         | 1   |                  |
| U2     | 22769186  | SENSOR, COOLANT LEVEL              | 1   |                  |
| G2     | 36785319  | SENSOR, MAG SPEED                  | 1   |                  |
| RT2    | 22806004  | SENSOR, TEMPERATURE A/E DISCHG     | 1   |                  |
| RT1    | 22806004  | SENSOR, TEMPERATURE SEP TANK       | 1   |                  |
| L1     | 36840841  | SOLENOID VALVE, START-RUN          | 1   |                  |
| L2     | 36881944  | SOLENOID VALVE, UNLOADER           | 1   |                  |
| B1     | 22345755  | STARTER, ENGINE                    | 1   |                  |
| S4, S5 | 36847838  | SWITCH, AIR FILTER RESTRICTION     | 2   |                  |
| S6     | 36757581  | SWITCH, AIREND OIL PRESSURE        | 1   |                  |
|        | 36896975  | SWITCH, BATT DISCONNECT            | 1   |                  |
| S1     | 22127385  | SWITCH, KEY START                  | 1   |                  |
| S2     | 22054076  | SWITCH, START-RUN                  | 1   |                  |
| PT2    | 36920825  | TRANSDUCER, REGULATION PRESSURE    | 1   |                  |
| PT1    | 54496773  | TRANSDUCER, SEP TANK PRESSURE      | 1   |                  |
|        | 22173579  | WEDGE CONTROLLER                   | 1   |                  |
|        | 89303135  | OPTION - EMERGENCY STOP CONTACT    | 2   |                  |
|        | 89303127  | OPTION - EMERGENCY STOP OPERATOR   | 1   |                  |
|        | 22842256  | OPTION - EMERGENCY STOP HARNESS    | 1   |                  |

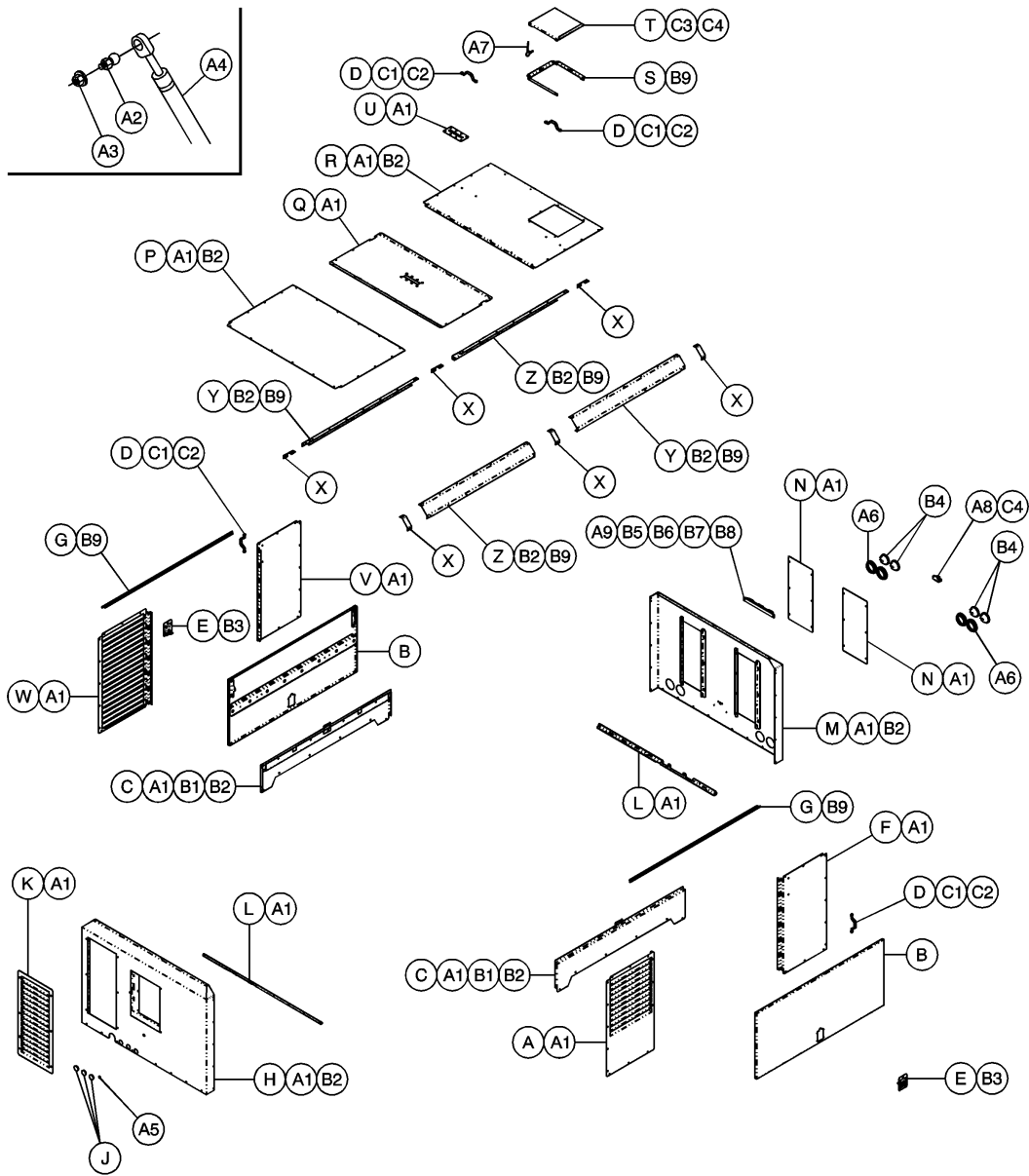
## EXTERNAL ENCLOSURE



22826218\_cp40\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION       | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------|-----|------------------|
| A    | 22201578  | Grill, Left Front | 1   |                  |
| B    | 22211163  | Door, Side        | 2   |                  |
| C    | 22208284  | Panel, Lower Side | 2   |                  |
| D    | 35130707  | Handle            | 4   |                  |
| E    | 36793602  | Latch Assembly    | 2   |                  |
| F    | 22197818  | Panel, Left Rear  | 1   |                  |
| G    | 92912419  | Hinge, Door       | 2   |                  |
| H    | 22622435  | Panel, Front End  | 1   |                  |
| J    | 35310622  | Plugs, Hole       | 3   |                  |
| K    | 22202063  | Grill, Front End  | 1   |                  |
| L    | 22207930  | Brace, End Panel  | 2   |                  |
| M    | 22197479  | Panel, Rear End   | 1   |                  |

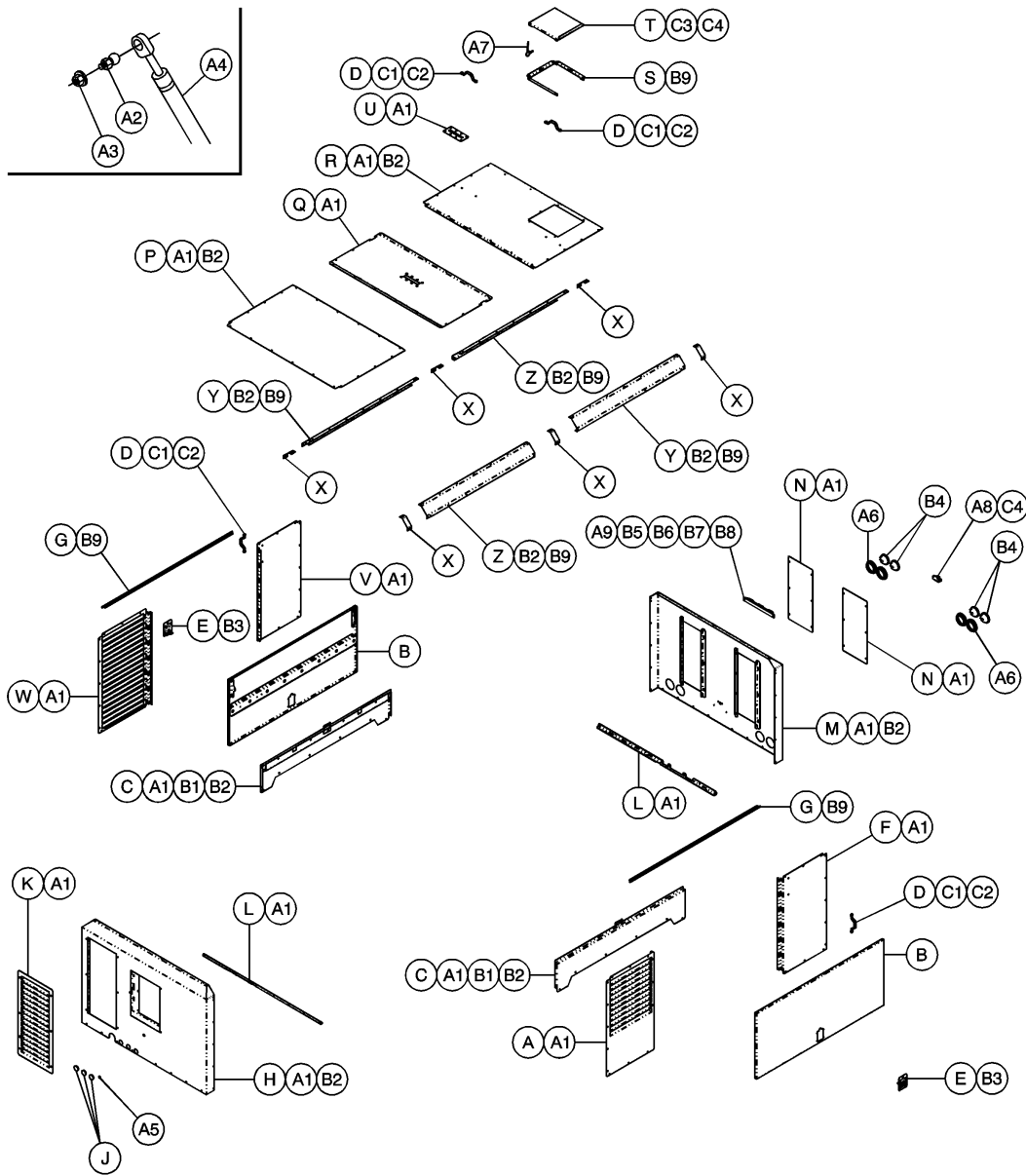
## EXTERNAL ENCLOSURE cont'd



22826218\_cp40\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION        | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------|-----|------------------|
| N    | 22300248  | Cover, End Panel   | 2   |                  |
| P    | 22208300  | Panel, Front Top   | 1   |                  |
| Q    | 22237564  | Panel, Top Middle  | 1   |                  |
| R    | 22199020  | Panel, Top Rear    | 1   |                  |
| S    | 22243307  | Frame, Door        | 1   |                  |
| T    | 22243273  | Door               | 1   |                  |
| U    | 22208946  | Cover, Lift Bail   | 1   |                  |
| V    | 22197495  | Panel, Right Rear  | 1   |                  |
| W    | 22203681  | Grill, Right Front | 1   |                  |
| X    | 36755742  | Filler, Side Rail  | 6   |                  |
| Y    | 22198188  | Rail, Top Side     | 2   |                  |
| Z    | 22198444  | Rail, Top Side     | 2   |                  |

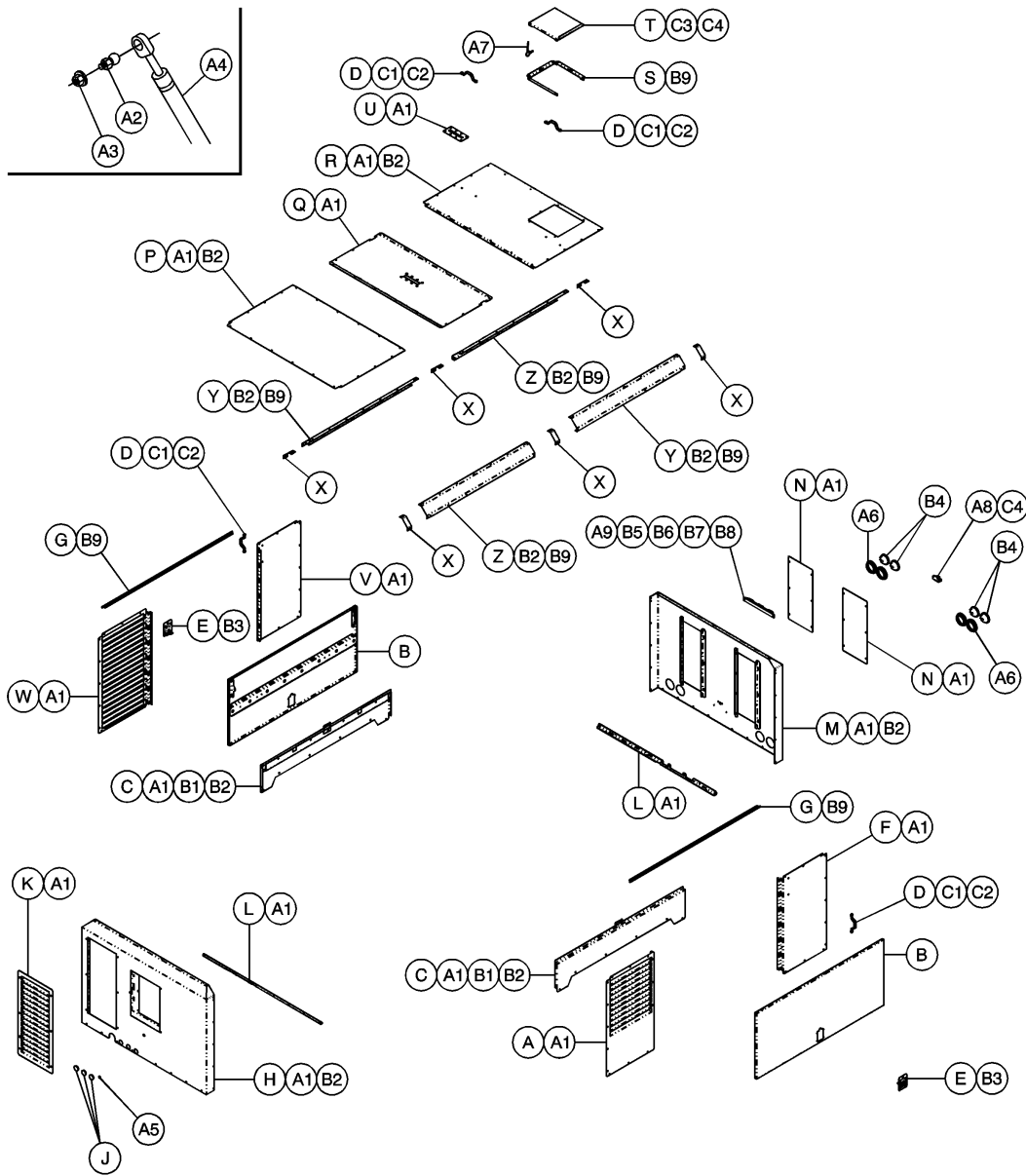
## EXTERNAL ENCLOSURE cont'd



22826218\_cp40\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A1   | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 165 |                  |
| A2   | 35337328  | Stud, Hex Ball M08             | 8   |                  |
| A3   | 36881886  | Nut, Hex M08.1.25              | 8   |                  |
| A4   | 36844355  | Spring, Gas                    | 4   |                  |
| A5   | 22312599  | Plug                           | 1   |                  |
| A6   | 36787968  | Grommet                        | 4   |                  |
| A7   | 35278720  | Pin, Quick Release Chain and   | 1   |                  |
| A8   | 36881910  | Light, License Plate           | 1   |                  |
| A9   | 36922144  | Light, Identification          | 1   |                  |
| B1   | 22068373  | Seal, Door                     | 12' |                  |
| B2   | 36895746  | Nutsert, Hex M08               | 126 |                  |
| B3   | 36794816  | Rivet                          | 8   |                  |

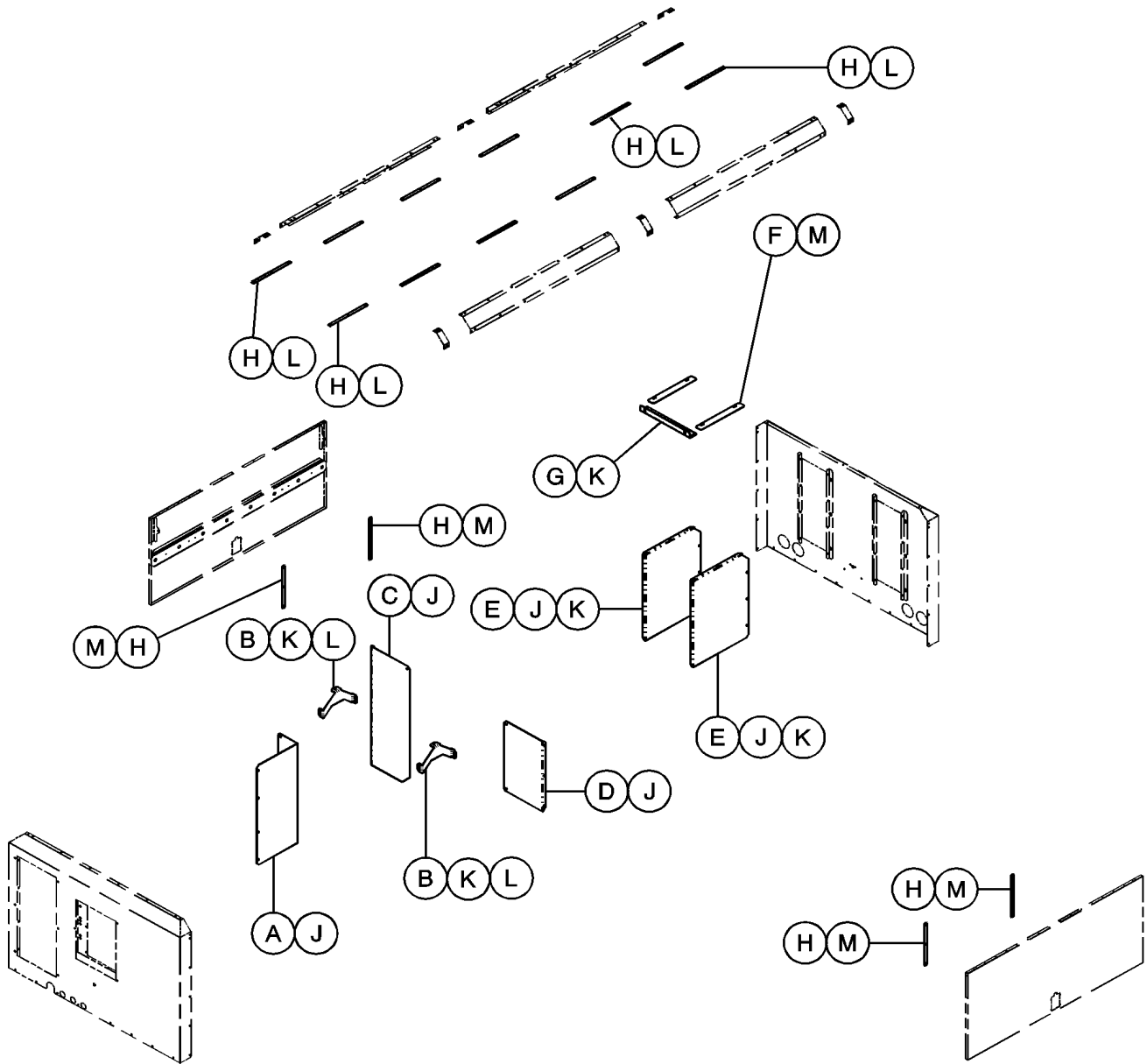
## EXTERNAL ENCLOSURE cont'd



22826218\_cp40\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                        | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------------------------|-----|------------------|
| B4   | 36788081  | Light, Combo                       | 4   |                  |
| B5   | 35306141  | Connector                          | 1   |                  |
| B6   | 95922134  | Screw, Slotted Rd Head #10-24 X 1" | 2   |                  |
| B7   | 95938692  | Washer, External Star #10          | 2   |                  |
| B8   | 35265388  | Nut, Hex Lock Washer #10-24        | 2   |                  |
| B9   | 36797652  | Screw, Tapping M06-1.0 X 12        | 33  |                  |
| C1   | 36889608  | Screw, Hex Flange M08-1.25 X 25    | 8   |                  |
| C2   | 36881886  | Nut, Hex Flange M08-1.25           | 8   |                  |
| C3   | 36769032  | Nut, Hex Lock M06-1.0              | 2   |                  |
| C4   | 35300771  | Screw, Tapping M06-1.0 X 20        | 3   |                  |

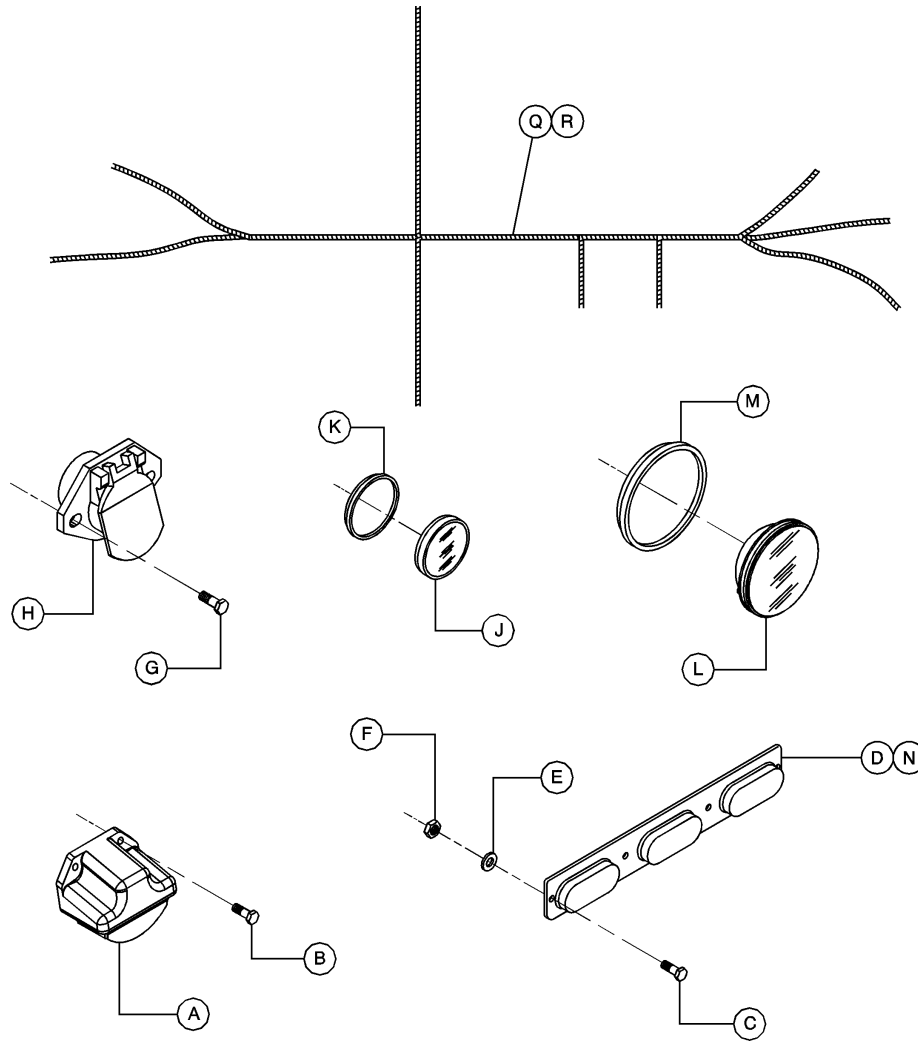
## INTERIOR ENCLOSURE



22826218\_cp41\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                              | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------------------------------|-----|------------------|
| A    | 22301089  | Baffle, Front Air Intake                 | 1   |                  |
| B    | 22336184  | Bracket, Intake Baffle                   | 2   |                  |
| C    | 22301048  | Baffle, Right Front Air Intake           | 1   |                  |
| D    | 22301097  | Baffle, Left Front Air Intake            | 1   |                  |
| E    | 22301105  | Baffle, Exhaust                          | 2   |                  |
| F    | 22301717  | Plate, Baffle                            | 2   |                  |
| G    | 22301113  | Bracket, Baffle Mounting                 | 1   |                  |
| H    | 54718184  | Strap, Foam Retention                    | 15  |                  |
| J    | 36895746  | Nutsert, Hex M08                         | 20  |                  |
| K    | 35279025  | Screw, Tapping M08 - 1.25 X 20           | 12  |                  |
| L    | 54519202  | Screw, Slotted Hex 1/4-10 X 3/4" Type AB | 13  |                  |
| M    | 36797652  | Screw, Tapping M06-1.0 X 12              | 8   |                  |

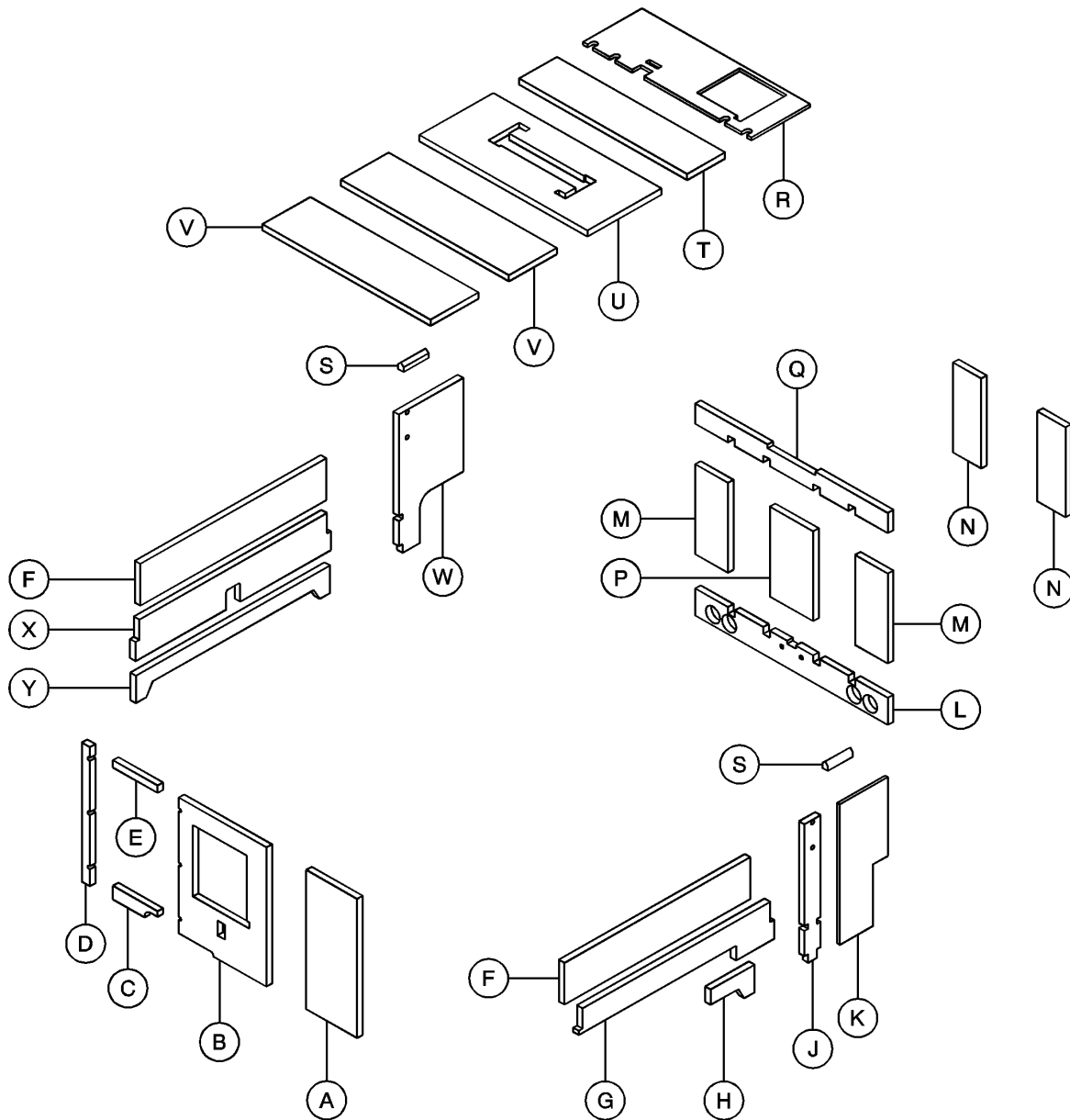
## LIGHTS and CONNECTOR



22826218\_cp42\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                        | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------------------------|-----|------------------|
| A    | 36881910  | Light, License Plate               | 1   | Not Shown        |
| B    | 35300771  | Screw, Tapping M06-1.0 X 20        | 2   |                  |
| C    | 95922134  | Screw, Slotted Rd Head #10-24 X 1" | 2   |                  |
| D    | 36922144  | 3 - Light Assembly                 | 1   |                  |
| E    | 95938692  | Washer, External Tooth Lock        | 2   |                  |
| F    | 35265388  | Nut, Hex Lock Washer #10-24        | 2   |                  |
| G    | 35279025  | Screw, Tapping M08 - 1.25 X 20     | 2   |                  |
| H    | 36894129  | Connector, 7 - Way                 | 1   |                  |
| J    | 35367044  | Red Light Assembly                 | 4   |                  |
|      | 35367051  | Yellow Light Assembly              | 4   |                  |
| K    | 36893634  | Grommet                            | 8   |                  |
| L    | 36788081  | Stop, Turn, Tail Light Assembly    | 4   |                  |
| M    | 36787968  | Grommet, Screw                     | 4   |                  |
| N    | 35306141  | Connector                          | 1   |                  |
| P    | 36794774  | Grommet, License Plate Screw       | 2   |                  |
| Q    | 35225077  | Clamp, Support                     | 11  |                  |
| R    | 22747786  | Harness, Electric Brake Light      | 1   |                  |

## EXTERNAL ENCLOSURE FOAM INSULATION

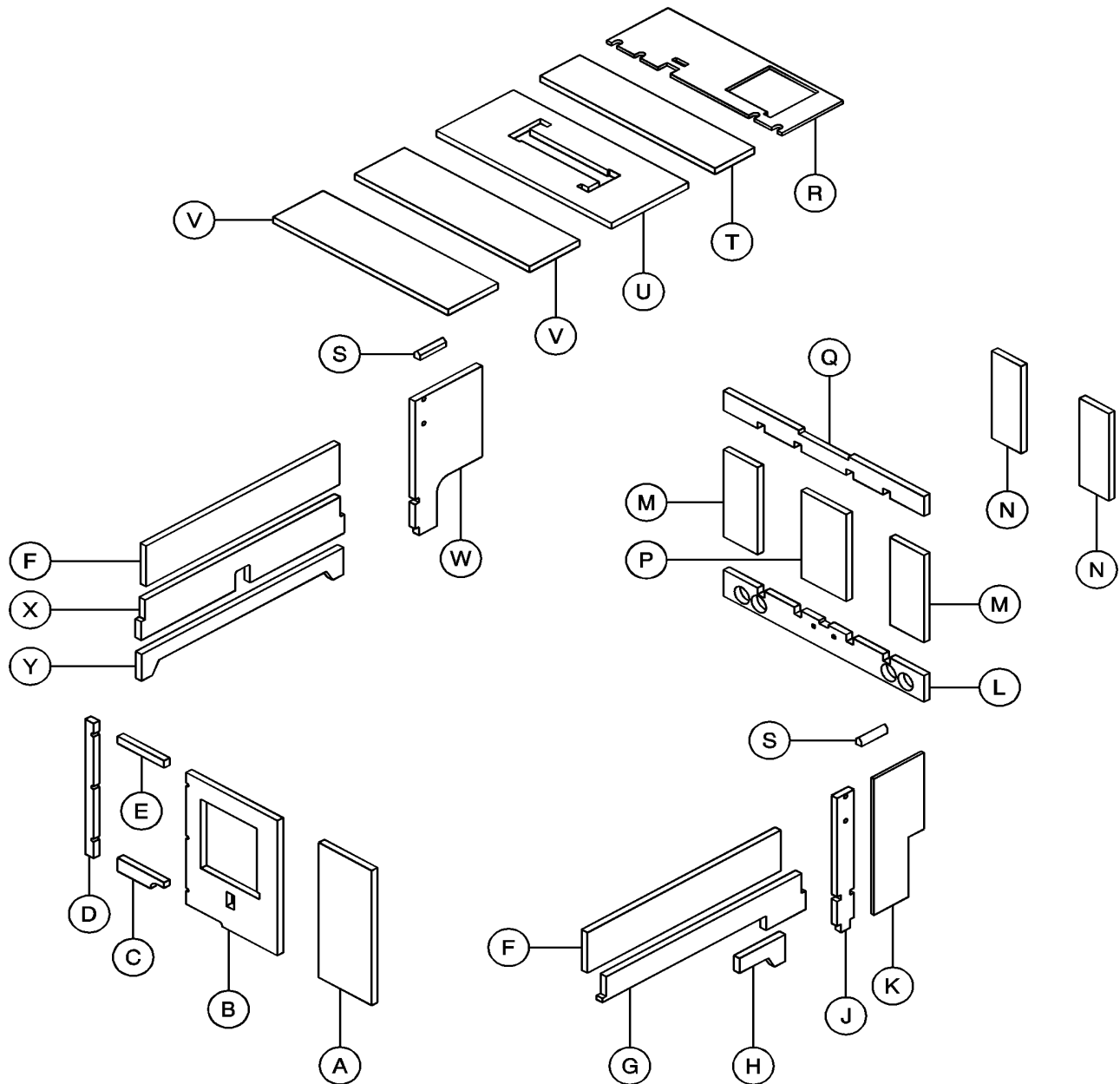


22826218\_cp43\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION           | QTY | DIMENSIONS/NOTES |
|------|-----------|-----------------------|-----|------------------|
| A    | 22305536  | Foam, Front           | 1   |                  |
| B    | 22674014  | Foam, Front           | 1   |                  |
| C    | 22252282  | Foam, Front           | 1   |                  |
| D    | 22252308  | Foam, Front           | 1   |                  |
| E    | 22252290  | Foam, Front           | 1   |                  |
| F    | 22252191  | Foam, Door            | 2   |                  |
| G    | 22255707  | Foam, Left Door       | 1   |                  |
| H    | 22252373  | Foam, Left Side       | 1   |                  |
| J    | 22305973  | Foam, Left Side       | 1   |                  |
| K    | 22252365  | Fiberglass, Left Side | 1   |                  |
| L    | 22252340  | Foam, Rear            | 1   |                  |
| M    | 22252316  | Foam, Rear            | 2   |                  |



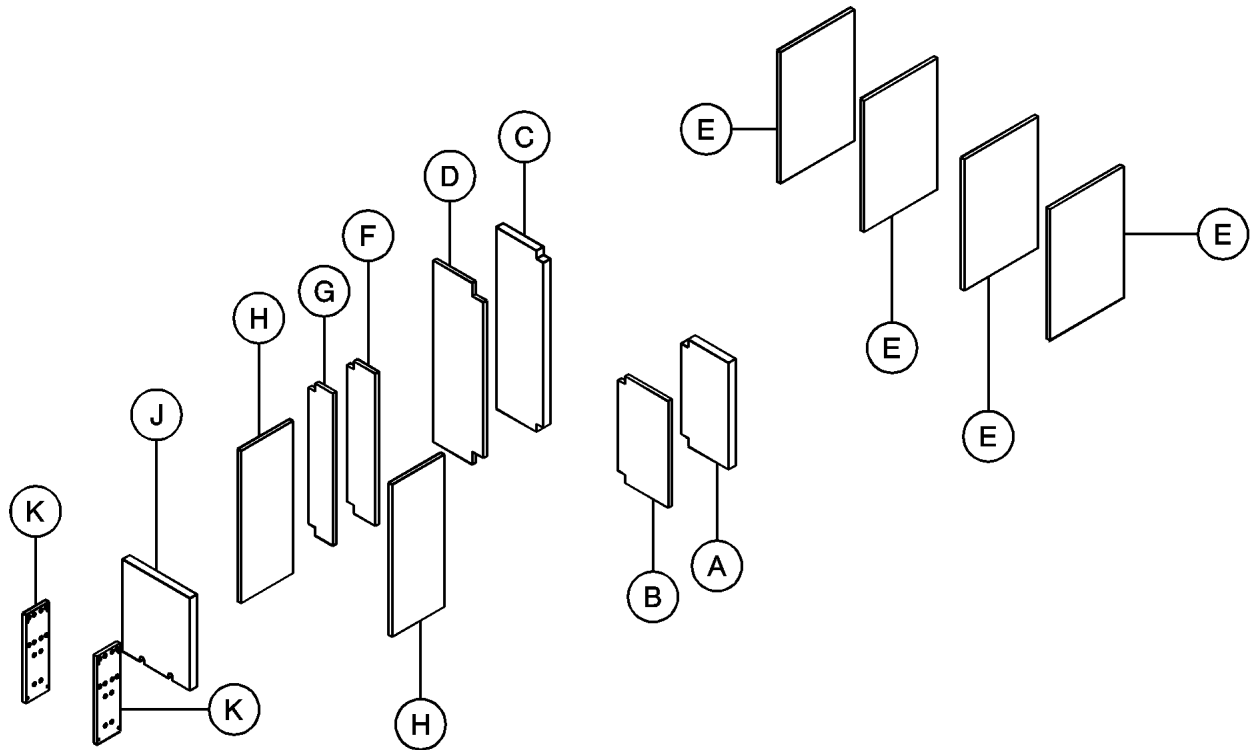
# EXTERNAL ENCLOSURE FOAM INSULATION cont'd



22826218\_cp43\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION      | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------|-----|------------------|
| N    | 22305528  | Foam, Rear       | 2   |                  |
| P    | 22252324  | Foam, Rear       | 1   |                  |
| Q    | 22252357  | Foam, Rear       | 1   |                  |
| R    | 22745467  | Foam, Top        | 1   |                  |
| S    | 22745558  | Foam, Top        | 2   |                  |
| T    | 22252241  | Foam, Top        | 1   |                  |
| U    | 22252233  | Foam, Top        | 1   |                  |
| V    | 22252258  | Foam, Top        | 2   |                  |
| W    | 22252399  | Foam, Right Side | 1   |                  |
| X    | 22252209  | Foam, Right Door | 1   |                  |
| Y    | 22252381  | Foam, Right Side | 1   |                  |

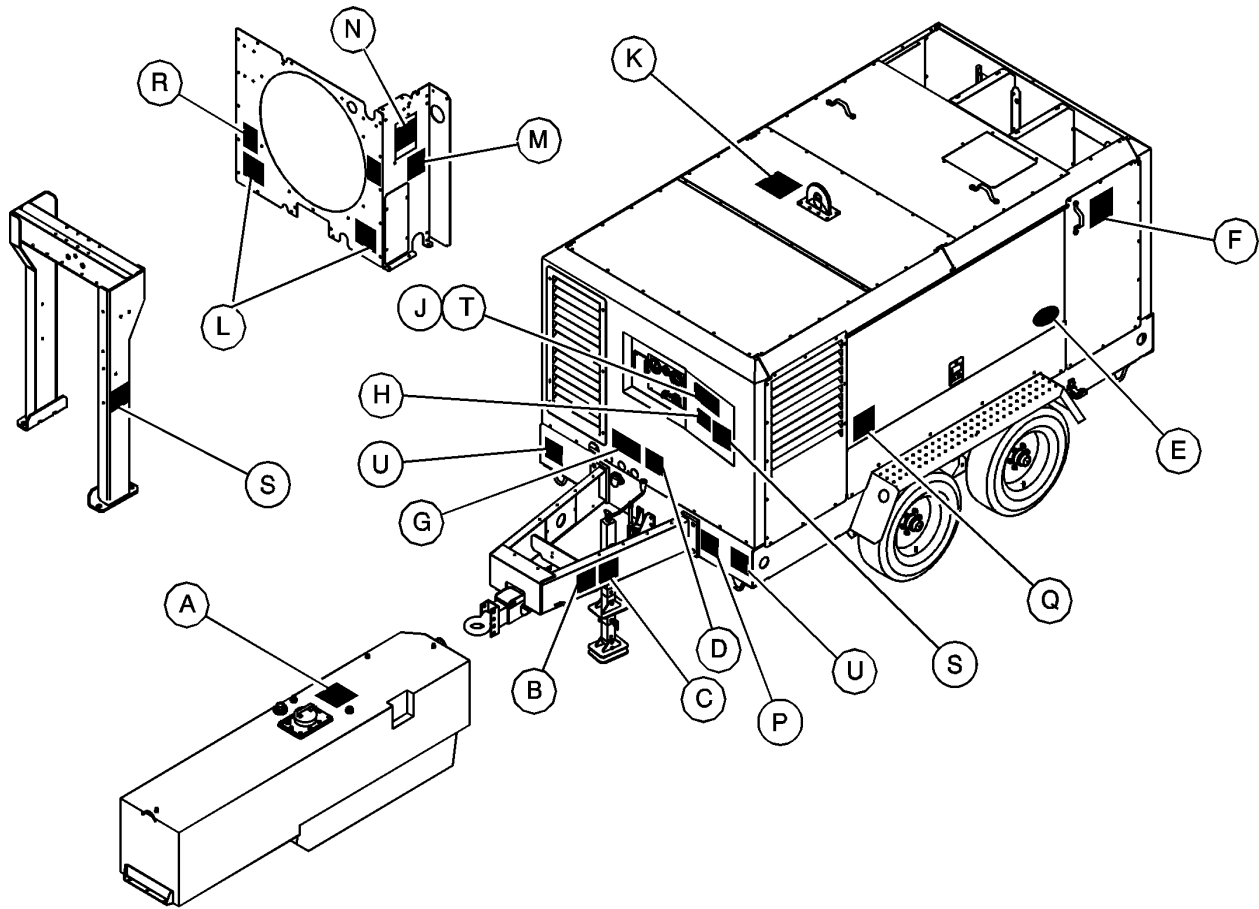
## INTERNAL ENCLOSURE FOAM INSULATION



22826218\_cp44\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION       | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------|-----|------------------|
| A    | 22305544  | Foam, Front       | 1   |                  |
| B    | 22306062  | Foam, Front       | 1   |                  |
| C    | 22306112  | Foam, Baffle      | 1   |                  |
| D    | 22306120  | Foam, Baffle      | 1   |                  |
| E    | 22305551  | Foam, Baffle      | 4   |                  |
| F    | 22306096  | Foam, Baffle      | 1   |                  |
| G    | 22306104  | Foam, Baffle      | 1   |                  |
| H    | 22306088  | Foam, Baffle      | 2   |                  |
| J    | 22674022  | Foam, Inst. Panel | 1   |                  |
| K    | 22736607  | Foam, Inst. Panel | 2   |                  |

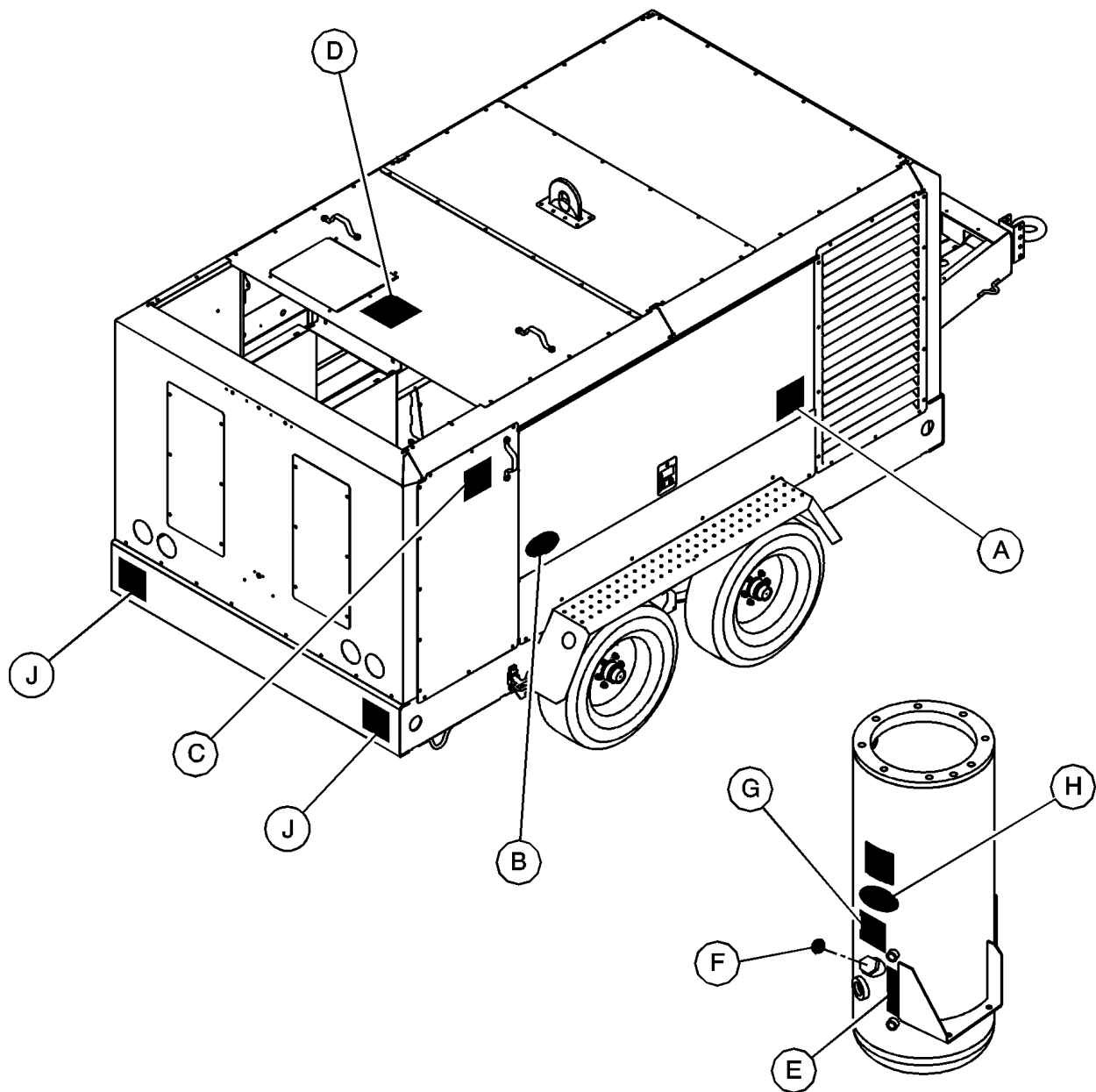
## STREET SIDE DECAL LOCATION



22826218\_cp45\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                        | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------------------------|-----|------------------|
| A    | 54625207  | Diesel Fuel Decal                  | 1   |                  |
| B    | 54604921  | Tow Chains Decal                   | 1   |                  |
| C    | 54568803  | Collapsing Jack Decal              | 1   |                  |
| D    | 36514602  | Noise Emission Decal               | 1   |                  |
| E    | 54640024  | Genuine Parts Decal                | 1   |                  |
| F    | 22298343  | Fall Off Unit Decal                | 1   |                  |
| G    | 54629902  | 3 - Part Warning Decal             | 1   |                  |
| H    | 54568787  | Improper Operation Decal           | 1   |                  |
| J    | 22155600  | Operating Instructions Decal       | 1   |                  |
| K    | 54699400  | Lifting Point Decal                | 1   |                  |
| L    | 54568779  | Rotating Fan Decal                 | 2   |                  |
| M    | 36529691  | Clean Coolers Decal (Both Sides)   | 2   |                  |
| N    | 22334916  | Hot Surface Decal                  | 1   |                  |
| P    | 36531176  | Vin Decal                          | 1   |                  |
| Q    | 54413117  | Galvaneal Decal (Galvaneal Option) | 1   |                  |
| R    | 54568753  | Battery Gas Decal                  | 1   |                  |
| S    | 54454756  | No Ether Decal                     | 2   |                  |
| T    | 22299051  | Operating Instructions Symbols     | 1   |                  |
| U    | 54749205  | No Weld Decal                      | 2   |                  |

## CURB SIDE DECAL LOCATION



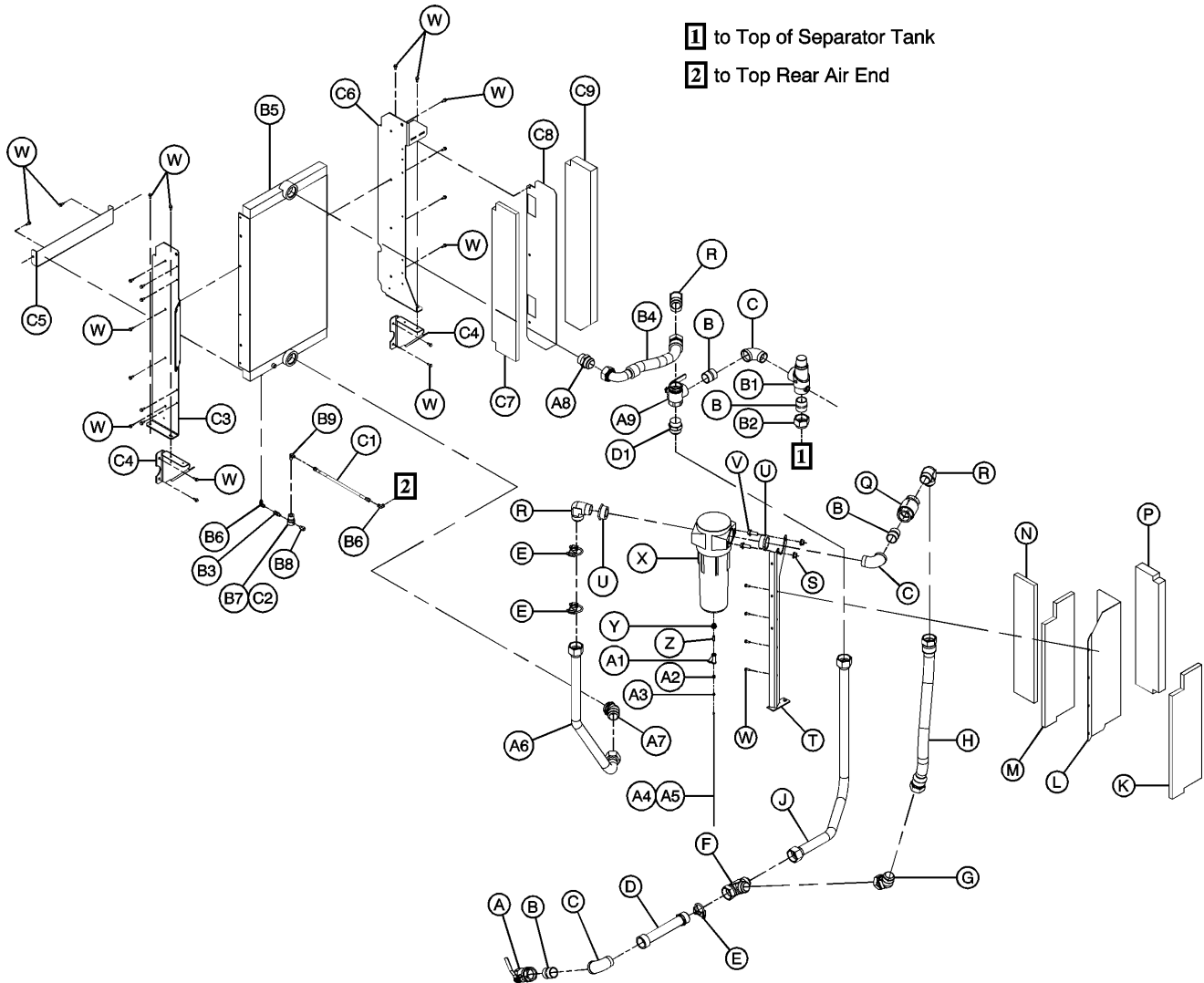
22826218\_cp46\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                        | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------------------------|-----|------------------|
| A    | 54413117  | Galvaneal Decal (Galvaneal Option) | 1   |                  |
| B    | 54640024  | Genuine Parts Decal                | 1   |                  |
| C    | 22298343  | Fall Off Unit Decal                | 1   |                  |
| D    | 54568761  | Hot Pressurized Fluid Decal        | 1   |                  |
| E    | 22383319  | Oil Level Decal                    | 1   |                  |
| F    | 54604970  | Oil Fill Plug Decal                | 1   |                  |
| G    | 54568795  | High Pressure Air Decal            | 1   |                  |
| H    | 54640164  | Air End Warranty Decal             | 1   |                  |
| J    | 54749205  | No Weld Decal                      | 2   |                  |

## **Section C - OPTION PARTS**



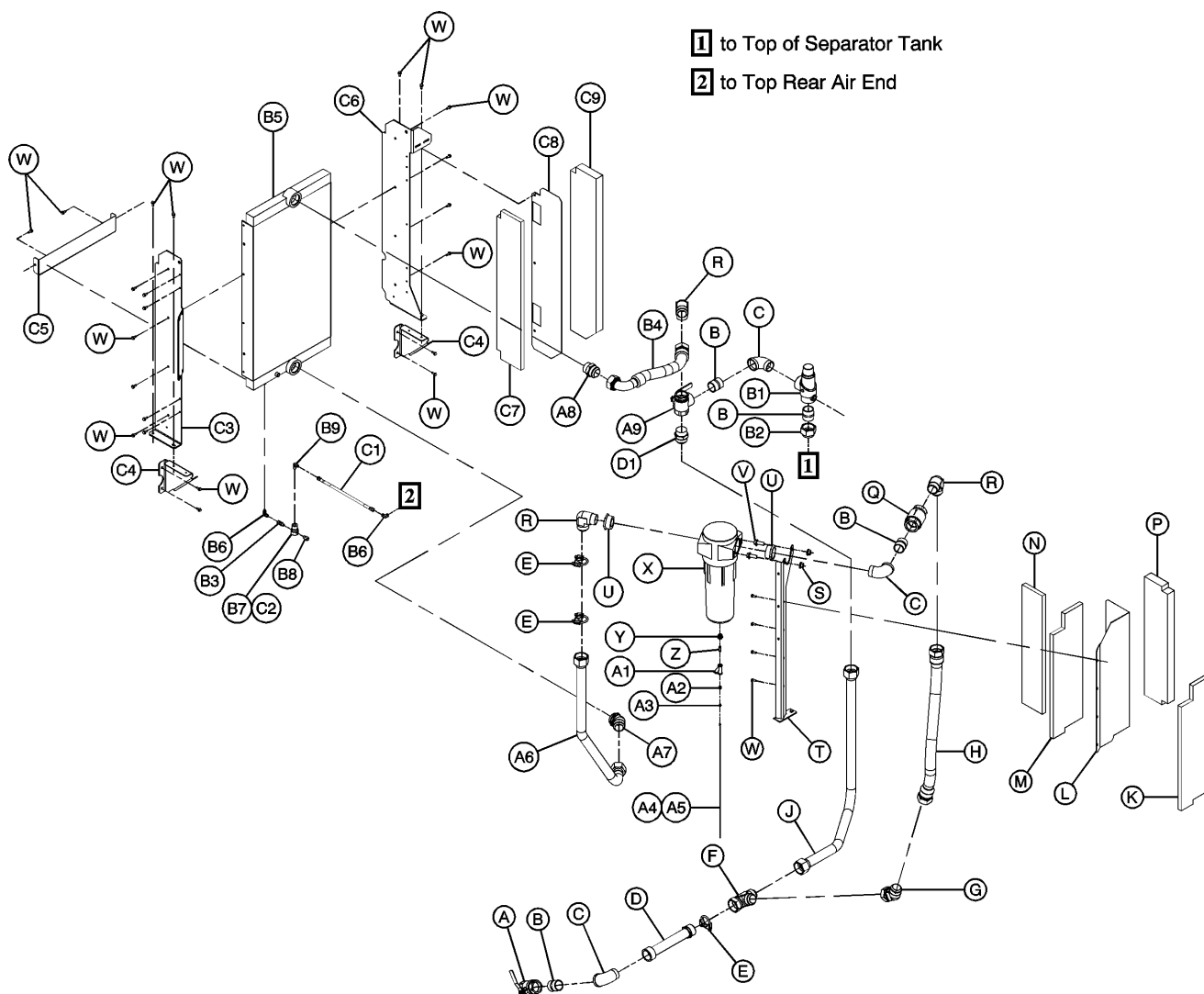
## AFTERCOOLER with WATER SEPARATOR



22826218\_option\_op01\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                   | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------|-----|------------------|
| A    | 35602473  | Valve, 2" NPT Ball            | 1   |                  |
| B    | 95953790  | Nipple, Short 2" NPT X 2.50"  | 4   |                  |
| C    | 95944674  | Elbow, Street 90° 2" NPT      | 3   |                  |
| D    | 22223879  | Tube Assembly                 | 1   |                  |
| E    | 35192178  | Clamp, Saddle 2.0"            | 3   |                  |
| F    | 95976965  | Tee, -32 JIC Swivel Nut Run   | 1   |                  |
| G    | 95871448  | Elbow, 45° -32 JIC Swivel Nut | 1   |                  |
| H    | 35256122  | Hose Assembly                 | 1   |                  |
| J    | 22223853  | Tube Assembly, Service        | 1   |                  |
| K    | 22414742  | Foam, Acoustic                | 1   |                  |
| L    | 22390447  | Baffle, Air Intake            | 1   |                  |
| M    | 22414734  | Foam, Acoustic                | 1   |                  |
| N    | 22414726  | Foam, Acoustic                | 1   |                  |

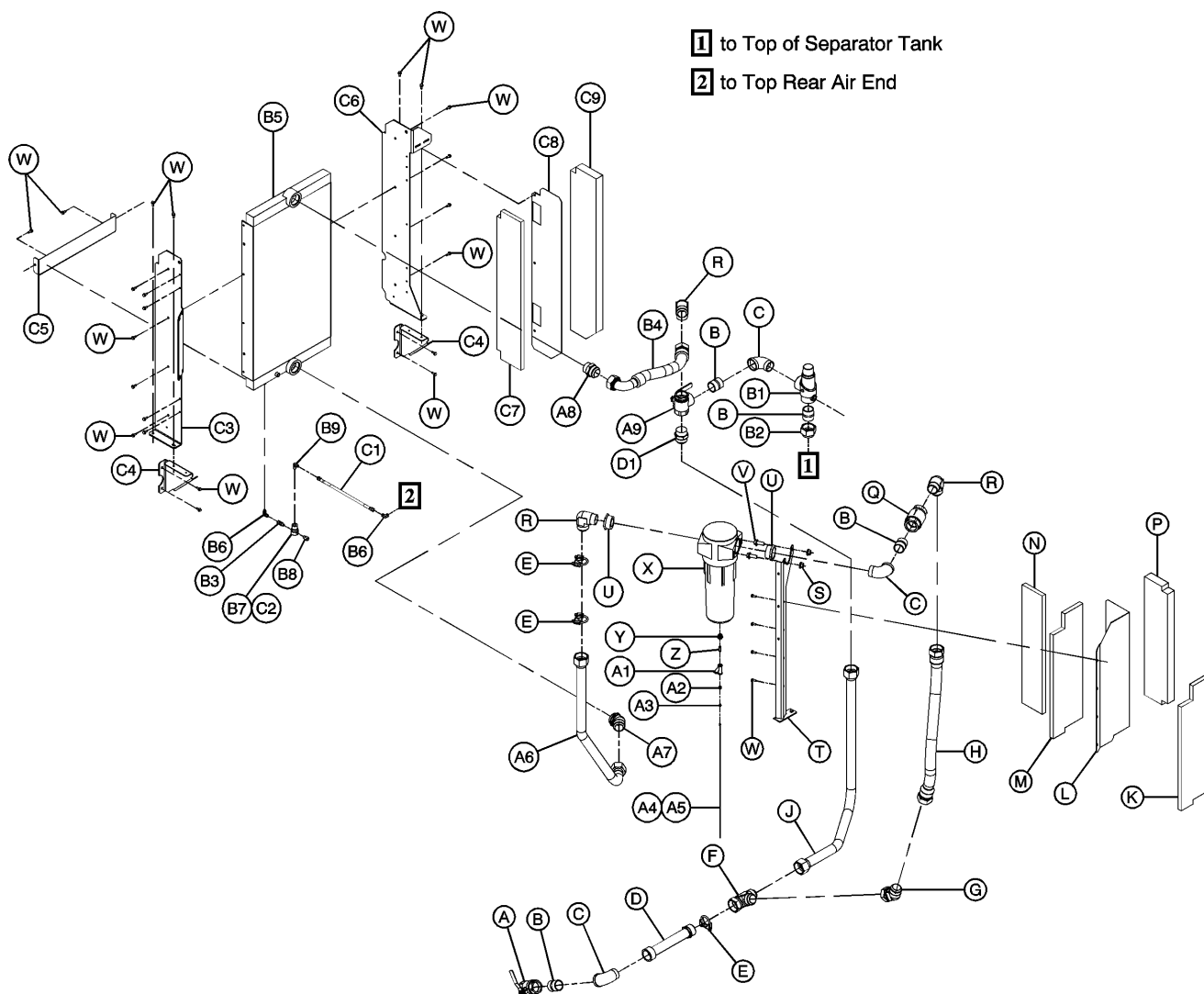
## AFTERCOOLER with WATER SEPARATOR cont'd



22826218\_option\_op01\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                           | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------------|-----|------------------|
| P    | 22414718  | Foam, Acoustic                        | 1   |                  |
| Q    | 36920221  | Valve, Check                          | 1   |                  |
| R    | 36786127  | Elbow, 90° 2" NPT X -32 Jic           | 3   |                  |
| S    | 36879211  | Nut, Hex Flange M16-2.0               | 2   |                  |
| T    | 22393292  | Support, Water Separator              | 1   |                  |
| U    | 95953907  | Bushing, Reducing 2.5" NPT X 2.0" NPT | 2   |                  |
| V    | 35375385  | Screw, Hex M16-2.0 X 40               | 2   |                  |
| W    | 35279025  | Screw, Tapping M08 - 1.25 X 20        | 27  |                  |
| X    | 22231971  | Water Separator                       | 1   |                  |
| Y    | 95245353  | Bushing, Reducing 1/2" NPT X 3/8" NPT | 1   |                  |
| Z    | 95772562  | Nipple, Close 3/8" NPT X 1.0"         | 1   |                  |
| A1   | 36844579  | Y-Strainer, 3/8" NPT                  | 1   |                  |
| A2   | 95940748  | Bushing, Reducing 3/8" NPT X 1/4" NPT | 1   |                  |

## AFTERCOOLER with WATER SEPARATOR cont'd

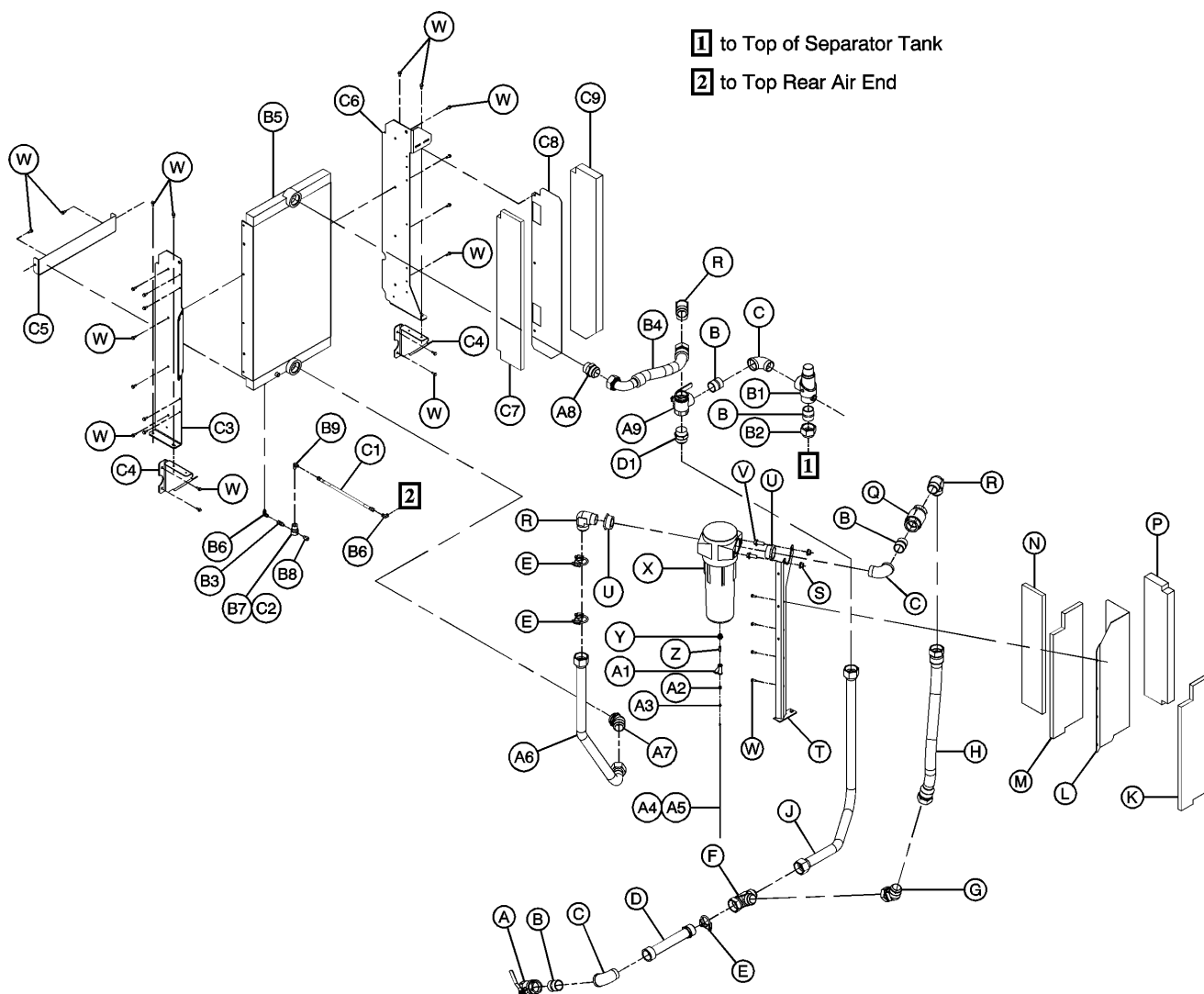


22826218\_option\_op01\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                          | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------------|-----|------------------|
| A3   | 37081528  | Orifice, .063"                       | 1   |                  |
| A4   | 35369347  | Connector, Male 1/4" NPT X 3/8" Tube | 1   |                  |
| A5   | 35356484  | Tubing, 3/8" Synflex                 | 50" |                  |
| A6   | 22223861  | Tube Assembly                        | 1   |                  |
| A7   | 95944732  | Elbow, 45° 2.5-12 X -32 JIC          | 1   |                  |
| A8   | 35356500  | Connector, 2.5-12 X -32 JIC          | 1   |                  |
| A9   | 36922987  | Valve, 3-Way                         | 1   |                  |
| B1   | 22217848  | Valve, Minimum Pressure              | 1   |                  |
| B2   | 95944641  | Adapter, 2.5-12 X 2.0" NPT           | 1   |                  |
| B3   | 35367846  | Connector, 1/4" NPT X -6 JIC         | 1   |                  |
| B4   | 22410211  | Hose Assembly                        | 1   |                  |
| B5   | 22222442  | Aftercooler                          | 1   |                  |
| B6   | 35279827  | Elbow, 90° 9/16-18 X -6 JIC          | 2   |                  |



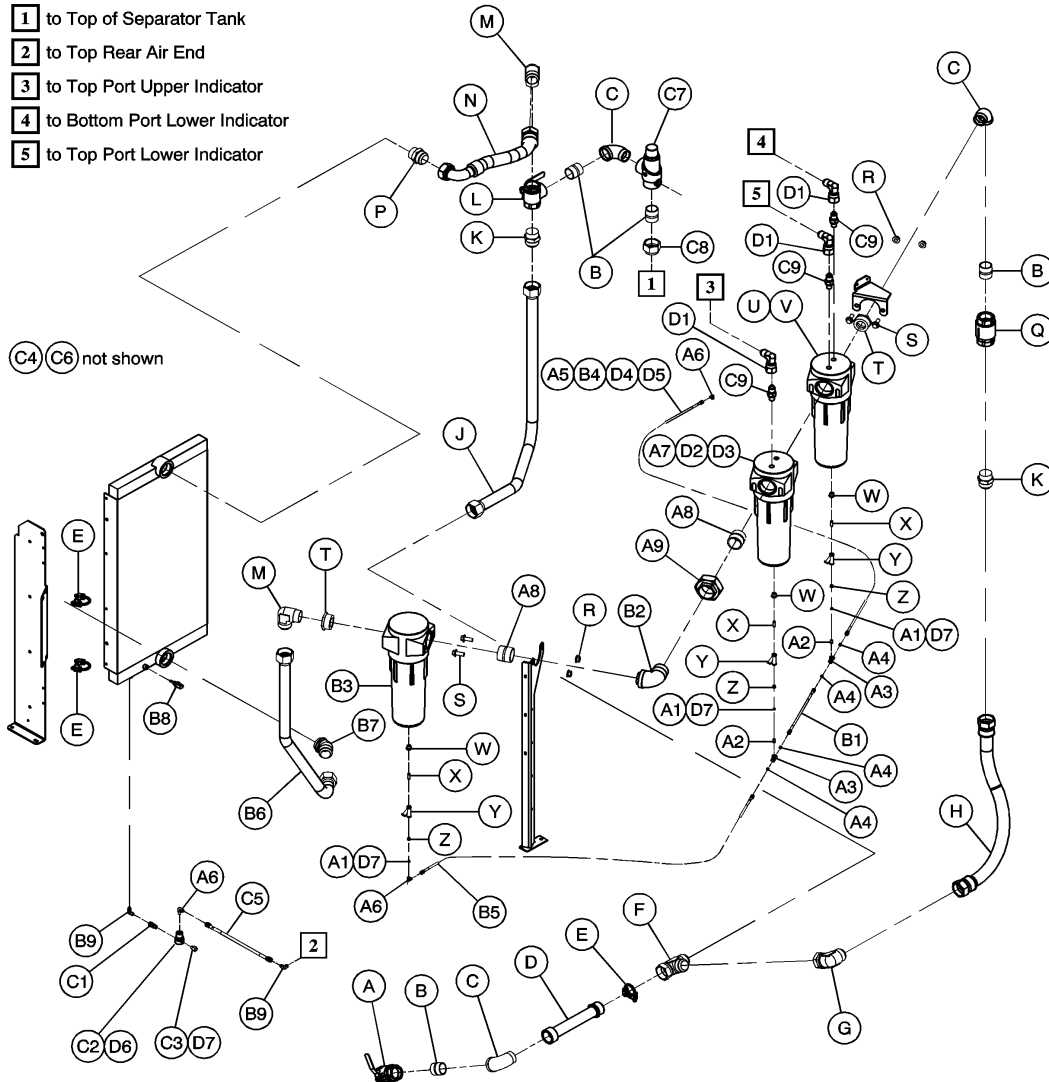
## AFTERCOOLER with WATER SEPARATOR cont'd



22826218\_option\_op01\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                      | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------------|-----|------------------|
| B7   | 35322379  | Valve, Blowdown                  | 1   |                  |
| B8   | 35248319  | Orifice, .094"                   | 1   |                  |
| B9   | 35279934  | Elbow, 90° 1/4" NPT X -6 JIC     | 1   |                  |
| C1   | 35284538  | Hose Assembly                    | 1   |                  |
| C2   | 35379064  | Kit, Diaphragm Repair            | AR  |                  |
| C3   | 22390421  | Support, Aftercooler             | 1   |                  |
| C4   | 22395420  | Support, Aftercooler             | 2   |                  |
| C5   | 22395321  | Baffle, Air Restriction          | 1   |                  |
| C6   | 22390439  | Support, Aftercooler             | 1   |                  |
| C7   | 22414767  | Foam, Acoustic                   | 1   |                  |
| C8   | 22395586  | Baffle, Air Intake               | 1   |                  |
| C9   | 22414759  | Foam, Acoustic                   | 1   |                  |
| D1   | 35335124  | Connector, Male 2" NPT X -32 JIC | 1   |                  |

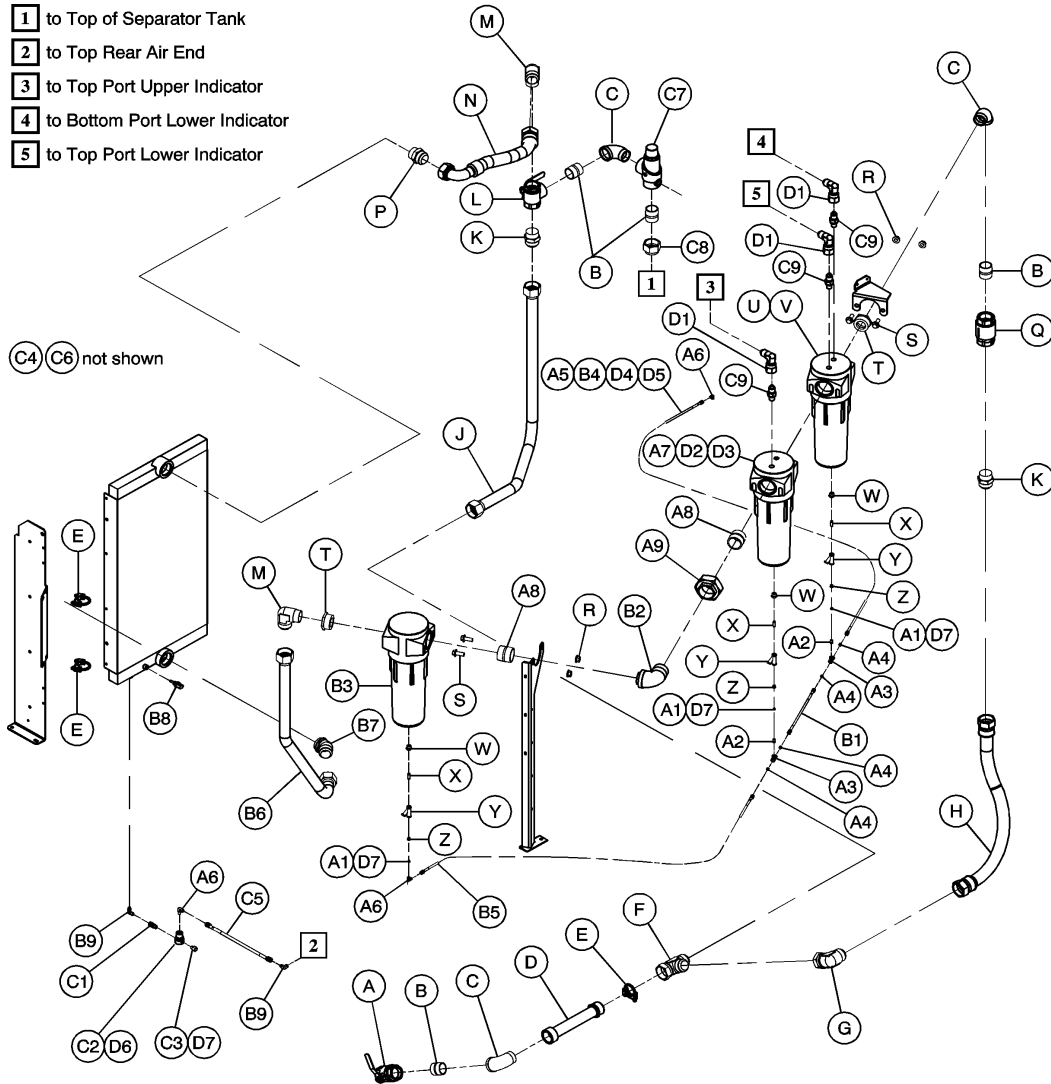
## IQ AFTERCOOLER PIPING



22826218\_option\_op02\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                      | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------------|-----|------------------|
| A    | 35602473  | Valve, 2" NPT Ball               | 1   |                  |
| B    | 95953790  | Nipple, Short 2" NPT X 2.50"     | 4   |                  |
| C    | 95944674  | Elbow, Street 90° 2" NPT         | 3   |                  |
| D    | 22223879  | Tube Assembly                    | 1   |                  |
| E    | 35192178  | Clamp, Saddle 2.0"               | 3   |                  |
| F    | 95976965  | Tee, -32 JIC Swivel Nut Run      | 1   |                  |
| G    | 95928313  | Elbow, 90° -32 JIC Swivel Nut    | 1   |                  |
| H    | 54718754  | Hose Assembly                    | 1   |                  |
| J    | 22223853  | Tube Assembly, Service           | 1   |                  |
| K    | 35335124  | Connector, Male 2" NPT X -32 JIC | 2   |                  |
| L    | 36922987  | Valve, 3-Way                     | 1   |                  |
| M    | 36786127  | Elbow, 90° 2" NPT X -32 Jic      | 2   |                  |
| N    | 22410211  | Hose Assembly                    | 1   |                  |
| P    | 35356500  | Connector, 2.5-12 X -32 JIC      | 1   |                  |
| Q    | 36920221  | Valve, Check                     | 1   |                  |

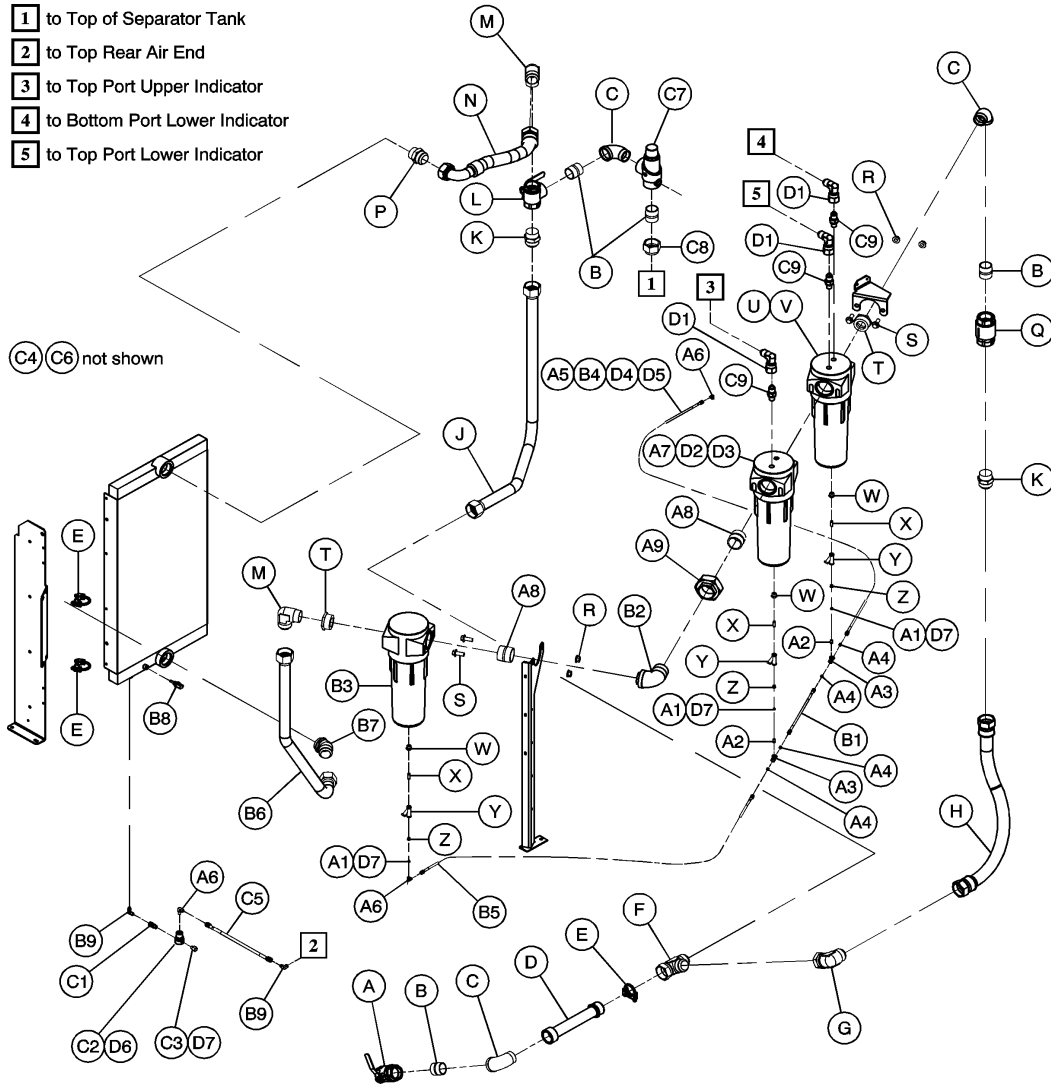
## IQ AFTERCOOLER PIPING cont'd



22826218\_option\_op02\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                           | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------------|-----|------------------|
| R    | 36879211  | Nut, Hex Flange M16-2.0               | 4   |                  |
| S    | 35375385  | Screw, Hex M16-2.0 X 40               | 4   |                  |
| T    | 95953907  | Bushing, Reducing 2.5" NPT X 2.0" NPT | 2   |                  |
| U    | 22231997  | Filter, Secondary                     | 1   |                  |
| V    | 22108823  | Element, Secondary Filter             | AR  |                  |
| W    | 95245353  | Bushing, Reducing 1/2" NPT X 3/8" NPT | 3   |                  |
| X    | 95772562  | Nipple, Close 3/8" NPT X 1.0"         | 3   |                  |
| Y    | 36844579  | Y-Strainer, 3/8" NPT                  | 3   |                  |
| Z    | 95940748  | Bushing, Reducing 3/8" NPT X 1/4" NPT | 3   |                  |
| A1   | 37081528  | Orifice, .063"                        | 3   |                  |
| A2   | 95452025  | Nipple, 1/4" NPT X 7/8"               | 2   |                  |
| A3   | 36882223  | Tee, Pipe 1/4" NPT                    | 2   |                  |
| A4   | 35284082  | Connector, 1/4" NPT X -6 JIC          | 4   |                  |
| A5   | 35284546  | Hose Assembly                         | 1   |                  |
| A6   | 35279934  | Elbow, 90° 1/4" NPT X -6 JIC          | 3   |                  |

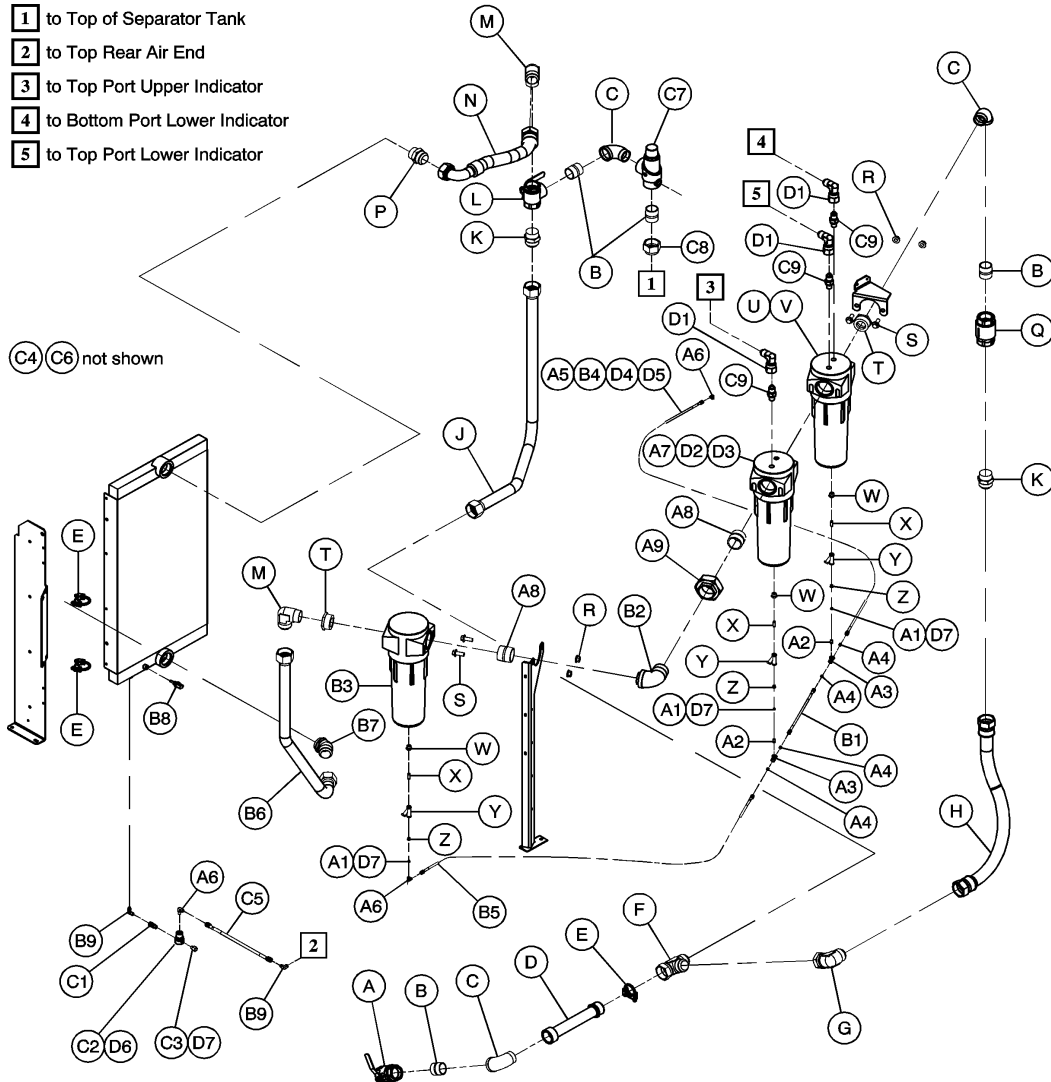
## IQ AFTERCOOLER PIPING cont'd



22826218\_option\_op02\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                  | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------------------|-----|------------------|
| A7   | 22231989  | Filter, Primary              | 1   |                  |
| A8   | 95954863  | Nipple, 2.5" NPT X 2.50"     | 2   |                  |
| A9   | 95954848  | Union, Female 2.5" NPT       | 1   |                  |
| B1   | 35282946  | Hose Assembly                | 1   |                  |
| B2   | 94514454  | Elbow, Street 90° 2.5" NPT   | 1   |                  |
| B3   | 22231971  | Water Separator              | 1   |                  |
| B4   | 35225077  | Clamp, Support               | 4   |                  |
| B5   | 35283282  | Hose Assembly                | 1   |                  |
| B6   | 22223861  | Tube Assembly                | 1   |                  |
| B7   | 95944732  | Elbow, 45° 2.5-12 X -32 JIC  | 1   |                  |
| B8   | 36898922  | Sensor, Temperature          | 1   |                  |
| B9   | 35279827  | Elbow, 90° 9/16-18 X -6 JIC  | 2   |                  |
| C1   | 35367846  | Connector, 1/4" NPT X -6 JIC | 1   |                  |
| C2   | 35322379  | Valve, Blowdown              | 1   |                  |
| C3   | 35248319  | Orifice, .094"               | 1   |                  |

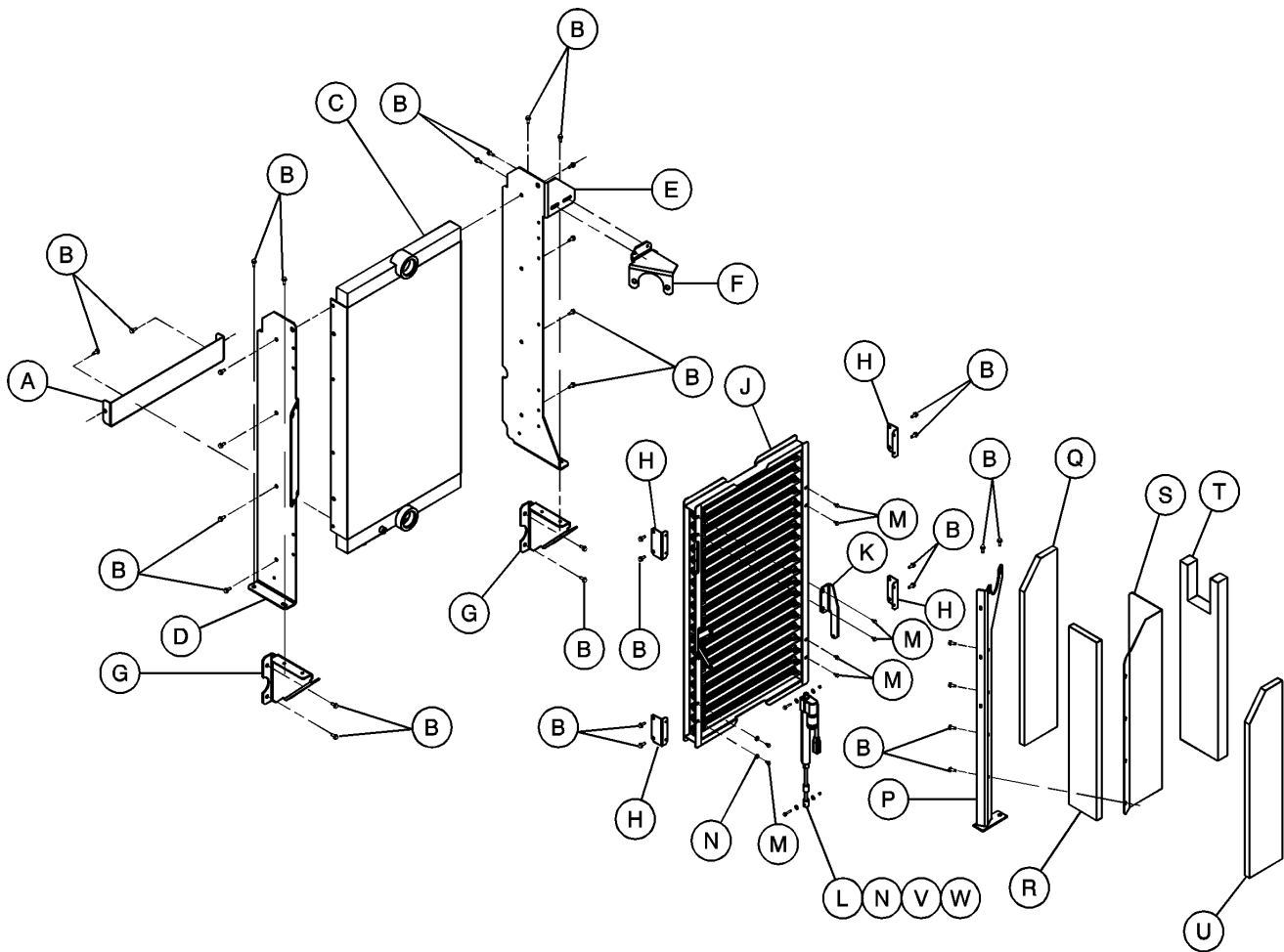
## IQ AFTERCOOLER PIPING cont'd



22826218\_option\_op02\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                          | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------------|-----|------------------|
| C4   | 22460117  | Harness, Low Ambient Heater          | 1   | on Pressure Reg. |
| C5   | 35284538  | Hose Assembly                        | 1   |                  |
| C6   | 36854677  | Heater, 24VDC Regulator              | 1   |                  |
| C7   | 22217848  | Valve, Minimum Pressure              | 1   |                  |
| C8   | 95944641  | Adapter, 2.5-12 X 2.0" NPT           | 1   |                  |
| C9   | 22583983  | Connector, Male 1/8-28 BSPP X -4 JIC | 3   |                  |
| D1   | 35290352  | Elbow, 90° -4 JIC Swivel Nut         | 3   |                  |
| D2   | 22108815  | Element, Primary Filter              | AR  |                  |
| D3   | 54739024  | Kit, Filter Mount w/ Wedge           | 1   |                  |
| D4   | 36895746  | Nutsert, Hex M08                     | 4   |                  |
| D5   | 35279025  | Screw, Tapping M08 - 1.25 X 20       | 4   |                  |
| D6   | 35379064  | Kit, Diaphragm Repair                | AR  |                  |
| D7   | 36841526  | Heater, 24VDC 3/4"                   | 5   |                  |

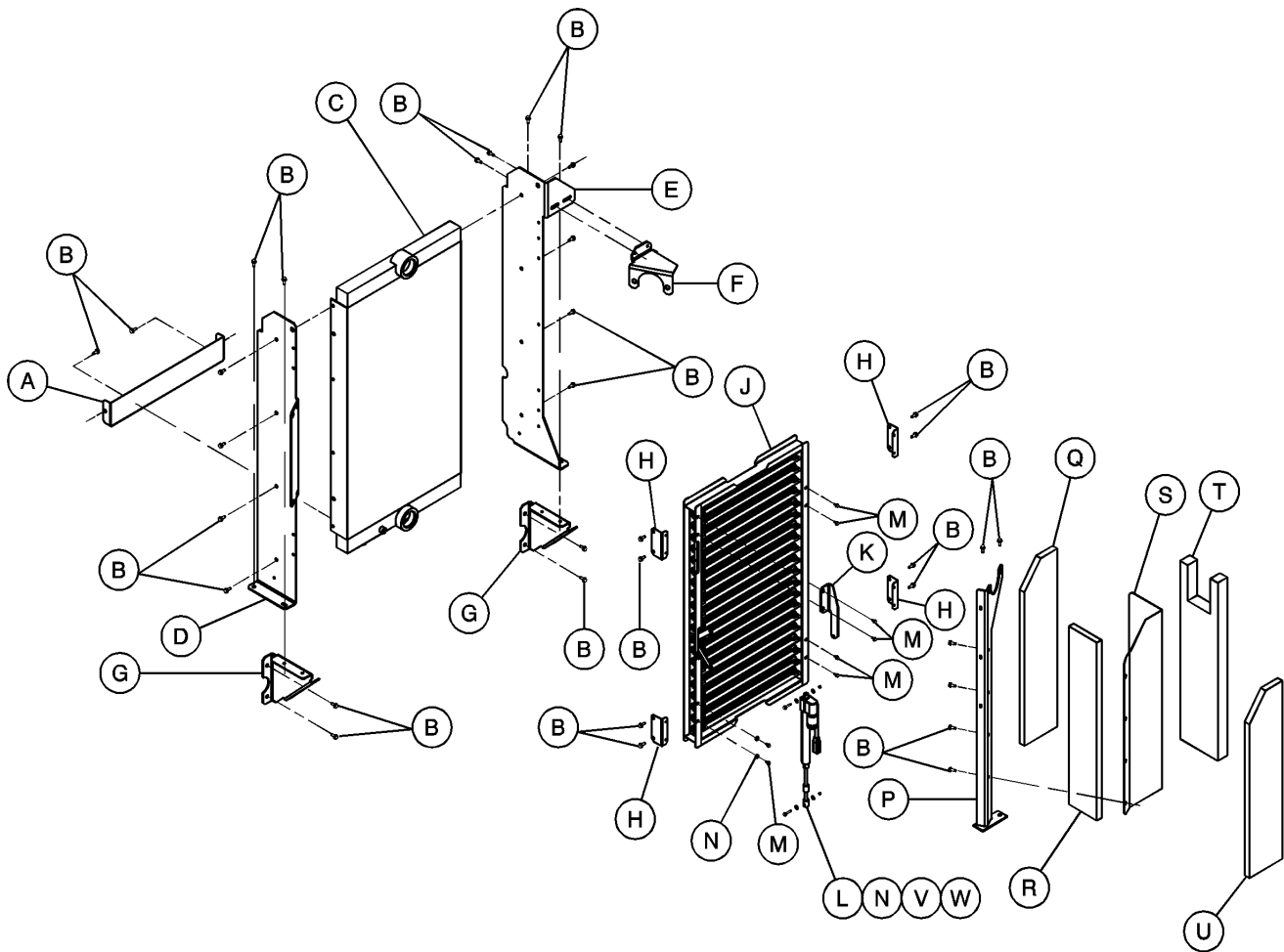
## IQ AFTERCOOLER MOUNTING



22826218\_option\_op03\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A    | 22395321  | Baffle, Air Restriction        | 1   |                  |
| B    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 34  |                  |
| C    | 22222442  | Aftercooler                    | 1   |                  |
| D    | 22390421  | Support, Aftercooler           | 1   |                  |
| E    | 22390439  | Support, Aftercooler           | 1   |                  |
| F    | 22395446  | Support, IQ Filter             | 1   |                  |
| G    | 22395420  | Support, Aftercooler           | 2   |                  |
| H    | 22402846  | Support, Louver                | 4   |                  |
| J    | 22402523  | Louver Set                     | 1   |                  |
| K    | 22402853  | Support, Actuator              | 1   |                  |
| L    | 36898310  | Actuator, Linear 24VDC         | 1   |                  |

# IQ AFTERCOOLER MOUNTING cont'd



22826218\_option\_op03\_03/06\_A

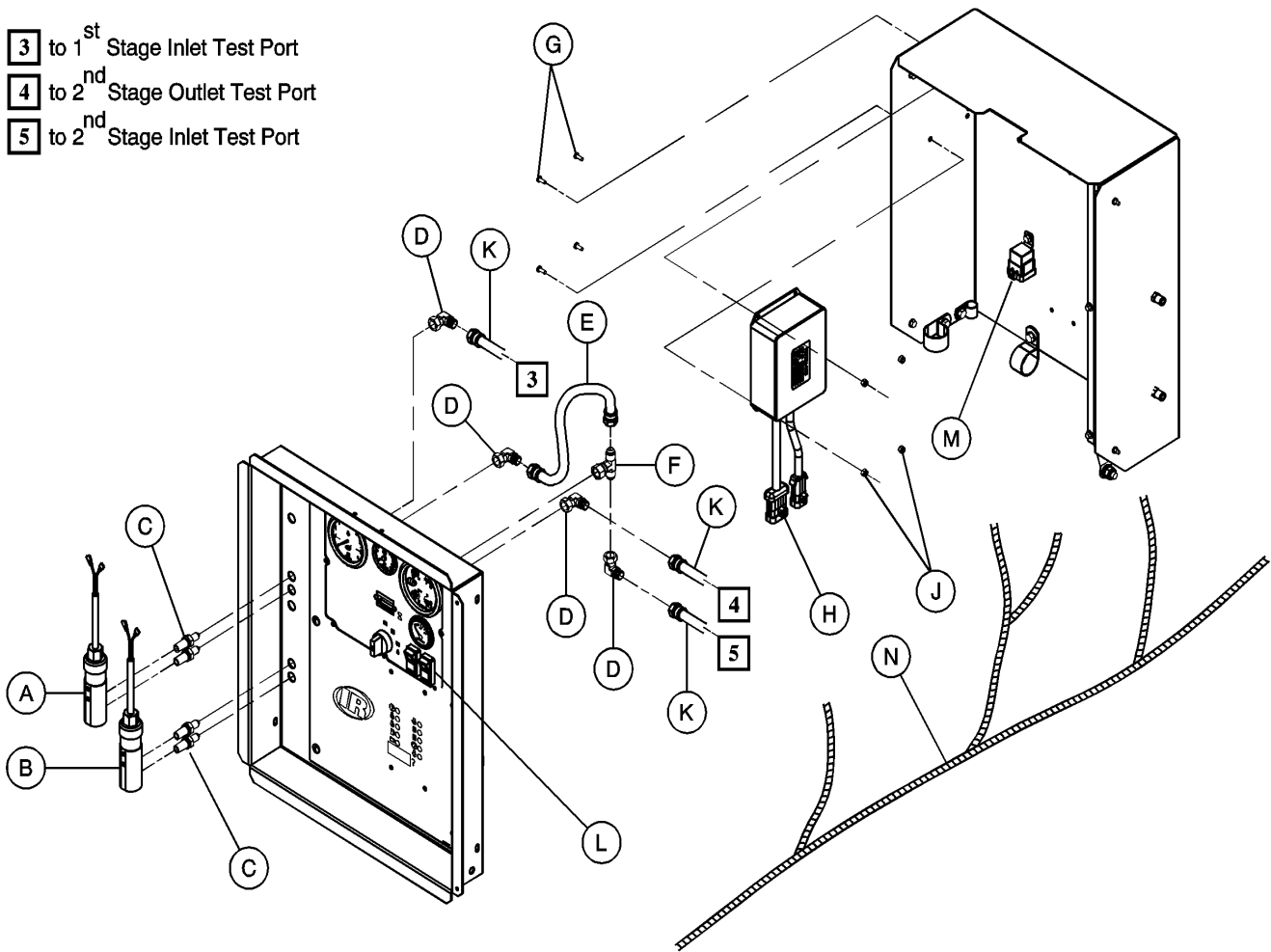
| ITEM | COMM. NO. | DESCRIPTION                 | QTY | DIMENSIONS/NOTES |
|------|-----------|-----------------------------|-----|------------------|
| M    | 36797652  | Screw, Tapping M06-1.0 X 12 | 8   |                  |
| N    | 95935029  | Washer, Flat                | 12  |                  |
| P    | 22393292  | Support, Water Separator    | 1   |                  |
| Q    | 22508311  | Foam, Acoustic              | 1   |                  |
| R    | 22508337  | Foam, Acoustic              | 1   |                  |
| S    | 22508295  | Baffle, Air Intake          | 1   |                  |
| T    | 22508329  | Foam, Acoustic              | 1   |                  |
| U    | 22508303  | Foam, Acoustic              | 1   |                  |
| V    | 95934568  | Screw, Hex 1/4-20 X 2"      | 2   |                  |
| W    | 95923298  | Nut, Hex Lock 1/4-20        | 2   |                  |

## IQ INSTRUMENT PANEL

**3** to 1<sup>st</sup> Stage Inlet Test Port

**4** to 2<sup>nd</sup> Stage Outlet Test Port

**5** to 2<sup>nd</sup> Stage Inlet Test Port

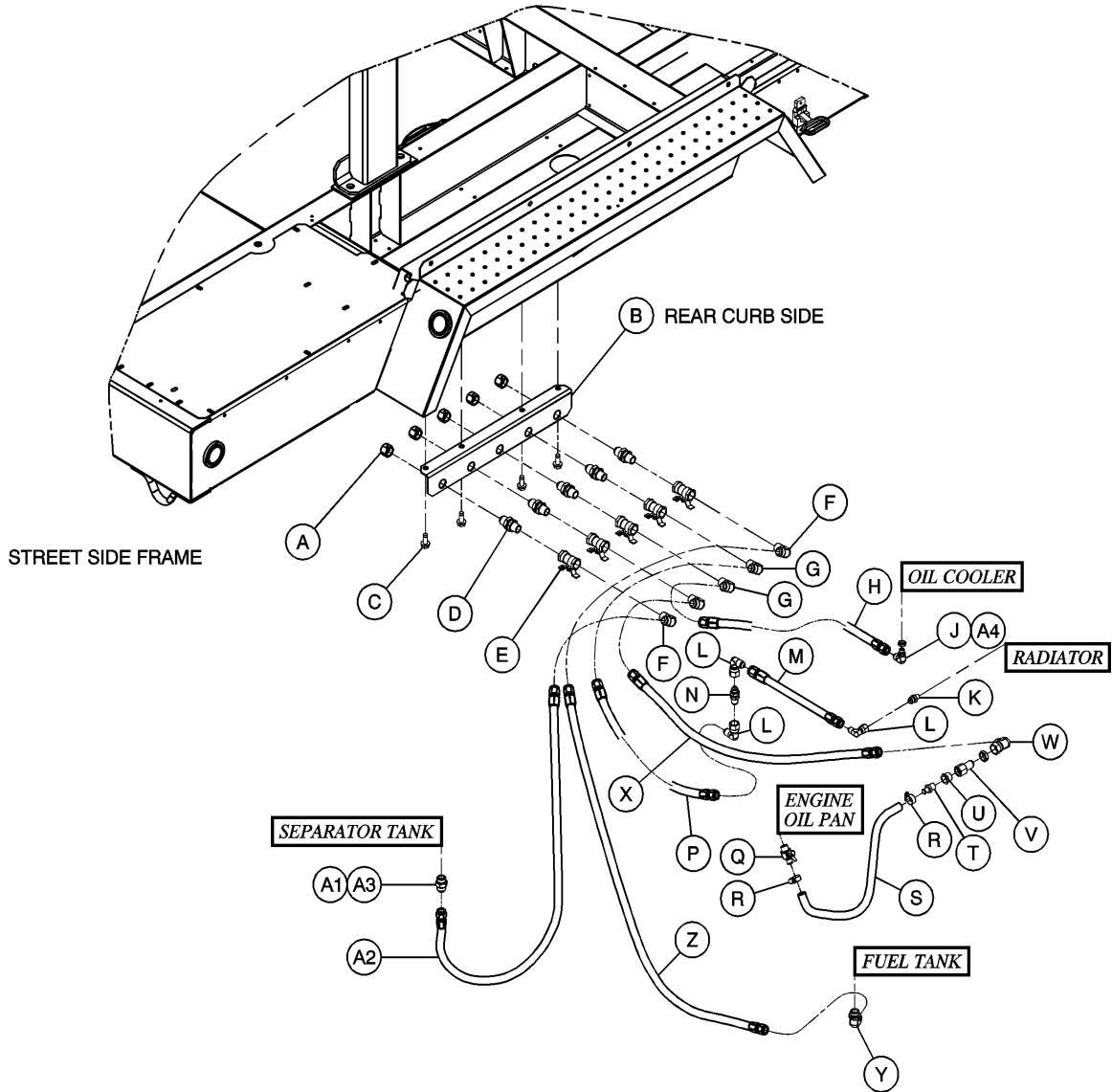


22826218\_option\_op04\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                             | QTY | DIMENSIONS/NOTES |
|------|-----------|-----------------------------------------|-----|------------------|
| A    | 36899615  | Indicator, Differential Pressure 25 PSI | 1   |                  |
| B    | 36899599  | Indicator, Differential Pressure 20 PSI | 1   |                  |
| C    | 36898401  | Adaptor, Bulkhead 1/8" NPT X -4 JIC     | 4   |                  |
| D    | 35290352  | Elbow, 90° -4 JIC Swivel Nut            | 4   |                  |
| E    | 35310960  | Hose Assembly                           | 1   |                  |
| F    | 35323591  | Tee, -4 JIC Swivel Nut Branch           | 1   |                  |
| G    | 95942595  | Screw, Pan Head #10-32 X 1/2"           | 4   |                  |
| H    | 36920634  | Unit, Temperature Control               | 1   |                  |
| J    | 95928800  | Nut, Hex Lock #10-32                    | 4   |                  |
| K    | 35322494  | Hose Assembly                           | 3   |                  |
| L    | 22054050  | Switch, Rocker                          | 1   |                  |
| M    | 36892362  | Relay, 24 VDC                           | 1   |                  |
| N    | 22840524  | Harness, IQ System                      | 1   |                  |



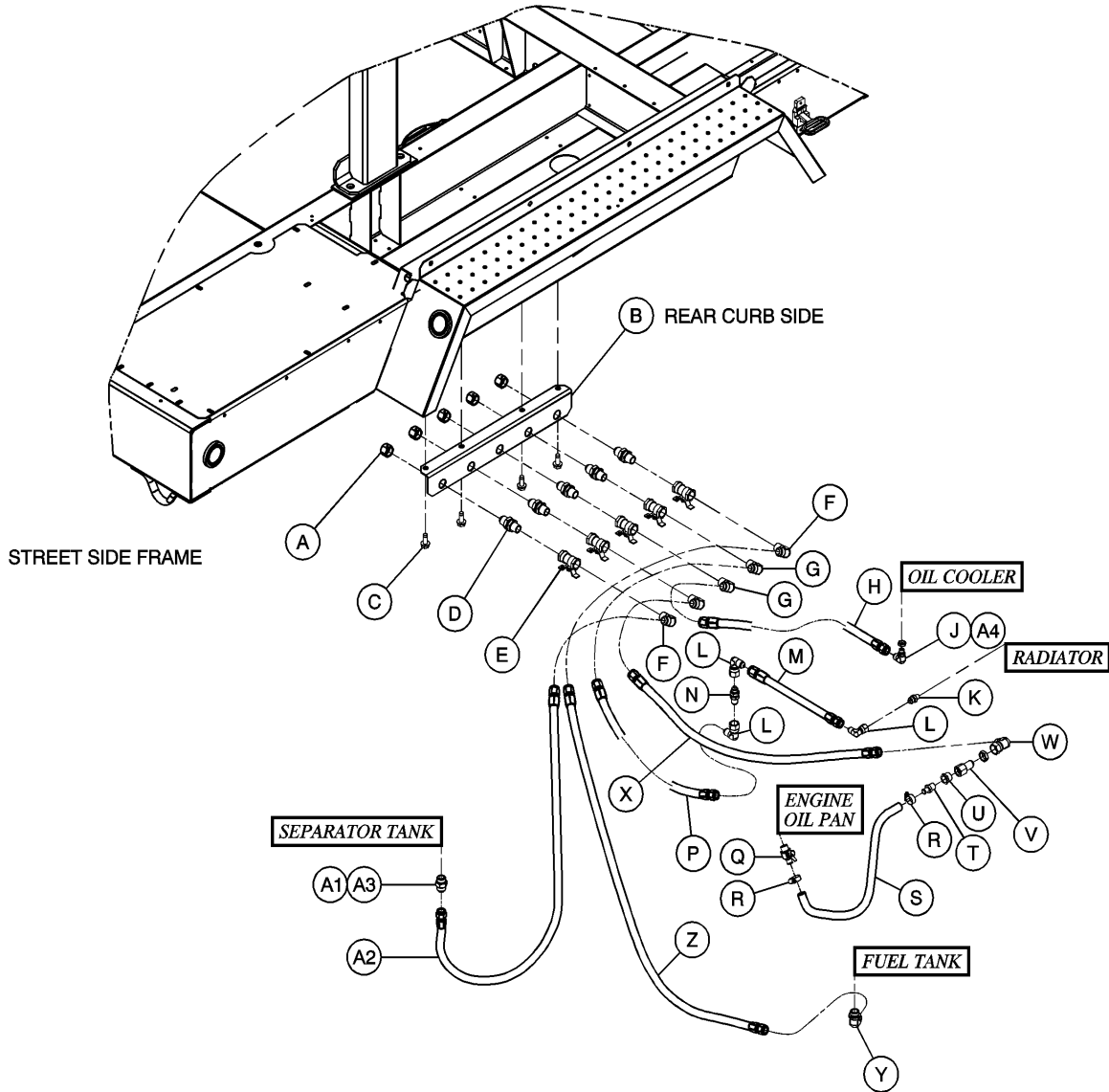
## CENTRAL DRAINS



22826218\_option\_op05\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                           | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------------|-----|------------------|
| A    | 35608694  | Cap, Safe Vent 12 JIC                 | 5   |                  |
| B    | 22138515  | Bracket, Central Drains               | 1   |                  |
| C    | 35279025  | Screw, Tapping M08 - 1.25 X 20        | 4   |                  |
| D    | 35321173  | Fitting, Bulkhead -12 JIC X 3/4" NPT  | 5   |                  |
| E    | 36777399  | Valve, 3/4" T-Handle Ball             | 5   |                  |
| F    | 35294735  | Elbow, 90° 3/4" NPT X -12 JIC         | 3   |                  |
| G    | 35287044  | Elbow, 90° 3/4" NPT X -8 JIC          | 2   |                  |
| H    | 35283506  | Hose Assembly                         | 1   |                  |
| J    | 35287937  | Elbow, 90° 9/16-18 X -8 JIC w/ O-Ring | 1   |                  |
| K    | 35283134  | Connector, 1/4" NPT X -8 JIC          | 1   |                  |
| L    | 35287911  | Elbow, 90° -8 JIC Swivel Nut          | 3   |                  |
| M    | 35252782  | Hose Assembly                         | 1   |                  |
| N    | 35285451  | Union, Bulkhead -8 JIC                | 1   |                  |
| P    | 35307719  | Hose Assembly                         | 1   |                  |

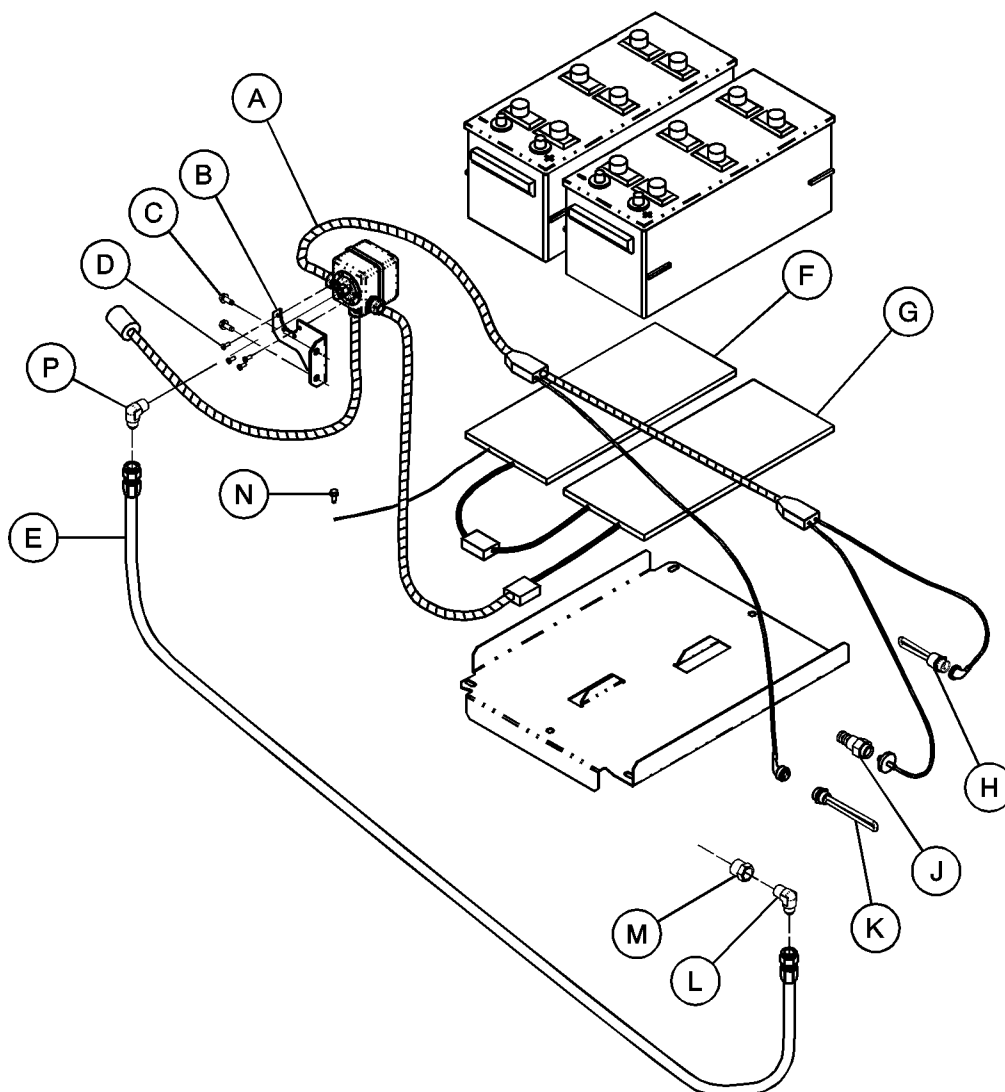
# CENTRAL DRAINS cont'd



22826218\_option\_op05\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                            | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------------------------|-----|------------------|
| Q    | 36784436  | Valve, Drain M18-1.5                   | 1   |                  |
| R    | 95220844  | Clamp, Hose                            | 2   |                  |
| S    | 35326578  | Hose, Heater 5/8"                      | 22" |                  |
| T    | 35326560  | Adapter, 1/2" Male NPT x 5/8" Hose     | 1   |                  |
| U    | 95953949  | Bushing, Reducing 3/4" NPT X 1/2" NPT  | 1   |                  |
| V    | 35287747  | Fitting, Bulkhead 3/4" NPT X -12 JIC   | 1   |                  |
| W    | 35301506  | Elbow, 90° -12 JIC Swivel Nut          | 1   |                  |
| X    | 35376110  | Hose Assembly                          | 1   |                  |
| Y    | 36861540  | Elbow, 90° 1.312-12 X -12 JIC          | 1   |                  |
| Z    | 35323682  | Hose Assembly                          | 1   |                  |
| A1   | 35295880  | Connector, 1.06-12 X -12 JIC w/ O-Ring | 1   |                  |
| A2   | 36881936  | Hose Assembly                          | 1   |                  |
| A3   | 35294768  | O-Ring                                 | AR  |                  |
| A4   | 35278571  | O-Ring                                 | AR  |                  |

## COLD START HEATERS

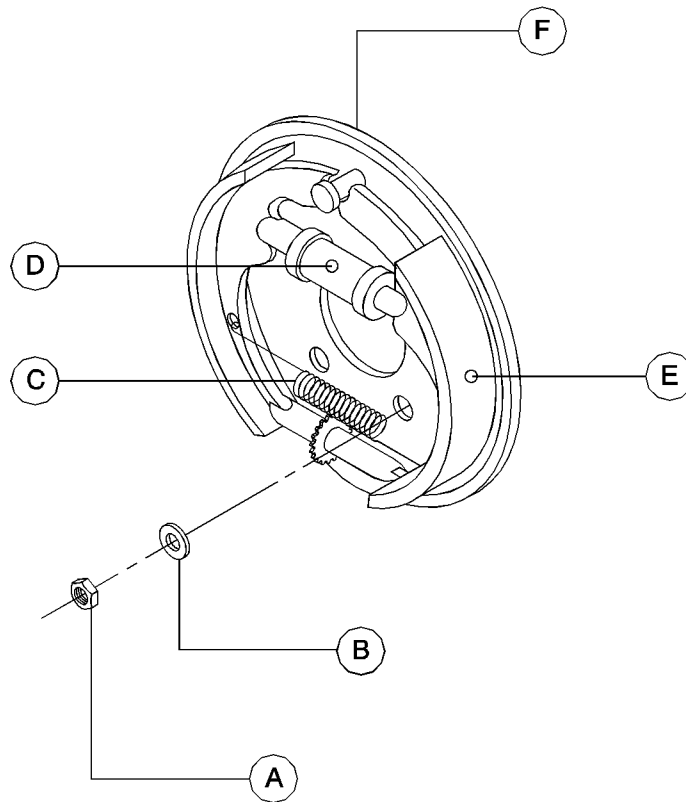


22826218\_option\_op06\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                        | QTY | DIMENSIONS/NOTES        |
|------|-----------|------------------------------------|-----|-------------------------|
|      | 22813919  | Cold Start Assembly                |     | Incl. Items A, F thru K |
| A    | 22813901  | Harness, Heater w/ Pressure Switch | 1   |                         |
| B    | 22360242  | Support, Cold Start                | 1   |                         |
| C    | 35279025  | Screw, Tapping M08 - 1.25 X 20     | 2   |                         |
| D    | 95942553  | Screw, Pan Head #8-32 X 5/8"       | 4   |                         |
| E    | 35283001  | Hose Assembly                      | 1   |                         |
| F    | 36920346  | Pad, Battery Heater                | 1   |                         |
| G    | 36920338  | Pad, Battery Heater                | 1   |                         |
| H    | 22298558  | Heater, Engine Block               | 1   |                         |
| J    | 22298566  | Well, Thermostat                   | 1   |                         |
| K    | 36874675  | Heater, Oil Pan                    | 1   |                         |
| L    | 35301126  | Elbow, 90° 1/8" NPT X -6 JIC       | 1   |                         |
| M    | 22257554  | Adapter, 1/8" NPT X M10-1.5        | 1   |                         |
| N    | 92368687  | Screw, Tapping M06-1.0 x 14        | 1   |                         |
| P    | 35279934  | Elbow, 90° 1/4 NPT X -6 JIC        | 1   |                         |

# FRONT HYDRAULIC BRAKE PAD ASSEMBLY

USED ON AXLE NO. 22161343

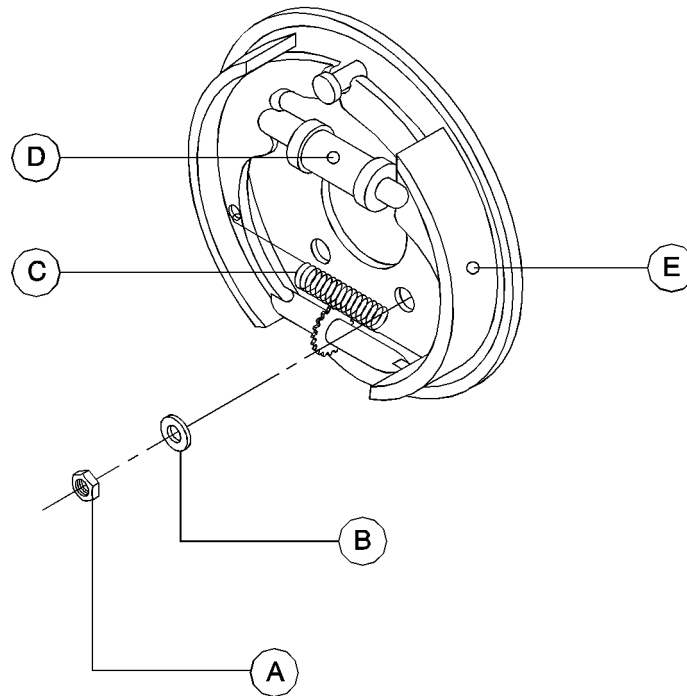


22826218\_option\_op07\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                   | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------|-----|------------------|
| A    | 35356872  | Nut                           | 10  |                  |
| B    | 35356864  | Washer                        | 10  |                  |
| C    | 36895795  | Kit, Brake Spring             | 2   |                  |
| D    | 36867851  | Kit, Left Brake Cylinder      | 1   |                  |
|      | 36867885  | Kit, Right Brake Cylinder     | 1   |                  |
| E    | 36895779  | Kit, Left Shoe and Lining     | 1   |                  |
|      | 36895787  | Kit, Right Shoe and Lining    | 1   |                  |
| F    | 35393834  | Left Backing Plate Assembly   | 1   |                  |
|      | 35393842  | Right Backing Plate Assembly  | 1   |                  |
|      | 36895241  | Complete Left Brake Assembly  | 1   |                  |
|      | 36895258  | Complete Right Brake Assembly | 1   |                  |

## REAR HYDRAULIC BRAKE PAD ASSEMBLY

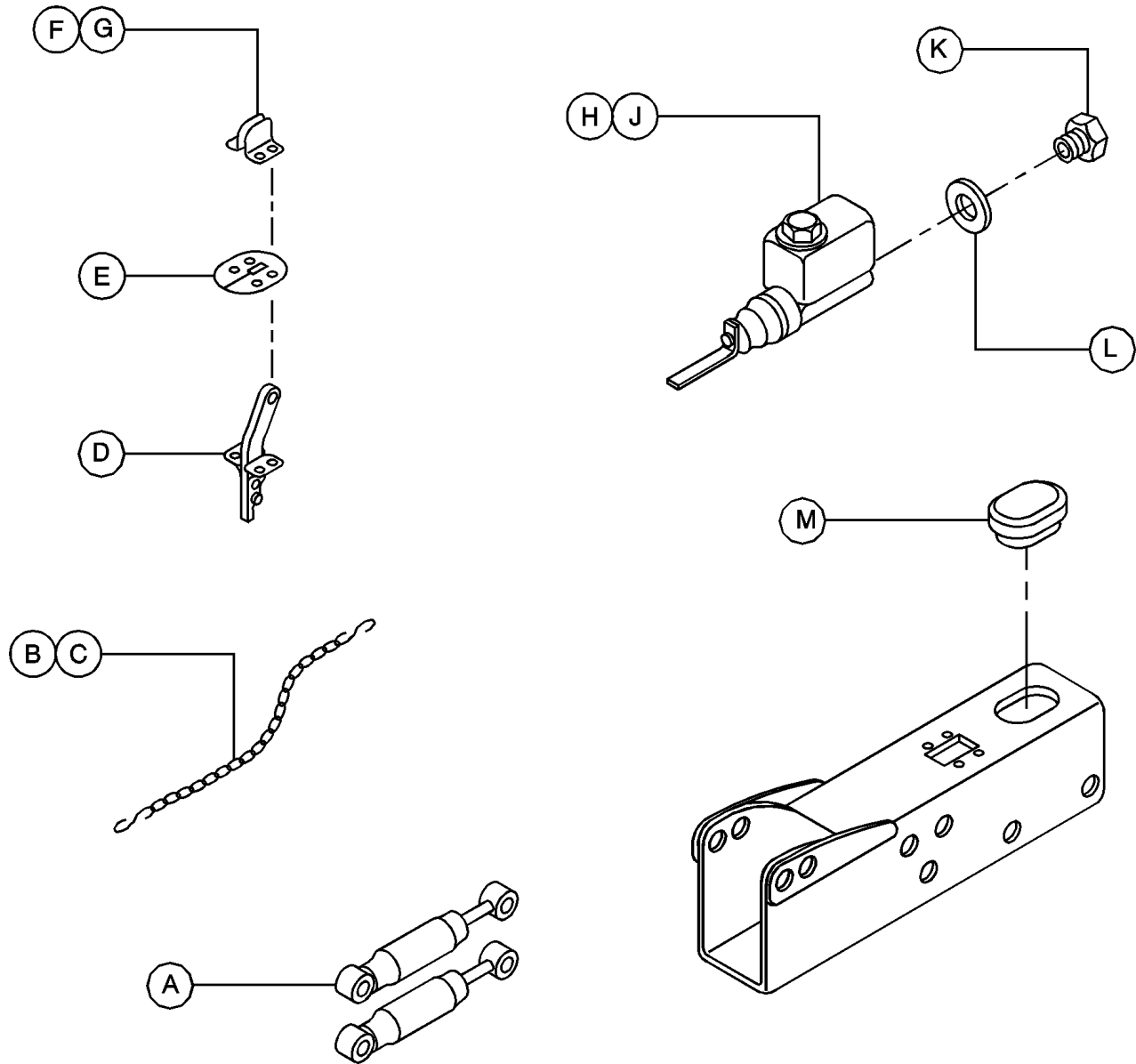
USED ON AXLE NO. 22161350



22826218\_option\_op08\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                   | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------|-----|------------------|
| A    | 35356872  | Nut                           | 10  |                  |
| B    | 35356864  | Washer                        | 10  |                  |
| C    | 36895795  | Kit, Brake Spring             | 2   |                  |
| D    | 36867851  | Kit, Left Brake Cylinder      | 1   |                  |
|      | 35867885  | Kit, Right Brake Cylinder     | 1   |                  |
| E    | 36895779  | Kit, Left Shoe and Lining     | 1   |                  |
|      | 36895787  | Kit, Right Shoe and Lining    | 1   |                  |
|      | 35388628  | Complete Left Brake Assembly  | 1   |                  |
|      | 35388636  | Complete Right Brake Assembly | 1   |                  |

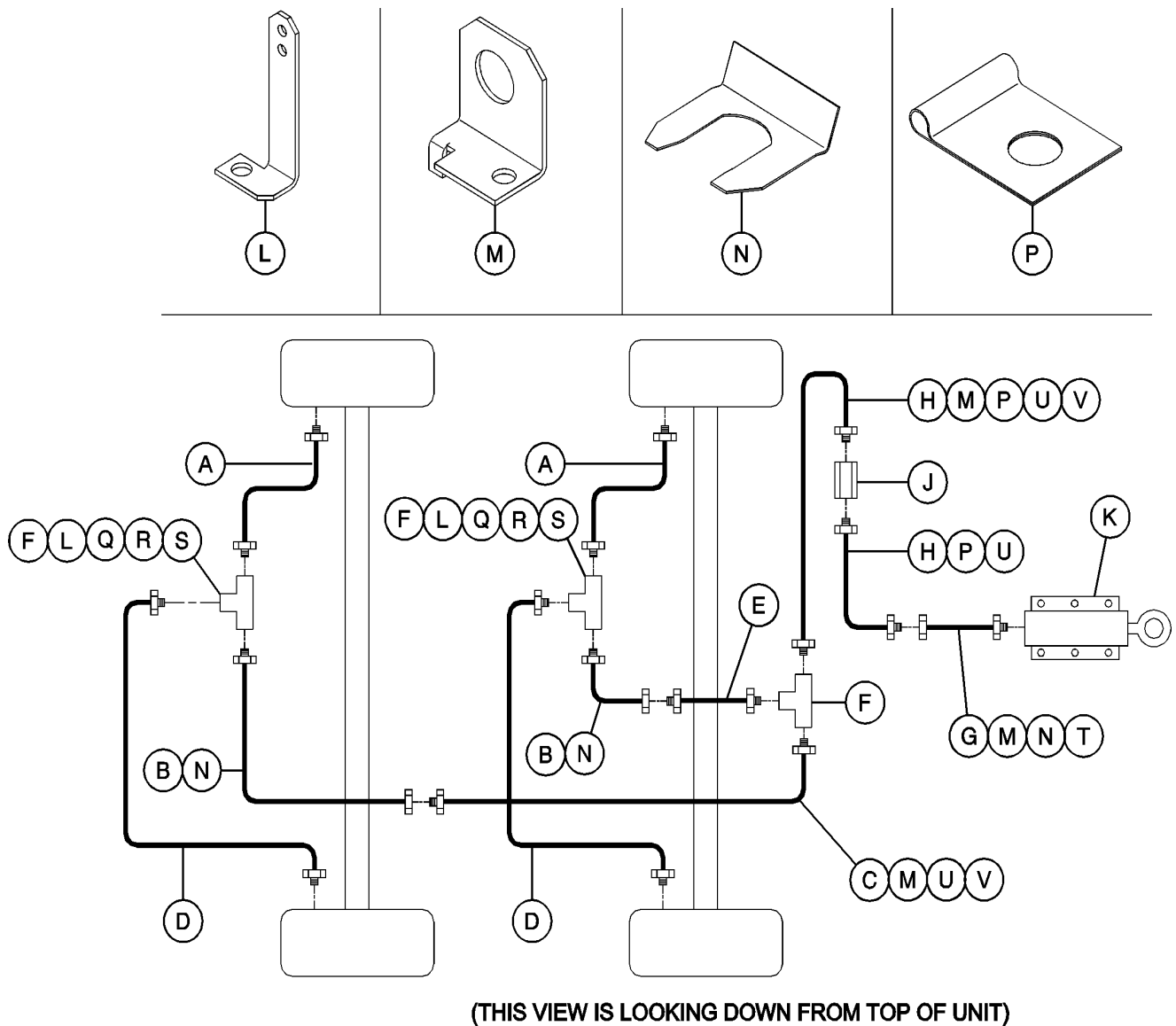
## HYDRAULIC BRAKE ACTUATOR



22826218\_option\_op09\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION          | QTY | DIMENSIONS/NOTES |
|------|-----------|----------------------|-----|------------------|
| A    | 35373026  | Damper               | 2   |                  |
| B    | 35373083  | S-Hook               | 2   |                  |
| C    | 35373091  | Chain                | 1   |                  |
| D    | 35373042  | Lever Assembly       | 1   |                  |
| E    | 35373059  | Seal Weather         | 1   |                  |
| F    | 35373067  | Lock, Right          | 1   |                  |
| G    | 35373075  | Lock, Left           | 1   |                  |
| H    | 35373117  | Cylinder, Master     | 1   |                  |
| J    | 35376433  | Kit, Cylinder Repair | AR  |                  |
| K    | 35373109  | Connector            | 1   |                  |
| L    | 35373125  | Gasket               | 1   |                  |
| M    | 35373034  | Cover                | 1   |                  |

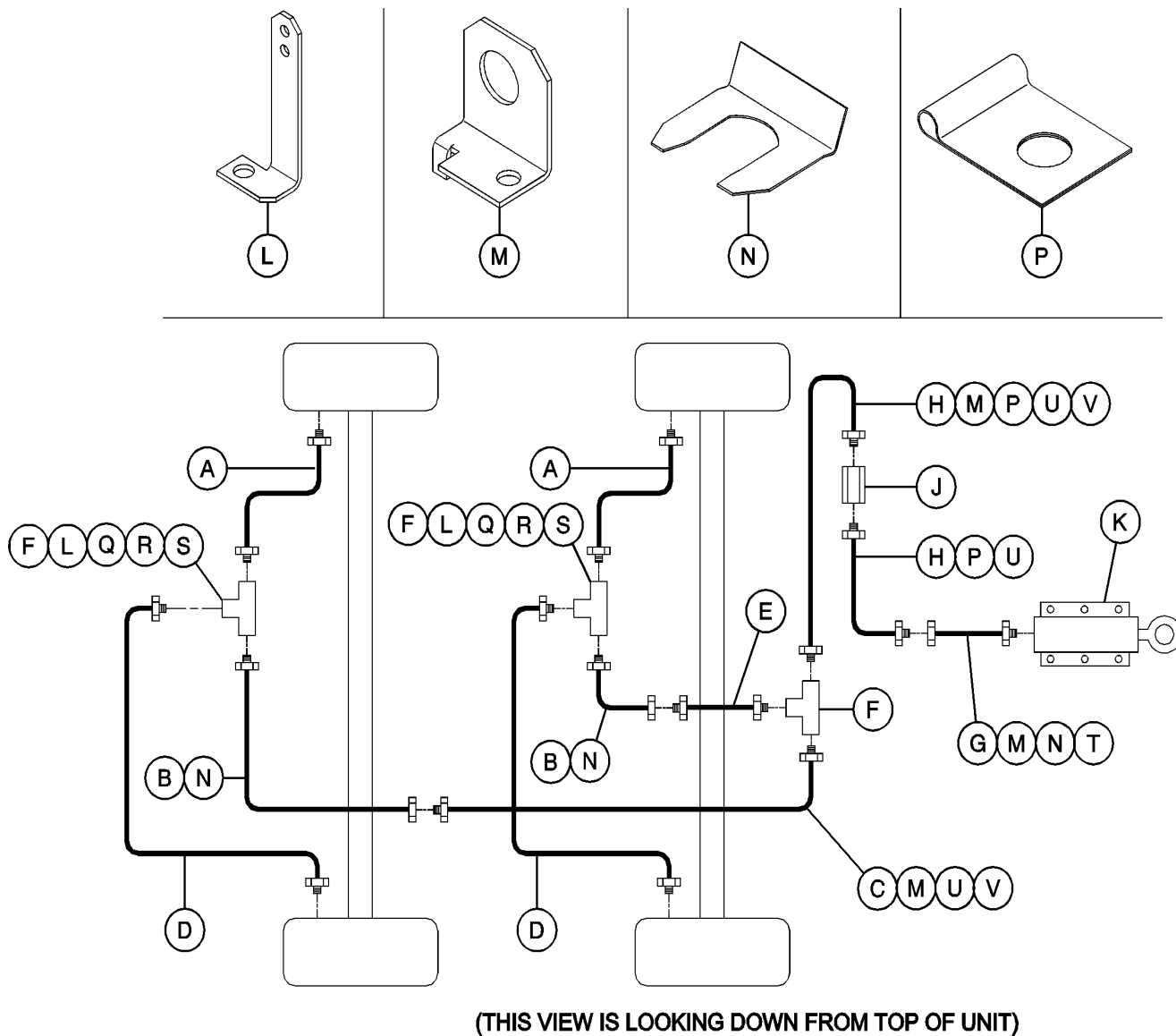
## HYDRAULIC BRAKE PIPING



22826218\_option\_op10\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                         | QTY | DIMENSIONS/NOTES |
|------|-----------|-------------------------------------|-----|------------------|
| A    | 36867281  | Tube Assembly                       | 2   |                  |
| B    | 35356377  | Hose Assembly                       | 2   |                  |
| C    | 36894699  | Tube Assembly                       | 1   |                  |
| D    | 36867489  | Tube Assembly                       | 2   |                  |
| E    | 36867273  | Tube Assembly                       | 1   |                  |
| F    | 35356328  | Tee, 3/16" Inverted Flare           | 3   |                  |
| G    | 35356369  | Hose Assembly                       | 1   |                  |
| H    | 35356401  | Tube Assembly                       | 2   |                  |
| J    | 35356336  | Union, 3/16" X 3/16" Inverted Flare | 1   |                  |
| K    | 36734879  | Actuator, Hydraulic Brake           | 1   |                  |

## HYDRAULIC BRAKE PIPING cont'd

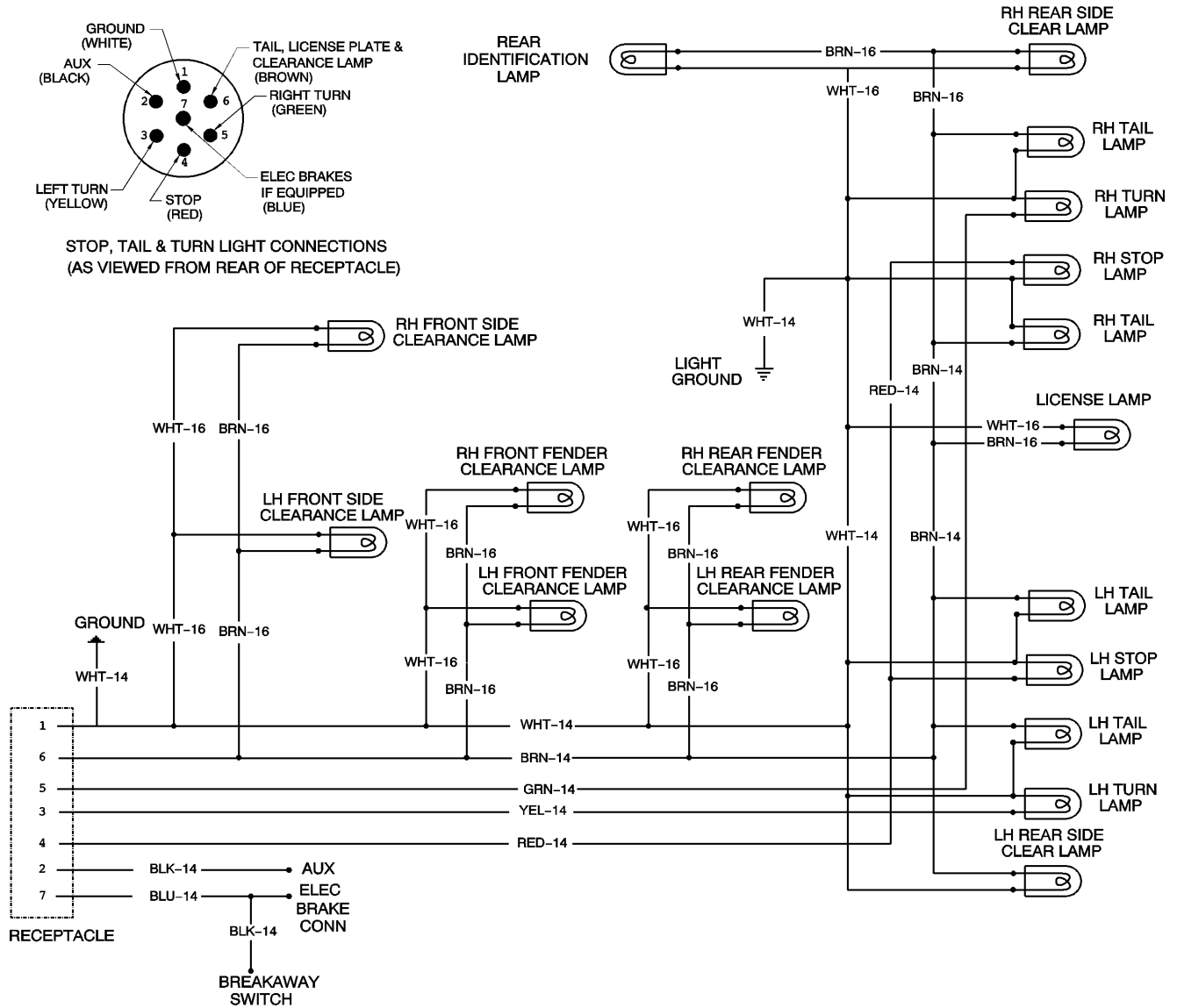


22826218\_option\_op10\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| L    | 22262323  | Bracket, Tee                   | 2   |                  |
| M    | 35356310  | Bracket, Hose                  | 3   |                  |
| N    | 35356302  | Clip, Hose                     | 3   |                  |
| P    | 37001252  | Clamp, Tube                    | 3   |                  |
| Q    | 95935102  | Nut, Hex 1/2-20                | 2   |                  |
| R    | 36898096  | Screw, Hex Flange M06-1.0 X 20 | 2   |                  |
| S    | 36898104  | Nut, Hex Flange M06-1.0        | 2   |                  |
| T    | 36797652  | Screw, Tapping M06-1.0 X 12    | 1   |                  |
| U    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 6   |                  |
| V    | 36895746  | Nutsert, Hex M08               | 3   |                  |



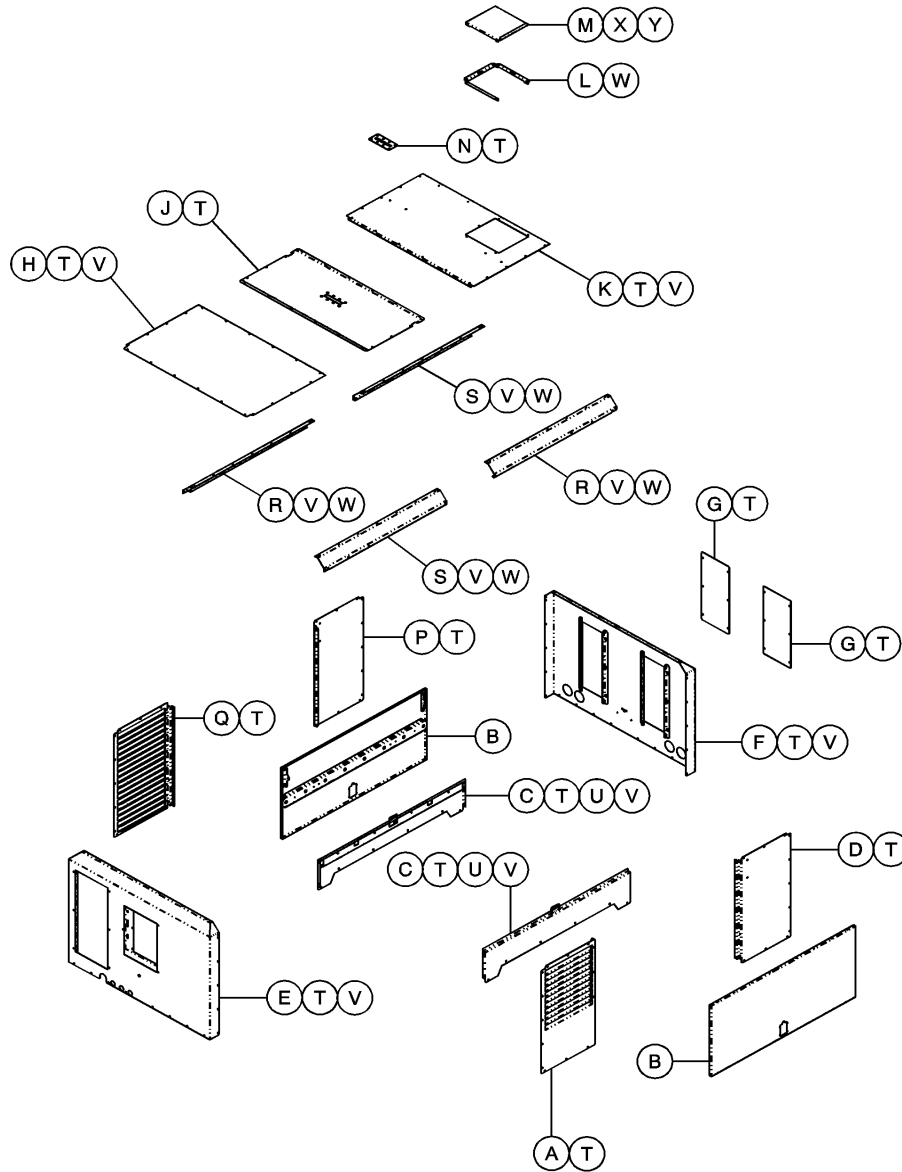
# HYDRAULIC BRAKE LIGHT WIRING SCHEMATIC



22826218\_option\_op11\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                       | QTY | DIMENSIONS/NOTES |
|------|-----------|-----------------------------------|-----|------------------|
|      | 22312169  | Harness, Hydraulic Brake Lighting | 1   |                  |

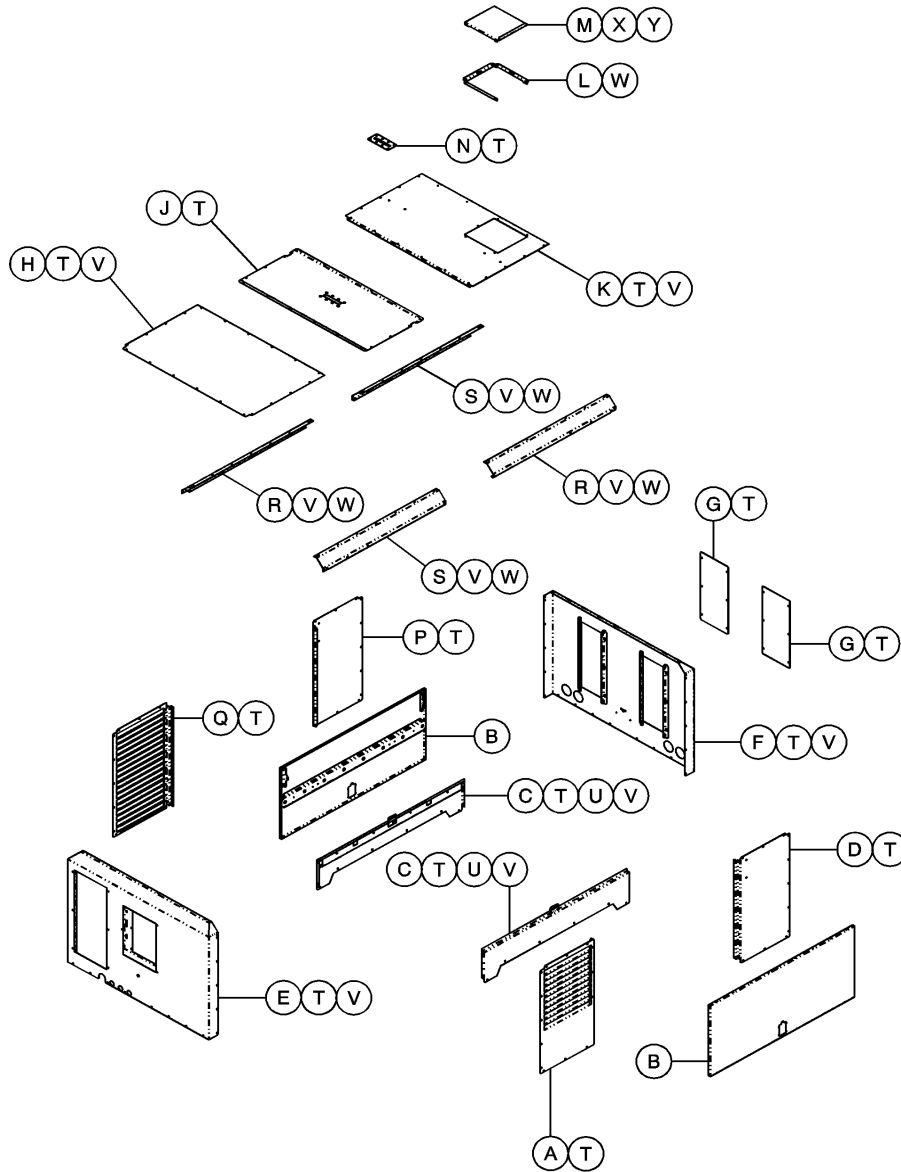
## GALVANNEAL ENCLOSURE



22826218\_option\_op12\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION            | QTY | DIMENSIONS/NOTES |
|------|-----------|------------------------|-----|------------------|
| A    | 22201578  | Grill, Left Hand Front | 1   |                  |
| B    | 22211171  | Door, Side             | 2   |                  |
| C    | 22208292  | Panel, Lower Side      | 2   |                  |
| D    | 22197826  | Panel, Left Hand Rear  | 1   |                  |
| E    | 22622468  | Panel, Front End       | 1   |                  |
| F    | 22197487  | Panel, Rear End        | 1   |                  |
| G    | 22300644  | Cover, End Panel       | 2   |                  |
| H    | 22208318  | Panel, Front Top       | 1   |                  |
| J    | 22245757  | Panel, Top Center      | 1   |                  |
| K    | 22199038  | Panel, Top Rear        | 1   |                  |
| L    | 22243299  | Frame, Door            | 1   |                  |
| M    | 22243281  | Door, Overflow         | 1   |                  |

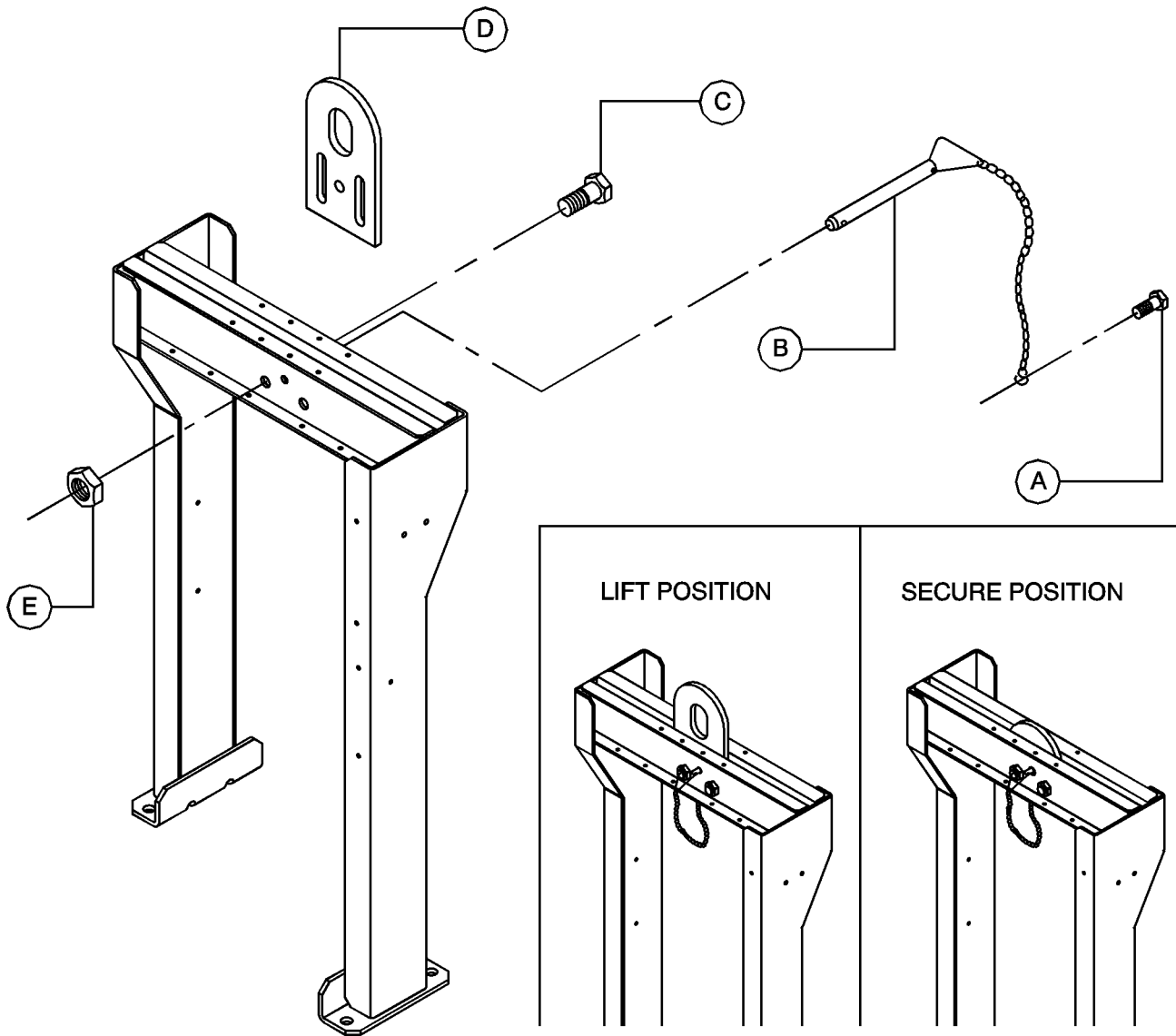
# GALVANNEAL ENCLOSURE cont'd



22826218\_option\_op12\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| N    | 22208953  | Cover, Lift Bail               | 1   |                  |
| P    | 22197503  | Panel, Right Rear              | 1   |                  |
| Q    | 22203681  | Grill, Right Hand Front        | 1   |                  |
| R    | 22198196  | Rail, Top Side                 | 2   |                  |
| S    | 22198451  | Rail, Top Side                 | 2   |                  |
| T    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 165 |                  |
| U    | 22068373  | Seal, Door                     | 12' |                  |
| V    | 36895746  | Nutsert, Hex M08               | 126 |                  |
| W    | 36797652  | Screw, Tapping M06-1.0 X 12    | 33  |                  |
| X    | 36769032  | Nut, Hex Lock M06-1.0          | 2   |                  |
| Y    | 35300771  | Screw, Tapping M06-1.0 X 20    | 3   |                  |

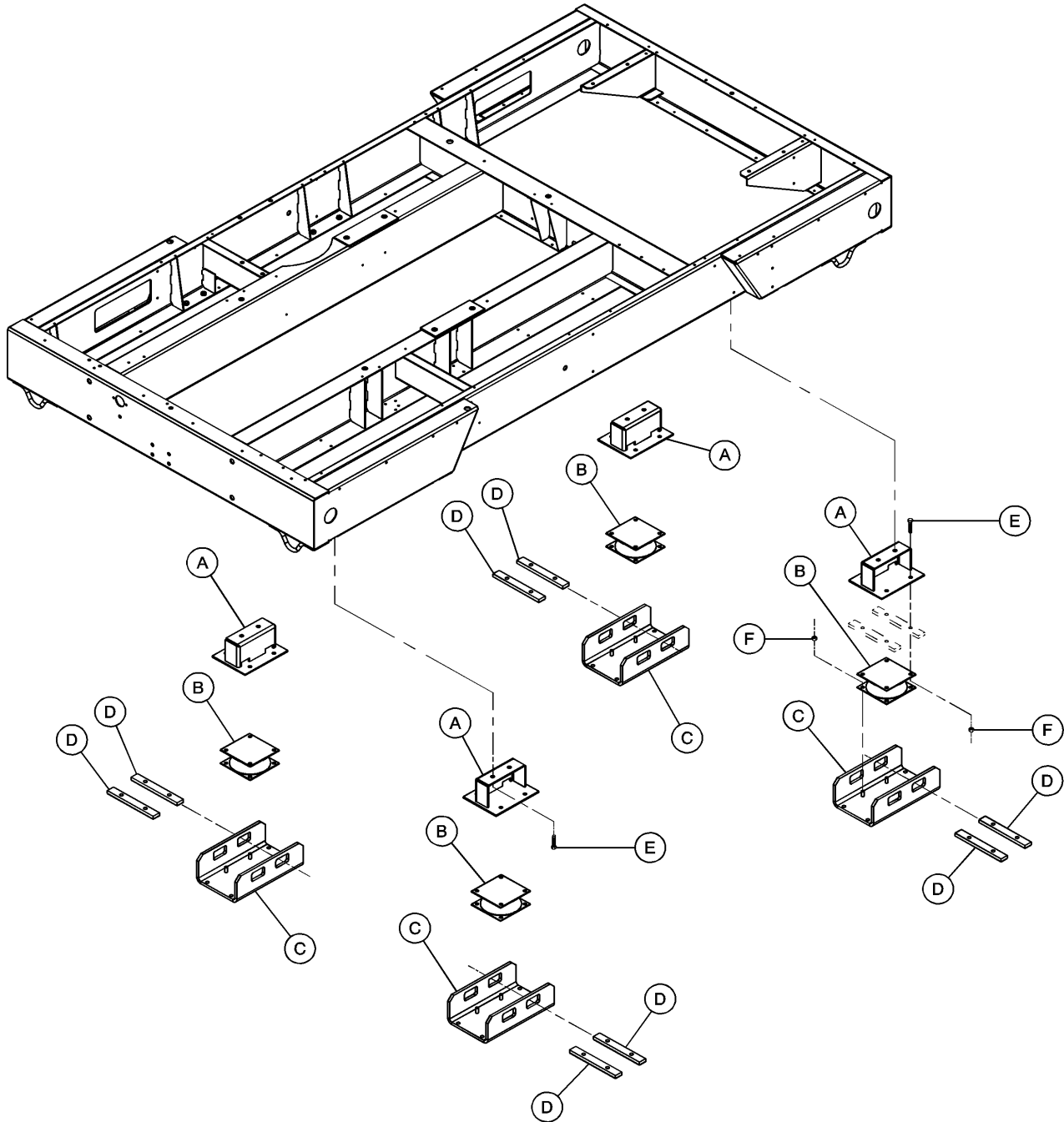
## SECURABLE LIFT EYE



22826218\_option\_op13\_03/06\_A

| ITEM | COMM. NO. | DESCRIPTION                    | QTY | DIMENSIONS/NOTES |
|------|-----------|--------------------------------|-----|------------------|
| A    | 35279025  | Screw, Tapping M08 - 1.25 X 20 | 1   |                  |
| B    | 36848224  | Pin                            | 1   |                  |
| C    | 36763670  | Screw, Hex M20-2.50 x 60       | 2   |                  |
| D    | 22183685  | Eye, Secure Lift               | 1   |                  |
| E    | 35356526  | Nut, Torq M20-2.50             | 2   |                  |

## LESS RUNNING GEAR



22826218\_option\_op14\_05/06\_A

| ITEM | COMM. NO. | DESCRIPTION                     | QTY | DIMENSIONS/NOTES |
|------|-----------|---------------------------------|-----|------------------|
| A    | 22329759  | Support, LRG Upper              | 4   |                  |
| B    | 36754893  | MountT, Sandwich                | 4   |                  |
| C    | 36898369  | Support, Lower Mounting         | 4   |                  |
| D    | 36898351  | Bar, Restriction                | 8   |                  |
| E    | 36877793  | Screw, Hex Flange M12-1.75 X 40 | 24  |                  |
| F    | 36879203  | Nut, Hex Flange M12-1.75        | 32  |                  |



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