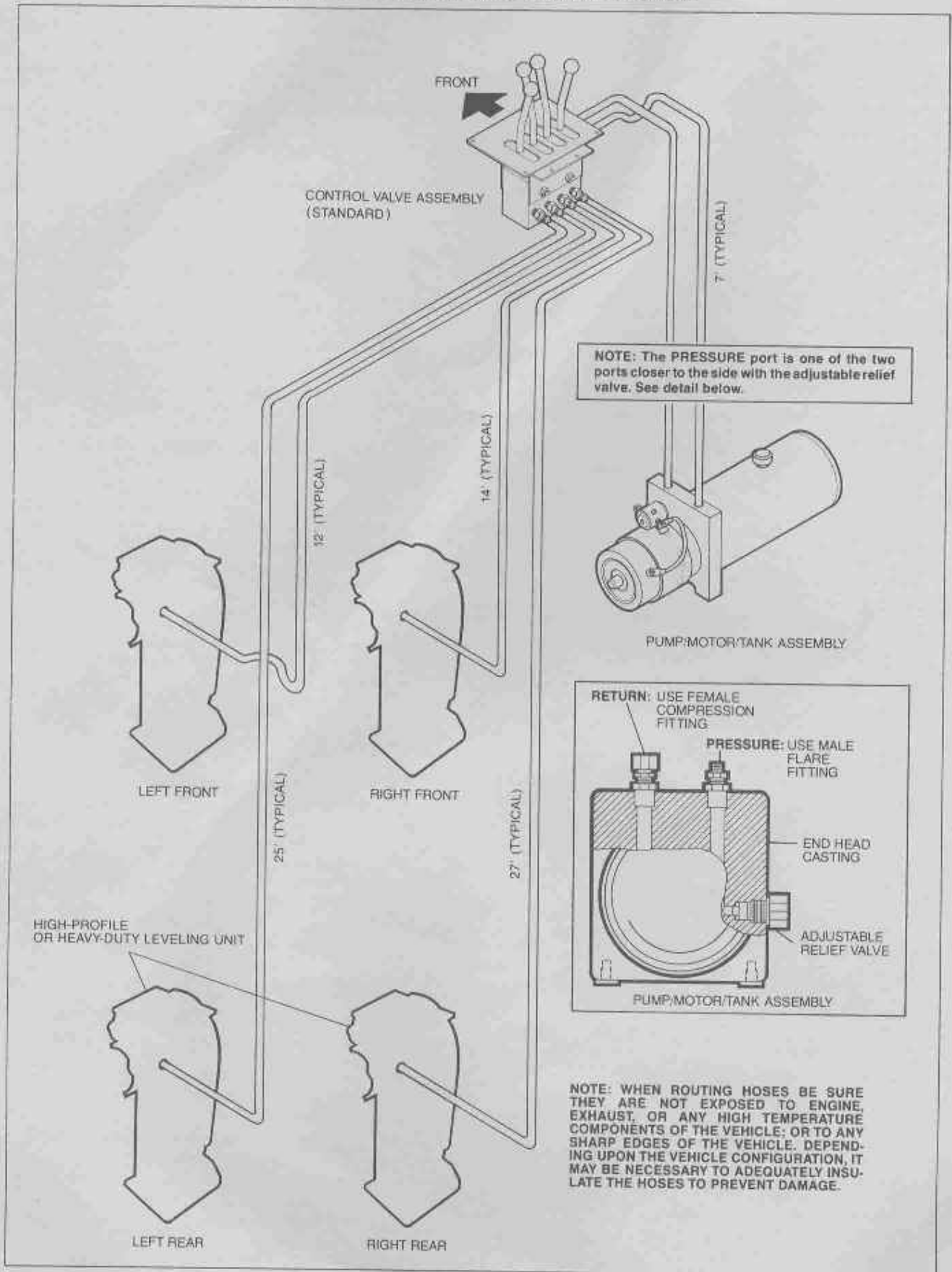




HYDRAULIC HOOKUP DIAGRAM

# HYDRAULIC HOOKUP DIAGRAM

## DELUXE & STANDARD CONTROL SYSTEM

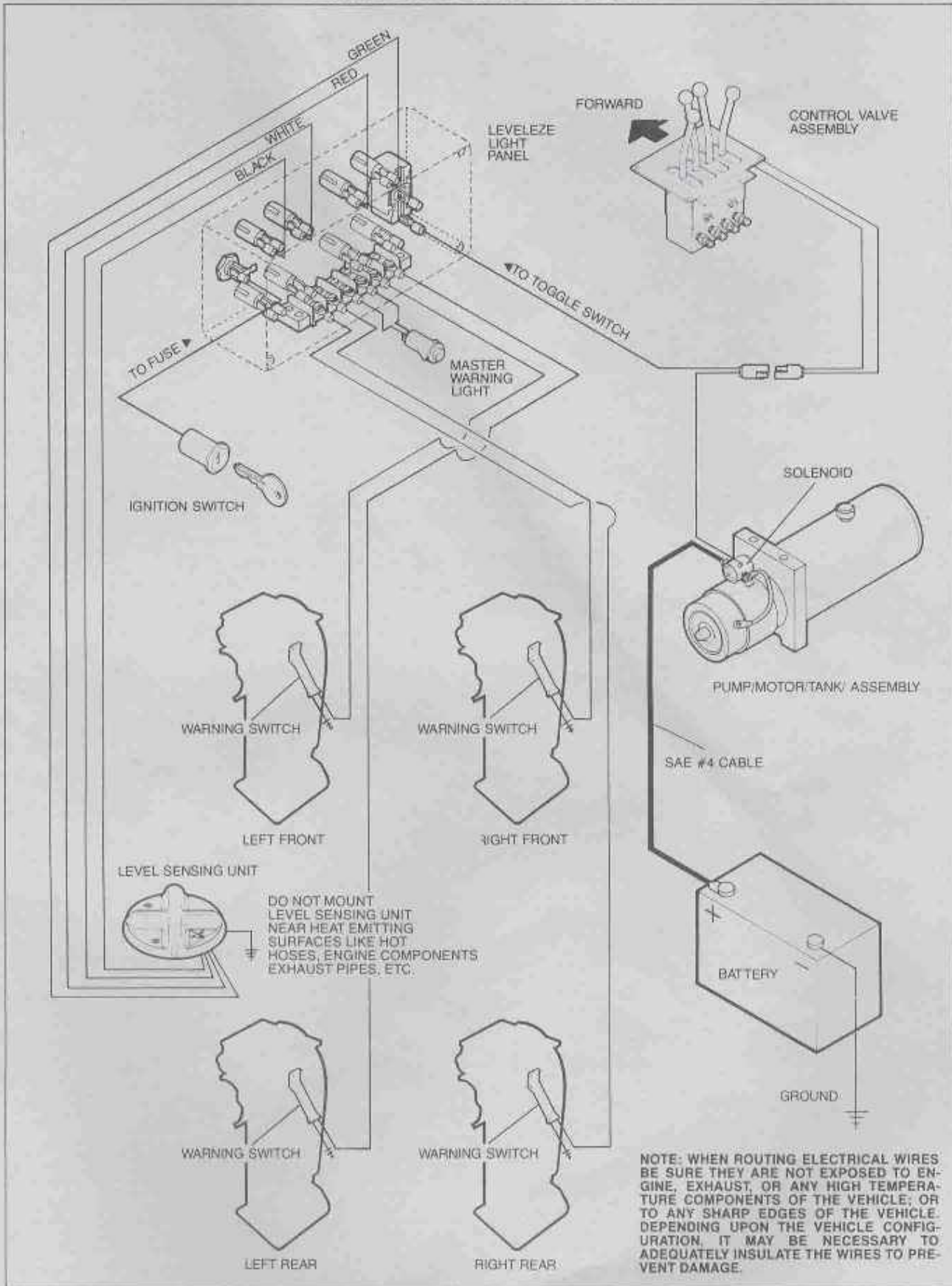




# ELECTRICAL HOOKUP DIAGRAM

## STANDARD CONTROL SYSTEM

ELECTRICAL HOOKUP DIAGRAM

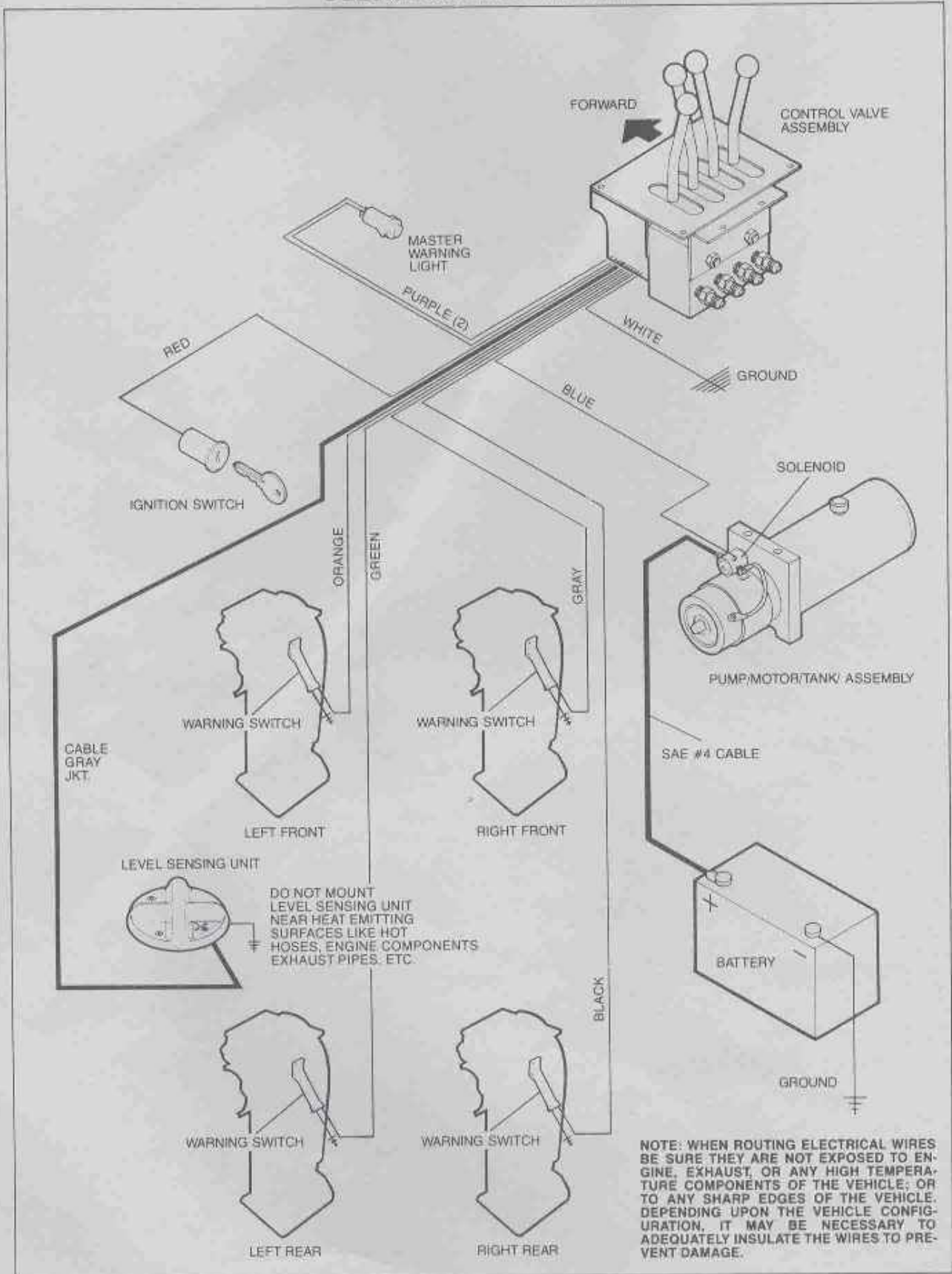




ELECTRICAL HOOKUP DIAGRAM

# ELECTRICAL HOOKUP DIAGRAM

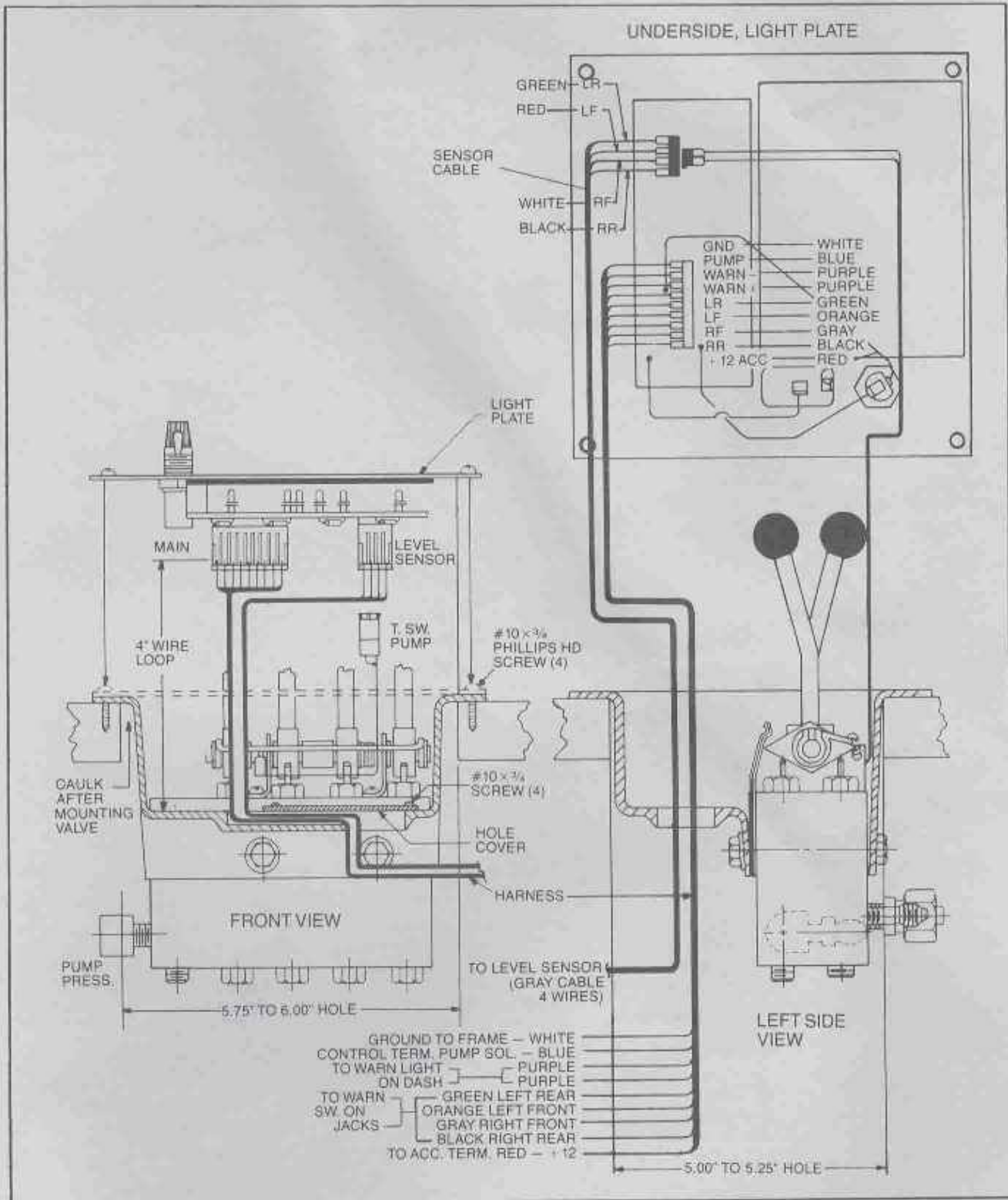
## DELUXE CONTROL SYSTEM



# ELECTRICAL HOOKUP DIAGRAM

## DELUXE CONTROL SYSTEM

ELECTRICAL HOOKUP DIAGRAM



1. Mounting of valve assembly requires a 5.00" x 5.75 hole in floor of coach.
2. Extend wires 4.00" through hole in bottom of valve mounting box.
3. Caulk around bottom of box after mounting.

# STANDARD MANUAL HYDRAULICS

## (STANDARD HEIGHT & STANDARD CONTROL PANEL)

### CONTENTS/SPECIFICATIONS

#### CONTENTS

**STANDARD SET** ..... PART NO. 945001  
**HEAVY-DUTY SET** ..... PART NO. 945002

Each set of Hydraulic Power Levelers consists of cartons A, B, C, D, & E listed below:

##### A. Standard Set Master Carton

4—845040—Standard Leveling Units

##### or Heavy Duty Master Carton

2—845040—Standard Leveling Units (Front)  
 2—845041—Heavy Duty Leveling Units (Rear)

##### B. Motor/Pump/Tank Ass'y Carton

1—845035—Motor/Pump/Tank Ass'y

##### C. Control Valve Ass'y Carton

1—845046—Control Valve Ass'y  
 1—845045—Cover Plate  
 1—845047—End Plate

---

1—845008—Mounting Hardware Bag  
 16— $\frac{3}{8}$ "-16 UNC x 1 $\frac{1}{2}$ " Cap Screws  
 18— $\frac{3}{8}$ " External Star Washers  
 16— $\frac{3}{8}$ "-16 UNC Hex nuts  
 18—#10 x  $\frac{3}{4}$ " Sheet Metal Screws  
 2— $\frac{3}{8}$ "-16 UNC x  $\frac{3}{4}$ " Cap Screws  
 20—Wire Ties  
 10—Hose Clamps

##### D. Light System Ass'y Carton

1—845049—Levelize Light Panel  
 1—845048—Level Sensing Unit  
 4—101143—Warning Switches  
 4—143349—Band Type Clamps (metal)

1—845007—Light System Hardware Bag  
 3—Compression Springs  
 4—#10 x 3" Wood Screws  
 1—Red Lamp  
 7—Female Slip-Ons  
 6—#6-22 16 GA. Mini Spring Spades  
 3—#10 x 2" Sheet Metal Screws

##### E. Hose/Bracket Hardware

1—845024-324—27 ft. High-Pressure Hose  
 1—845024-300—25 ft. High-Pressure Hose  
 1—845024-144—12 ft. High-Pressure Hose  
 1—845024-120—10 ft. High-Pressure Hose  
 1—845024-084—7 ft. High-Pressure Hose  
 1—845024-048—4 ft. High-Pressure Hose  
 1—143346—12 ft. Return Line Hose  
 4—745013—Leveler Mounting Plates  
 1—755015—Pump Mounting Plate  
 1—160929—Installation & Operation Manual

#### SPECIFICATIONS

**STANDARD SET** Part No. 945001  
 with four 9,000 lb. lift Standard Leveling Units

|                            |   |
|----------------------------|---|
| System Max. GVW.<br>Stroke | 18,000 lbs.<br>9" (Standard)                    |
| Extended Length            | 23 $\frac{1}{2}$ " (Standard)                   |
| Retracted Length           | 14 $\frac{1}{2}$ " (Standard)                   |
| Mounting Height            | 17 $\frac{1}{2}$ " to 18 $\frac{1}{2}$ " (Std.) |

|                       |  |
|-----------------------|--|
| Area of Foot Pad      | 25 sq. in.   |
| Weight (Total System) | 220 lbs.   |
| Power Requirement     | 12 volts D.C.  |
| Fluid Capacity        | 1 $\frac{1}{2}$ gal. (Tank)<br>Approx. 2 $\frac{1}{2}$ gal. (System) |

**Recommended Fluid** **Dextron II Transmission Fluid**  
**Alternate Fluids** SAE 5W Non-Detergent Motor Oil  
 SAE 10W Non-Detergent Motor Oil  
 SAE 5W Light Hydraulic Oil  
 Type A Transmission Fluid  
 Type B Transmission Fluid  
 Type F Transmission Fluid

**WARNING: Never use Brake Fluid or Hydraulic Jack Fluid.**

**HEAVY-DUTY SET** Part No. 945002  
 with two 9,000 lb. lift Standard Leveling Units  
 and two 16,000 lb. lift Heavy-Duty Leveling Units

|                           |  |
|---------------------------|--|
| System Max GVW.<br>Stroke | 36,000 lbs.<br>8" (Heavy-Duty)                                       |
| Extended Length           | 24" (H-D)  |
| Retracted Length          | 16" (H-D)  |
| Mounting Height           | 19" to 20" (H-D)   |
| Area of Foot Pad          | 36 sq. in. (H-D)   |
| Weight (Total System)     | 220 lbs.   |
| Power Requirement         | 12 volts D.C.  |
| Fluid Capacity            | 1 $\frac{1}{2}$ gal. (Tank)<br>Approx. 2 $\frac{1}{2}$ gal. (System) |

**Recommended Fluid** **Dextron II Transmission Fluid**  
**Alternate Fluids** SAE 5W Non-Detergent Motor Oil  
 SAE 10W Non-Detergent Motor Oil  
 SAE 5W Light Hydraulic Oil  
 Type A Transmission Fluid  
 Type B Transmission Fluid  
 Type F Transmission Fluid

**WARNING: Never use Brake Fluid or Hydraulic Jack Fluid.**

**NOTE: Specifications are subject to change without notice.**

# LOW PROFILE MANUAL HYDRAULICS

## (WITH STANDARD CONTROL PANEL)

### CONTENTS/SPECIFICATIONS

#### CONTENTS

**LOW PROFILE SET** ..... PART NO. 945009  
**HEAVY-DUTY LOW PROFILE SET** ... PART NO. 945010

Each set of Hydraulic Power Levelers consists of cartons A, B, C, D, & E listed below:

#### A. Low Profile Set Master Carton

- 2 - 845039 - Low Profile Leveling Units (Front)
- 2 - 845040 - Standard Leveling Units (Rear)

#### or Heavy Duty Low Profile Master Carton

- 2 - 845039 - Low Profile Leveling Units (Front)
- 2 - 845041 - Heavy Duty Leveling Units (Rear)

#### B. Motor/Pump/Tank Ass'y Carton

- 1 - 845035 - Motor/Pump/Tank Ass'y

#### C. Control Valve Ass'y Carton

- 1 - 845046 - Control Valve Ass'y
- 1 - 845045 - Cover Plate
- 1 - 845047 - End Plate

- 1 - 845008 - Mounting Hardware Bag
- 16 - - 3/8-16 UNC x 1 1/2" Cap Screws
- 18 - - 3/8" External Star Washers
- 16 - - 3/8-16 UNC Hex nuts
- 18 - - #10 x 3/4" Sheet Metal Screws
- 2 - - 3/8-16 UNC x 3/4" Cap Screws
- 20 - - Wire Ties
- 10 - - Hose Clamps

#### D. Light System Ass'y Carton

- 1 - 845049 - Leveze Light Panel
- 1 - 845048 - Level Sensing Unit
- 4 - 101143 - Warning Switches
- 4 - 143349 - Band Type Clamps (metal)

- 1 - 845007 - Light System Hardware Bag
- 3 - - Compression Springs
- 4 - - #10 x 3" Wood Screws
- 1 - - Red Lamp
- 7 - - Female Slip-Ons
- 6 - - #6-22 16 GA. Mini Spring Spades
- 3 - - #10 x 2" Sheet Metal Screws

#### E. Hose/Bracket Hardware

- 1 - 845024-324 - 27 ft. High-Pressure Hose
- 1 - 845024-300 - 25 ft. High-Pressure Hose
- 1 - 845024-144 - 12 ft. High-Pressure Hose
- 1 - 845024-120 - 10 ft. High-Pressure Hose
- 1 - 845024-084 - 7 ft. High-Pressure Hose
- 1 - 845024-048 - 4 ft. High-Pressure Hose
- 1 - 143346 - 12 ft. Return Line Hose
- 4 - 745013 - Leveler Mounting Plates
- 1 - 755015 - Pump Mounting Plate
- 1 - 180929 - Installation & Operation Manual

#### SPECIFICATIONS

**LOW PROFILE SET** Part No. 945009  
with two 9,000 lb. lift Low Profile Leveling Units  
and two 9,000 lb. lift Standard Leveling Units

|                       |   |
|-----------------------|---|
| System Max GVW.       | 18,000 lbs.   |
| Stroke                | 8 1/2" (Low Profile)<br>9" (Standard)                             |
| Extended Length       | 22" (Low Profile)<br>23 1/2" (Standard)                           |
| Retracted Length      | 13 1/2" (Low Profile)<br>14 1/2" (Standard)                       |
| Mounting Height       | 16 1/2" to 17 1/2" (Low Profile)<br>17 1/2" to 18 1/2" (Standard) |
| Area of Foot Pad      | 25 sq. in.  |
| Weight (Total System) | 220 lbs.  |
| Power Requirement     | 12 volts D.C.   |
| Fluid Capacity        | 1 1/2 gal. (Tank)<br>Approx. 2 1/2 gal. (System)                  |

|                          |  |
|--------------------------|--|
| <b>Recommended Fluid</b> | <b>Dextron II Transmission Fluid</b>   |
| Alternate Fluids         | SAE 5W Non-Detergent Motor Oil<br>SAE 10W Non-Detergent Motor Oil<br>SAE 5W Light Hydraulic Oil<br>Type A Transmission Fluid<br>Type B Transmission Fluid<br>Type F Transmission Fluid |

**WARNING: Never use Brake Fluid or Hydraulic Jack Fluid.**

**HEAVY-DUTY LOW PROFILE SET** Part No. 945010  
with two 9,000 lb. lift Low Profile Leveling Units  
and two 16,000 lb. lift Heavy-Duty Leveling Units

|                       |  |
|-----------------------|--|
| System Max GVW.       | 36,000 lbs.                                      |
| Stroke                | 8" (Heavy-Duty)                                  |
| Extended Length       | 24" (Heavy-Duty)                                 |
| Retracted Length      | 16" (Heavy-Duty)                                 |
| Mounting Height       | 19" to 20" (Heavy-Duty)                          |
| Area of Foot Pad      | 36 sq. in. (Heavy-Duty)                          |
| Weight (Total System) | 220 lbs.   |
| Power Requirement     | 12 volts D.C.                                    |
| Fluid Capacity        | 1 1/2 gal. (Tank)<br>Approx. 2 1/2 gal. (System) |

|                          |  |
|--------------------------|--|
| <b>Recommended Fluid</b> | <b>Dextron II Transmission Fluid</b>   |
| Alternate Fluids         | SAE 5W Non-Detergent Motor Oil<br>SAE 10W Non-Detergent Motor Oil<br>SAE 5W Light Hydraulic Oil<br>Type A Transmission Fluid<br>Type B Transmission Fluid<br>Type F Transmission Fluid |

**WARNING: Never use Brake Fluid or Hydraulic Jack Fluid.**

**NOTE: Specifications are subject to change without notice.**

# DELUXE, STANDARD HEIGHT, HYDRAULICS

## (WITH DELUXE CONTROL PANEL)

### CONTENTS/SPECIFICATIONS

**CONTENTS**

DELUXE SET ..... PART NO. 945005  
 DELUXE HEAVY-DUTY SET ..... PART NO. 945006

Each set of Hydraulic Power Levelers consists of cartons A, B, C, D, & E listed below:

**A. Standard Set Master Carton**

4 — 845040 — Standard Leveling Units

**or Heavy Duty Master Carton**

2 — 845040 — Standard Leveling Units (Front)  
 2 — 845041 — Heavy Duty Leveling Units (Rear)

**B. Motor/Pump/Tank Ass'y Carton**

1 — 845035 — Motor/Pump/Tank Ass'y

**C. Valve Ass'y Carton**

1-845148 Valve w/Box  
 1-845149 Light Plate  
 1-845150 Sensor  
 1-845151 Wire Harness  
 4-101143 Warning Switch  
 4-143349 Band Clamp  
 1-845052 Sensor Hdwe. Kit

**D. Hose/Bracket Hardware**

1 — 845024-324 — 27 ft. High-Pressure Hose  
 1 — 845024-300 — 25 ft. High-Pressure Hose  
 1 — 845024-144 — 12 ft. High-Pressure Hose  
 1 — 845024-120 — 10 ft. High-Pressure Hose  
 1 — 845024-084 — 7 ft. High-Pressure Hose  
 1 — 845024-048 — 4 ft. High-Pressure Hose  
 1 — 143346 — 12 ft. Return Line Hose  
 4 — 745013 — Leveler Mounting Plates  
 1 — 755015 — Pump Mounting Plate  
 1 — 160929 — Installation & Operation Manual

**SPECIFICATIONS**

**DELUXE SET** Part No. 945005  
 with four 9,000 lb. lift Standard Leveling Units

|                       |  |
|-----------------------|--|
| System Max GVW        | 18,000 lbs.                                |
| Stroke                | 9" (Standard)                              |
| Extended Length       | 23½" (Standard)                            |
| Retracted Length      | 14½" (Standard)                            |
| Mounting Height       | 17½" to 18½" (Std.)                        |
| Area of Foot Pad      | 25 sq. in.                                 |
| Weight (Total System) | 220 lbs.                                   |
| Power Requirement     | 12 volts D.C.                              |
| Fluid Capacity        | 1½ gal. (Tank)<br>Approx. 2½ gal. (System) |

**Recommended Fluid** **Dextron II Transmission Fluid**  
**Alternate Fluids** SAE 5W Non-Detergent Motor Oil  
 SAE 10W Non-Detergent Motor Oil  
 SAE 5W Light Hydraulic Oil  
 Type A Transmission Fluid  
 Type B Transmission Fluid  
 Type F Transmission Fluid

**WARNING: Never use Brake Fluid or Hydraulic Jack Fluid.**

**DELUXE HEAVY-DUTY SET** Part No. 945006  
 with two 9,000 lb. lift Standard Leveling Units  
 and two 16,000 lb. lift Heavy-Duty Leveling Units

|                       |  |
|-----------------------|--|
| System Max GVW        | 36,000 lbs.                                |
| Stroke                | 8" (Heavy-Duty)                            |
| Extended Length       | 24" (H-D)                                  |
| Retracted Length      | 16" (H-D)                                  |
| Mounting Height       | 19" to 20" (H-D)                           |
| Area of Foot Pad      | 36 sq. in. (H-D)                           |
| Weight (Total System) | 220 lbs.                                   |
| Power Requirement     | 12 volts D.C.                              |
| Fluid Capacity        | 1½ gal. (Tank)<br>Approx. 2½ gal. (System) |

**Recommended Fluid** **Dextron II Transmission Fluid**  
**Alternate Fluids** SAE 5W Non-Detergent Motor Oil  
 SAE 10W Non-Detergent Motor Oil  
 SAE 5W Light Hydraulic Oil  
 Type A Transmission Fluid  
 Type B Transmission Fluid  
 Type F Transmission Fluid

**WARNING: Never use Brake Fluid or Hydraulic Jack Fluid.**

**NOTE: Specifications are subject to change without notice.**

# DELUXE LOW PROFILE MANUAL HYDRAULICS

(WITH DELUXE CONTROL PANEL)  
CONTENTS/SPECIFICATIONS

## CONTENTS

**DELUXE LOW PROFILE SET . . . . . PART NO. 945011**  
**DELUXE LOW PROFILE**  
**HEAVY-DUTY SET . . . . . PART NO. 945012**

Each set of Hydraulic Power Levelers consists of cartons A, B, C, D, & E listed below:

- A. Deluxe Low Profile Set Master Carton**  
2 – 845039 – Low Profile Leveling Units (Front)  
2 – 845040 – Standard Leveling Units (Rear)  
**or Deluxe Low Profile Heavy Duty Master Carton**  
2 – 845039 – Low Profile Leveling Units (Front)  
2 – 845041 – Heavy Duty Leveling Units (Rear)
- 
- B. Motor/Pump/Tank Ass'y Carton**  
1 – 845035 – Motor/Pump/Tank Ass'y
- 
- C. Valve Ass'y Carton**  
1 – 845148 – Valve w/Box  
1 – 845149 – Light Plate  
1 – 845150 – Sensor  
1 – 845151 Wire Harness  
4 – 101143 Warning Switch  
4 – 143349 Band Clamp  
1 – 845052 Sensor Hdwe. Kit
- 
- D. Hose/Bracket Hardware**  
1 – 845024-324 – 27 ft. High-Pressure Hose  
1 – 845024-300 – 25 ft. High-Pressure Hose  
1 – 845024-144 – 12 ft. High-Pressure Hose  
1 – 845024-120 – 10 ft. High-Pressure Hose  
1 – 845024-084 – 7 ft. High-Pressure Hose  
1 – 845024-048 – 4 ft. High-Pressure Hose  
1 – 143346 – 12 ft. Return Line Hose  
4 – 745013 – Leveler Mounting Plates  
1 – 755015 – Pump Mounting Plate  
1 – 160929 – Installation & Operation Manual

## SPECIFICATIONS

**DELUXE LOW PROFILE SET Part No. 945011**  
**with two 9,000 lb. lift Low Profile Leveling Units**  
**and two 9,000 lb. lift Standard Leveling Units**

|                       |   |
|-----------------------|---|
| System Max GVW.       | 18,000 lbs.   |
| Stroke                | 8½" (Low Profile)<br>9" (Standard)                    |
| Extended Length       | 22" (Low Profile)<br>23½" (Standard)                  |
| Retracted Length      | 13½" (Low Profile)<br>14½" (Standard)                 |
| Mounting Height       | 16½" to 17½" (Low Profile)<br>17½" to 18½" (Standard) |
| Area of Foot Pad      | 25 sq.in.   |
| Weight (Total System) | 220 lbs.  |
| Power Requirement     | 12 volts D.C.   |
| Fluid Capacity        | 1½ gal. (Tank)<br>Approx. 2½ gal. (System)            |

**Recommended Fluid**  
Alternate Fluids

**Dextron II Transmission Fluid**  
SAE 5W Non-Detergent Motor Oil  
SAE 10W Non-Detergent Motor Oil  
SAE 5W Light Hydraulic Oil  
Type A Transmission Fluid  
Type B Transmission Fluid  
Type F Transmission Fluid

**WARNING: Never use Brake Fluid or Hydraulic Jack Fluid.**

**DELUXE LOW PROFILE HEAVY-DUTY SET Part No. 945012**  
**with two 9,000 lb. lift Low Profile Leveling Units**  
**and two 16,000 lb. lift Heavy-Duty Leveling Units**

|                       |  |
|-----------------------|--|
| System Max GVW.       | 36,000 lbs.                                |
| Stroke                | 8" (Heavy-Duty)                            |
| Extended Length       | 24" (Heavy-Duty)                           |
| Retracted Length      | 16" (Heavy-Duty)                           |
| Mounting Height       | 19" to 20" (Heavy-Duty)                    |
| Area of Foot Pad      | 36 sq. in. (Heavy-Duty)                    |
| Weight (Total System) | 220 lbs.                                   |
| Power Requirement     | 12 volts D.C.                              |
| Fluid Capacity        | 1½ gal. (Tank)<br>Approx. 2½ gal. (System) |

**Recommended Fluid**  
Alternate Fluids

**Dextron II Transmission Fluid**  
SAE 5W Non-Detergent Motor Oil  
SAE 10W Non-Detergent Motor Oil  
SAE 5W Light Hydraulic Oil  
Type A Transmission Fluid  
Type B Transmission Fluid  
Type F Transmission Fluid

**WARNING: Never use Brake Fluid or Hydraulic Jack Fluid.**

**NOTE: Specifications are subject to change without notice.**