HYDRAULIC HOOKUP DIAGRAM
DELUXE & STANDARD CONTROL SYSTEM

NOTE: The PRESSURE port is one of the two ports closer to the side with the adjustable relief valve. See detail below.

PUMP/MOTOR/TANK ASSEMBLY

RETURN: USE FEMALE COMPRESSION FITTING
PRESSURE: USE MALE FLARE FITTING

END HEAD CASTING
ADJUSTABLE RELIEF VALVE

PUMP/MOTOR/TANK ASSEMBLY

NOTE: WHEN ROUTING HOSES BE SURE THEY ARE NOT EXPOSED TO ENGINE EXHAUST, OR ANY HIGH TEMPERATURE COMPONENTS OF THE VEHICLE, OR TO ANY SHARP EDGES OF THE VEHICLE. DEPENDING UPON THE VEHICLE CONFIGURATION, IT MAY BE NECESSARY TO ADEQUATELY INSULATE THE HOSES TO PREVENT DAMAGE.
ELECTRICAL HOOKUP DIAGRAM
STANDARD CONTROL SYSTEM

NOTE: WHEN ROUTING ELECTRICAL WIRES BE SURE THEY ARE NOT EXPOSED TO ENGINE, EXHAUST OR ANY HIGH TEMPERATURE COMPONENTS OF THE VEHICLE; OR TO ANY SHARP EDGES OF THE VEHICLE. DEPENDING UPON THE VEHICLE CONFIGURATION, IT MAY BE NECESSARY TO ADEQUATELY INSULATE THE WIRES TO PREVENT DAMAGE.
ELECTRICAL HOOKUP DIAGRAM

DELUXE CONTROL SYSTEM

NOTE: WHEN ROUTING ELECTRICAL WIRING BE SURE THEY ARE NOT EXPOSED TO ENGINE, EXHAUST, OR ANY HIGH TEMPERATURE COMPONENTS OF THE VEHICLE, OR TO ANY SHARP EDGES OF THE VEHICLE. DEPENDING UPON THE VEHICLE CONFIGURATION, IT MAY BE NECESSARY TO ADEQUATELY INSULATE THE WIRES TO PREVENT DAMAGE.
1. Mounting of valve assembly requires a 5.00" × 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

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 Assy' Carton
1—845035—Motor/Pump/Tank Assy' 

C. Control Valve Assy' Carton
1—845046—Control Valve Assy'
1—845045—Cover Plate
1—845047—End Plate

D. Light System Assy' Carton
1—845049—Leveler 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—#8-22 x 1/2" Mini Spring Spacers
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—160829—Installation & Operation Manual

SPECIFICATIONS

STANDARD SET Part No. 945001
with four 5,000 lb. Lift Standard Leveling Units

System Max. GVW. 18,000 lbs.
Stroke 9" (Standard)

Extended Length 23¼" (Standard)
Retracted Length 14¼" (Standard)
Mounting Height 17½" to 19½" (Std.)

Area of Foot Pad 25 sq. in.
Weight (Total System) 220 lbs.
Power Requirement 12 volts D.C.
Fluid Capacity 1/2 gal. (Tank)
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.

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. 36,000 lbs.
Stroke 6" (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)
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.
### 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:

<table>
<thead>
<tr>
<th>Component</th>
<th>Carton Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Low Profile Set Master Carton</td>
<td>2 - 845039 - Low Profile Leveling Units (Front)</td>
</tr>
<tr>
<td></td>
<td>2 - 845040 - Standard Leveling Units (Rear)</td>
</tr>
<tr>
<td>or Heavy Duty Low Profile Master Carton</td>
<td>2 - 845039 - Low Profile Leveling Units (Front)</td>
</tr>
<tr>
<td></td>
<td>2 - 845041 - Heavy Duty Leveling Units (Rear)</td>
</tr>
<tr>
<td>B. Motor/Pump/Tank Assy Carton</td>
<td>1 - 845055 - Motor/Pump/Tank Assy</td>
</tr>
<tr>
<td>C. Control Valve Assy Carton</td>
<td>1 - 845046 - Control Valve Assy</td>
</tr>
<tr>
<td></td>
<td>1 - 845045 - Cover Plate</td>
</tr>
<tr>
<td></td>
<td>1 - 845047 - End Plate</td>
</tr>
<tr>
<td>D. Light System Assy Carton</td>
<td>1 - 845049 - Levellozo Light Panel</td>
</tr>
<tr>
<td></td>
<td>1 - 845048 - Level Sensor Unit</td>
</tr>
<tr>
<td></td>
<td>4 - 101413 - Warning Switches</td>
</tr>
<tr>
<td></td>
<td>4 - 143249 - Band Type Clamps (metal)</td>
</tr>
<tr>
<td>E. Hose/Bracket Hardware</td>
<td>1 - 845024 - 324 - 27 ft. High Pressure Hose</td>
</tr>
<tr>
<td></td>
<td>1 - 845024 - 300 - 25 ft. High Pressure Hose</td>
</tr>
<tr>
<td></td>
<td>1 - 845024 - 144 - 12 ft. High Pressure Hose</td>
</tr>
<tr>
<td></td>
<td>1 - 845024 - 120 - 10 ft. High Pressure Hose</td>
</tr>
<tr>
<td></td>
<td>1 - 845024 - 064 - 7 ft. High Pressure Hose</td>
</tr>
<tr>
<td></td>
<td>1 - 845024 - 048 - 4 ft. High Pressure Hose</td>
</tr>
<tr>
<td></td>
<td>1 - 143346 - 12 ft. Return Line Hose</td>
</tr>
<tr>
<td></td>
<td>4 - 745013 - Leveler Mounting Plates</td>
</tr>
<tr>
<td></td>
<td>1 - 755015 - Pump Mounting Plate</td>
</tr>
<tr>
<td></td>
<td>1 - 160939 - Installation &amp; Operation Manual</td>
</tr>
</tbody>
</table>

### 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:** 8½" (Low Profile) / 9" (Standard)
- **Extended Length:** 22" (Low Profile) / 23½" (Standard)
- **Retracted Length:** 13½" (Low Profile) / 14½" (Standard)
- **Mounting Height:** 16¼" to 17¼" (Low Profile) / 17¼" to 18¼" (Standard)
- **Area of Foot Pad:** 25 sq. ft.
- **Weight (Total System):** 220 lbs.
- **Power Requirement:** 12 volts D.C.
- **Fluid Capacity:** 1½ gal. (Tank)
- **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

**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:** 1½ gal. (Tank)
- **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, 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 Unite (Rear)

B. Motor/Pump/Tank Assy’y Carton
   1—845035—Motor/Pump/Tank Assy’y

C. Valve Assy’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 Holde. Kit

D. Hose/Bracket Hardware
   1—845024-224—27 ft. High-Pressure Hose
   1—845024-300—25 ft. High-Pressure Hose
   1—845024-14—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 Plts
   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.
Stoke 9" (Standard)
Extended Length 23¾" (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)

Recommended Fluid
Dexron 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 Unites

System Max GVW. 36,000 lbs.
Stoke 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)

Recommended Fluid
Dexron 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

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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 — 845082 Sensor Hdw. 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)
                       6'' (Standard)
Extended Length .......... 22'' (Low Profile)
                       23½'' (Standard)
Retracted Length ........ 13½'' (Low Profile)
                       14½'' (Standard)
Mounting Height ........ 16½'' to 17½'' (Low Profile)
                       17¾'' 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)
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 LOW PROFILE HEAVY-DUTY SET Part No.
945012 with two 9,000 lb. Lift Low Profile Leveling Units
and two 15,000 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)
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.