IMPORTANT: READ THE FOLLOWING INFORMATION BEFORE OPERATING YOUR:

19", 22", 25", 28", and 31"
"C" TYPE STABILIZING JACK
FOR USE ON TRAVEL TRAILERS AND 5TH WHEEL TRAILERS

INSTALLATION AND OPERATING INSTRUCTIONS

THIS TELESCOPIC STABILIZING JACK IS DESIGNED FOR:
FINE LEVELING AND STABILIZING TRAVEL TRAILERS AND 5TH WHEEL TRAILERS.

SAFETY WARNINGS:

- **DO NOT** ATTEMPT TO USE THIS STABILIZING JACK TO LIFT EXCESSIVE WEIGHT OR TIRES OFF OF THE GROUND - VEHICLE FRAME AND DOOR JAM DAMAGE MAY OCCUR. USE ONLY STOCK HANDLE SUPPLIED.

- **DO NOT** ATTEMPT TO USE THIS STABILIZING JACK FOR ANY PURPOSE OTHER THAN ITS INTENDED DESIGN.
PARTS LIST

<table>
<thead>
<tr>
<th>Item #</th>
<th>Part #</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P857610</td>
<td>INSTALLATION KIT</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>P855500</td>
<td>ARM, 12&quot; C-JACK</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>P855502</td>
<td>DRIVE ROD, 12&quot; C-JACK</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>P855502</td>
<td>LINK, 12&quot; C-JACK</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>R857000</td>
<td>SCISSOR JACK DRIVE TRUNION</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>950113</td>
<td>5/8-11 X 7/8&quot; HEX BOLT, GRADE 2</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>950113</td>
<td>5/8-11 X 7/8&quot; HEX BOLT, GRADE 2</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>P855500</td>
<td>T-BRACKET C-JACK</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>R853048</td>
<td>3/8-16 x 4.0 HEX BOLT, GRADE 2</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>R853048</td>
<td>3/8-16 x 4.0 HEX BOLT, GRADE 2</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>R857000</td>
<td>HUBBARD, HAIR PIN CLIP</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>950113</td>
<td>5/8-11 X 7/8&quot; HEX BOLT, GRADE 2</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>950113</td>
<td>5/8-11 X 7/8&quot; HEX BOLT, GRADE 2</td>
<td>2</td>
</tr>
<tr>
<td>14</td>
<td>R857000</td>
<td>HUBBARD, HAIR PIN CLIP</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>950113</td>
<td>5/8-11 X 7/8&quot; HEX BOLT, GRADE 2</td>
<td>2</td>
</tr>
<tr>
<td>16</td>
<td>950113</td>
<td>5/8-11 X 7/8&quot; HEX BOLT, GRADE 2</td>
<td>2</td>
</tr>
<tr>
<td>17</td>
<td>950113</td>
<td>5/8-11 X 7/8&quot; HEX BOLT, GRADE 2</td>
<td>2</td>
</tr>
</tbody>
</table>

DETERMINING CORRECT MOUNTING LOCATION

NOTE: CHECK GROUND CLEARANCE PRIOR TO INSTALLATION.

TRAVEL TRAILER AND 5TH WHEEL TRAILER MOUNTING PLACEMENT

WHEN SELECTING PLACEMENT FOR INSTALLATION...

- Be sure that there is adequate ground clearance.
- Be sure that drive screw is accessible.

NOTE: ANY OBJECT PROTRUDING BELOW THESE LINES CAN BE DAMAGED, DRAGGED OFF OR DESTROYED IN UNEVEN TERRAIN (ENTERING OR EXITING DRIVEWAYS, DRIVING OFF ROAD, ETC.)

INSTALLATION WITHOUT CENTER SUPPORT CHANNEL

DIFFERENT JACK SIZES AVAILABLE TO WORK ON ALL TRAILER MODELS

BAL “C” Type Stabilizers are designed to mount to the trailer frame where the crossmember meets the main frame member. On some trailers the frame is enclosed with a underskin.
To find frame crossmembers, locate screw or rivet line that uses a crossmember to support the underskin.

NOTE: Using the criteria above under the title “Determining Correct Mounting Location”, do the following:

A. Find the closest existing crossmember to secure the “C” stabilizer and provide clear ground clearance.
B. If there is no crossmember at the desired location, use a support channel to support the inside channel of both jacks. For 19”, 22”, & 25” jacks, use #23205 (42” channel).
For 28” & 31” jacks, use #23206 (31” channel).
Proceed with installation.
**INSTALLATION WITH CENTER SUPPORT CHANNEL**

Tools required: hammer, center punch, high speed drill, 13/64" diameter drill bit, & 3/8" bit socket

**NOTE:** Park trailer on level ground. Prevent wheels from rolling by using tire chocks, landing gear, or tongue jack.

**STEP 3.** Using 3/8" socket bit & drill, attach the stabilizer to the trailer frame with four 1/4" self-drilling screws & star washers (Figure 2).

**STEP 4.** For installations using center support channel, use a small "C" clamp to hold jacks & support channel in place. Drill two 13/64" diameter holes in the overlap area through both jacks and support channel. Using a 3/8" socket, run the 1/4" self-drilling screws with star washers into place (Figure 3). For installations without center support channel, run 1/4" self-drilling screws through hole at end of jacks into crossmember.

**STEP 5.** Crank stabilizers up before moving trailer.

**WELD-ON INSTALLATION**

**STEP 1.** Refer to Step 1 of "Installation With Self-Drilling Screws".

**STEP 2.** With stabilizer in desired location, clamp in place and weld (4) 1" welds near mounting holes as shown (Figure 4).

**STEP 3.** For installations using center support channel, use a small "C" clamp to hold jacks & support channel in place. Drill two 13/64" diameter holes in the overlap area through both jacks and support channel. Using a 3/8" socket, run the 1/4" self-drilling screws with star washers into place (Figure 3). For installations without center support channel, run 1/4" self-drilling screws through hole at end of jacks into crossmember.

**STEP 4.** Crank stabilizers up before moving trailer.

**OPERATION**

**STEP 1.** Park RV on level ground, prevent wheels from rolling by using tire chocks.

**STEP 2.** Level trailer fore and aft using tongue jack or landing gear.

**STEP 3.** Check level gauge for low side of trailer, crank down stabilizers on low side first, bringing the trailer to a fine level position.

**STEP 4.** Crank down stabilizers on opposite side of trailer to insure maximum stability. Then re-snug stabilizers on low side of trailer if necessary.

**NOTE - BEFORE MOVING TRAILER:** Crank up stabilizers to fully closed position and tighten 1/4 turn to secure in travel position (this prevents stabilizers from working open due to road vibration).

**MAINTENANCE:** Use small amounts of WD-40 or similar lubricant on drive screw threads and bolt locations as required.
**KING PIN STABILIZING JACK**
- Maximum stability for frame overhang
- Sets up in seconds
- Simple to operate
- Heavy duty construction includes heat treated jack post
- Lightweight, easy to store
- Chrome Jacking Handle with rubber grip
- Large diameter Base Pads, heavy duty chain and hooks

**KING PIN LOCK**
- Prevents 5th wheel trailer-hitch hook up
- Locks BAL 5th Wheel King Pin Stabilizing Jack to the king pin to prevent theft of BAL Stabilizing Jacks
- Chrome plated
- Die cast for long life
- 2 position lock
- Patented star key design

**DELUXE SCISSORS TIRE LOCKING CHOCK**
- Locks tandem wheels by applying opposing force to tires
- Aids in trailer stabilizing, stops tire shift
- Extends from 2-1/2" to 10"
- Rust inhibitive coating
- Plated ratchet wrench with comfort bumper
- Lightweight, easy to store
- Patents pending

**TONGUE TWISTER**
- Eliminates trial and error hitch alignment
- Side to side or diagonal placement moves trailer any direction with pin-point accuracy
- Chrome plated ratchet wrench moves trailer with ease
- Rust inhibitive coating

**RV STABILIZING JACKS**
- Maximum stability up to 36" from the ground to frame
- Heavy duty construction, rust inhibitive coating
- Lightweight and easy to store
- Two piece chrome jacking handle with rubber grip

**TIRE LOCKING CHOCKS**
- Locks tandem wheels by applying opposing force to tires
- Prevents trailer from rolling
- Aids in trailer stabilizing, stops tire shift

**LEVELING SCISSOR JACKS**
- Levels and stabilizes
- One unit fits all RV's, front or rear
- Easy to operate
- 5000 lbs. lifting capacity per jack
- Heavy duty, all steel construction
- Rust inhibitive coating

**STABILIZER BASE PADS**
- 7-1/4" diameter provides a firm footing on loose ground
- Easy to install, all hardware supplied
- Rubber sleeve prevents rattle during travel

For information or parts contact: BAL RV PRODUCTS GROUP, A Division of Norco Industries Inc.
365 W. Victoria St., Compton, CA 90220, (310) 639-4000 or (213) 636-1176

© NORCO INDUSTRIES, INC. 1995