

BREAKAWAY CABLE

Secure the breakaway cable solidly to the bumper or frame of tow vehicle as close to center as possible (do not attach to safety chains). The cable must hang clear of the trailer tongue and be long enough to permit short radius turns without pulling the cable. Do not loop S-hook over breakaway cable to attach it.



CAUTION

If the breakaway cable is accidentally pulled, determine cause and correct. **ALWAYS** reset to prevent damage to brakes.

Inadvertent setting of the brakes by pulling the breakaway cable is the single most common mistake users make. To prevent light pulls from accidentally setting trailer brakes, a small metal clip has been installed on breakaway cable in front of the indicator bead. The clip will not inhibit the action of the breakaway mechanism during actual breakaway conditions. However, if breakaway should occur the clip will be destroyed and should be replaced. Spare clips are attached to the cover of this manual.

To retract the breakaway cable, fully extend the actuator and push up on the pushrod release bracket located on the underside and behind the ball socket to allow the bead to retract into the actuator. This will release the trailer brakes. Install new clip on breakaway cable in front of bead.

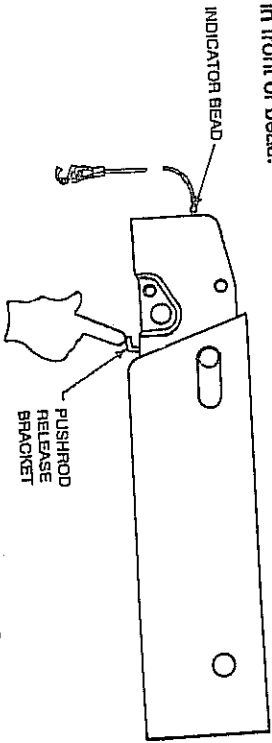


FIGURE 9 CHECKING AND RESETTING BREAKAWAY CABLE

If pushing up on the bracket does not release the brakes or if it is hard to push, insert a screwdriver into the 5/16" hole behind the bracket. Use screwdriver to stroke push rod backwards to relieve load on bracket. Push up on bracket and hold up while releasing screwdriver. The pushrod release bracket should now move freely and brakes should be released.

Check to see if the actuator is reset. Extend the actuator fully. Remove the cap from the top of the actuator and pull the plug from top of the reservoir cover. While looking at fluid in the reservoir, manually compress actuator. In the first 1/8" of stroke the fluid in the reservoir should "splash" or "ripple" slightly. If it does, the actuator is working properly.

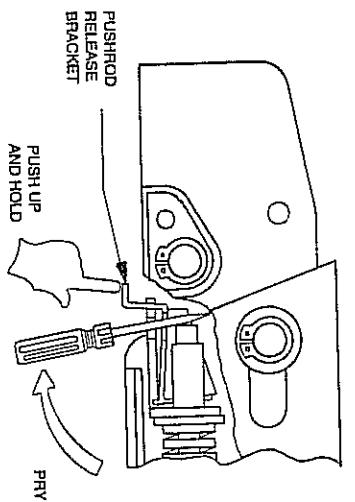


FIGURE 10 STROKING THE PUSHROD TO RELEASE BRAKES

Note: If brakes can not be released using above method or if pushrod release bracket will not move, it is damaged beyond serviceability. Contact UFP for repair parts.

SAFETY CHECKS BEFORE TOWING

ACTUATOR CONDITION

Examine the actuator for evidence of external damage, bent parts or excessive wear. Replace parts as necessary. Check to determine that mounting bolts (if equipped) are tight.

COUPLER

The release handle in the coupler portion of the actuator closes freely with finger pressure when the coupler is properly seated onto the hitch ball.

COUPLER CHECK PROCEDURE

To make certain the coupler portion of the actuator is securely latched onto the ball, take a moment, look under the coupler and make a visual check. An alternate check is to extend the trailer tongue jack to the ground and lift the tow vehicle and trailer combination 2" to 4". If the ball does not disengage, the actuator is securely attached. If ball does disengage, reset ball in coupler and recheck.



WARNING

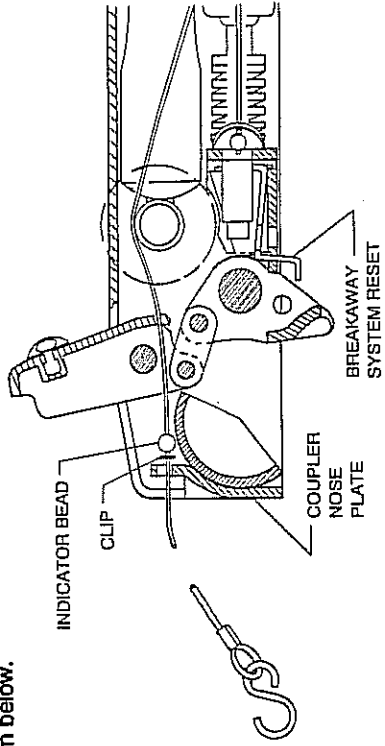
If ball disengages from coupler, or latch opens without pushing button first, **DO NOT TOW TRAILER – CONTACT FACTORY.**

Note: Under some conditions the coupler may not open or close if trailer tongue is positioned to cause an excessive upward or forward force with respect to tow vehicle, (parking on a downhill grade for example) or if shank of hitch ball is very large. Correct the problem

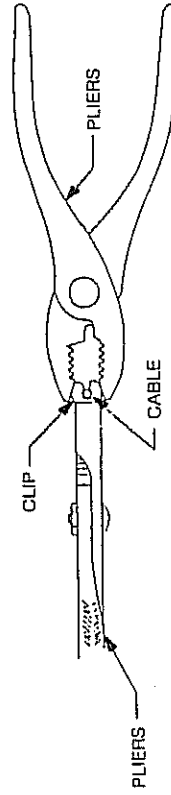
BREAKAWAY CABLE CLIP INSTALLATION INSTRUCTIONS

The breakaway cable clip is installed on the breakaway cable to prevent inadvertent pressurization of trailer brakes if cable is lightly pulled accidentally. Should the breakaway cable be pulled, during emergency situations, the clip will be destroyed. The breakaway system must be reset by pushing up on the tab located under coupler and the clip must be replaced.

To install clip, open latch handle and pull enough cable out of coupler body to make installation of clip easier. Clip must be installed on cable in front of indicator bead as shown below.



Hold clip with pliers and insert over cable. Use a second set of pliers to gently close the opened end of clip. Clip should be free to move on cable.



CAUTION

The breakaway system reset tab must be pushed up after clip installation and anytime the cable has been pulled.