

INSTRUCTION SHEET
1976-80 CHEVY LUV 4WD PICK-UP SERIES
STYLE #1602-52

NOTICE

1. This Tow Bar is designed to be parallel to the ground when it is attached to both the towed and towing vehicles. If the Tow Bar is at an angle, there is a risk of damage or accident.
2. This Tow Bar has been designed to tow a manual transmission car or an automatic which has been equipped with a transmission pump, drive shaft disconnect or half shaft disconnect.
3. The transmission should be placed in neutral when towing.
4. Unlock the steering wheel to allow the front wheels of the towed vehicle to "track".
5. Be sure the car being towed is properly aligned.
6. USE SAFETY CABLE OR CHAIN (see sketch). Blue Ox Style #8805 (5ft) or #8806 (6ft) Safety Cable Kit is recommended. The shorter #8805 is normally best.
7. Adjust the coupler for proper fit to the ball (see coupler adjustment). For added security, place a lock, pin or bolt through the hole provided in the coupler locking lever.
8. Check the vehicle to vehicle clearance in a turning situation.
9. Most states require lighting at the rear of the towed car. A Blue Ox Style #8811 Wiring Kit or Style #8813 Light Bar is recommended.
10. Prior to starting on a towing trip, check to be sure all towing accessories and attachment points are secure; ie. all bolts tight and no cracked welds. This is important on all occasions but particularly on a new installation. All bolted connections and weldments on a new installation should be checked just prior to initial towing and again after 100-200 miles of towing.
11. Do Not Back Up when towing. Backing up may damage the Tow Bar assembly or the towed car's chassis.
12. Avoid sharp turns and rough terrain. Check installation after any unusual event and periodically on a long trip.
13. Do not use towed vehicle for storing luggage, etc.; you may exceed the towing capacity of the Tow Bar.

PARTS LIST

1. 1 - Tow Bar (purchased separate)
2. 2 - Base Plate
3. 2 - 1/2" diameter pins
4. 2 - hairpin clips
5. 6 - 12mm X 40mm bolts grd.8.8

SPECIAL NOTICE

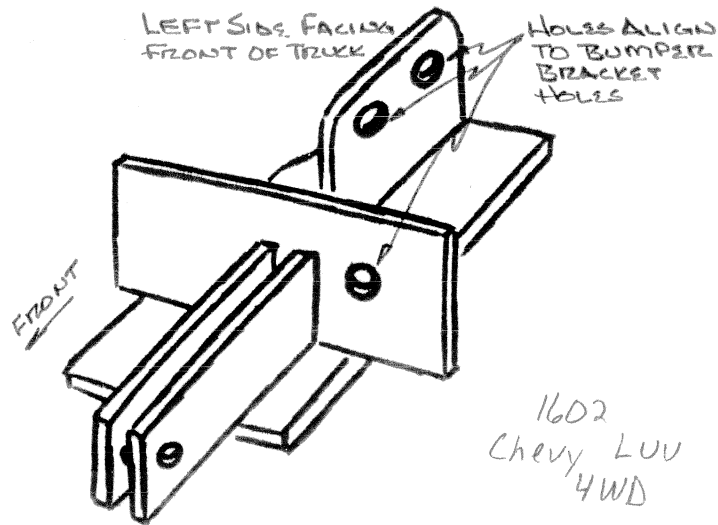
1. Blue Ox Towing products and accessories are intended to be installed by professional installers with experience, proper equipment, and knowledge of how to do "fit" work. Installers with this background will normally be found in Hitch Shops or RV/Automotive Service Centers.
2. If the car to be towed has been in an accident, the chassis may be damaged in an area where the Base Plate attaches. It may no longer be suitable for towing. Extreme caution and careful

examination are required in such a situation. It is also likely, even from a minor accident, that the installation will be more difficult due to hole alignment problems.

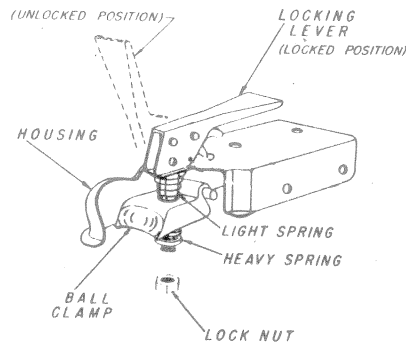
3. Many Blue Ox Base Plates are designed to use existing holes and hardware to mount the Base Plate to the towed vehicle. Even though the bolt is there however, do not assume it is adequate for mounting the Base Plate. Manufacturers make many changes in hardware both within and between model years. Be sure the bolt is long enough to protrude past the nut a distance no less than 1/2 the diameter of the bolt, after the Base Plate is mounted. The threads should be in "as new" condition. It is recommended that "Loctite Blue" be used. If a new bolt is required, be sure it is SAE Grade 5 or Metric 8.8.

INSTALLATION

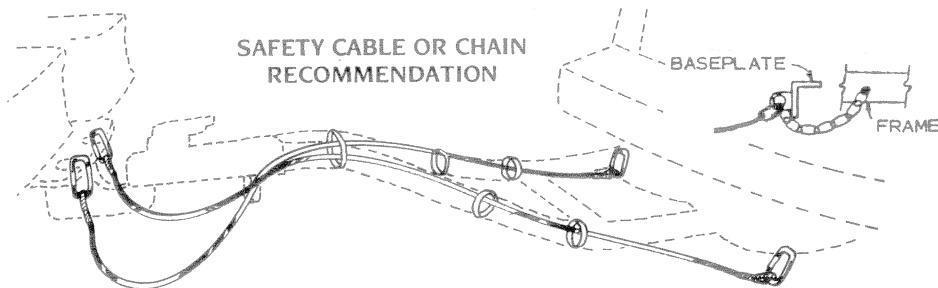
1. The Tow Bar assembly consists of a permanently mounted Base Plate and a detachable Tow Bar.
2. The Base Plate mounts to the vehicle using six bolts; three on each side. These mount the bumper bracket to the chassis.
3. Doing one side at a time, remove the three bumper mounting bracket bolts. Inspect the female threads on the "nut" side to be sure they are in "as new" condition.
4. Locate the appropriate Base Plate (see sketch) over the mounting bracket aligning the single front hole and the two side holes.
5. Using the 12mm X 40mm bolts provided, bolt the Base Plate and bumper bracket to the chassis. Tighten to about 70 ft-lbs torque. Use the bolts provided - The existing bolts are too short.
6. The front bolt is close fitting - be patient and tighten it adequately.
7. Do the other side in the same manner.
8. The dimensional variations between otherwise identical cars can be considerable. While the location and size of the holes in the Base Plate were designed to facilitate easy installation, it may be necessary to file or drill a hole slightly to allow a bolt to clear.
9. With all bolts properly installed, you are ready to install the Tow Bar. Hold the Tow Bar in position with the tabs aligned inside the tabs on the Base Plate and insert the pins. Slide the hairpin clips through the holes in the pins.
10. INSTALL A SAFETY CABLE OR CHAIN AND ADJUST THE COUPLER.
(SEE SKETCHES)
11. Do Not Substitute other devices if the pin and clip are lost.



COUPLER FIT ADJUSTMENT



1. Using a 3/4" socket adjust the coupler to the ball by turning the nut. Tighten or loosen the nut until firm contact between coupler and ball is established.
2. Check ball to housing tension periodically and tighten if necessary.
3. Lightly lubricate the ball.



1. "X" pattern below Tow Bar solidly connected to the frame of the towing car and to the Base Plate convenience loops.
2. Permanent chains connected to the convenience loops and to the frame of the towed car.
3. Use cable or chain with at least the load rating that is on the coupler.