

DEALER  
BE CERTAIN  
USER RECEIVES  
INSTRUCTION SHEET

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MAZDA MPV VAN  
STYLE #2505

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 suitable pump or driveshaft disconnect.
3. Be sure the car being towed is properly aligned.
4. USE SAFETY CABLE(see sketch). Blue ox style #8805 or #8806 Safety Cable Kit is recommended.
5. Do not back up when towing. Backing up will damage the tow bar.
6. Unlock steering wheel to allow front wheels of towed vehicle to "track".
7. 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.
8. Avoid sharp turns and rough terrain. Check installation after any unusual event and periodically on a long trip.
9. Check the vehicle to vehicle clearance in a turning situation.
10. Do not use towed vehicle for storing luggage, etc. As you may exceed the towing capacity of the tow bar.
11. 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.

PARTS LIST

TOOLS

- |                               |                      |
|-------------------------------|----------------------|
| 1. 1-Tow Bar                  | 10mm Socket          |
| 2. 1-Base Plate Cross Tube    | 12mm Socket          |
| 3. 1 EA RH & LH Side Plate    | 12mm Open End Wrench |
| 4. 2- 1/2" diameter Pins      |                      |
| 5. 2-Hairpin Clips            |                      |
| 6. 12- 8mm - 1.25 - 35mm      |                      |
| 7. 12- 8mm Lockwashers        |                      |
| 8. 12- 3/8" Side Flat Washers |                      |
| 9. 4- 1/2" - 13 x 1 1/2 Bolts |                      |
| 10. 4- 1/2" Lockwashers       |                      |

### SPECIAL NOTICE

This tow bar is designed to use existing holes and hardware to mount the base plate on the car. 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 the diameter of the bolt, after the base plate is mounted. The threads should be in "as new" condition and it is recommended that "locktite" be used. If a new bolt is required, be sure it is SAE Grade 5 or better.

### 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 front underside of the car using twelve bolts; six on each side.
3. Remove the horn and accumulator bottle on the passenger side for access. Replace when the Base Plate is installed. 10mm socket.
4. Remove the tie-down brackets on both sides. Use a 12mm socket on all bolts except the top on the passenger side which requires the open end wrench.
5. The dimensional variations between other wise identical cars can be considerable. While the location and the size of the holes in the base plate were designed to facilitate easy installation, it may be necessary to file a hole slightly to allow a bolt to clear.
6. Install each side plate loosely using the new 8mm bolt, lockwasher, and flatwasher provided. Use locktite.
7. Install cross tube to side plates using 1/2-13 bolts and lockwashers. Use locktite.
8. Tighten all bolts.
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 baseplate and insert the pins. Slide the hairpin clips through the holes in the pins.  
INSTALL A SAFETY CHAIN AND ADJUST THE COUPLER

10. Do not substitute other devices if the pin and clip are lost.