



## Installation Instructions BX3739 Toyota Avalon 2000-03

Serial No.

DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET. The front bumper fascia and metal bumper are removed for baseplate installation. Holes need to be drilled. Attachment tabs are 22 3/4" center to center and a height of 14".



**Figure 1**

1. Open the hood and remove the push pins from the top of the plastic fascia. Figure 1.

2. Remove the Phillip screws underneath front end just forward of tires both sides. Figure 2.



**Figure 2**

3. Remove Hex bolt underneath fascia above front tire, both sides. Pull bumper fascia forward and remove. Figure 3.

4. After bumper is off remove nuts on front side of bumper frame just below metal bumper. Figure 4.



**Figure 3**

5. Hold baseplate over bolt and use hardware shown on last page. DO NOT tighten. Figure 4.

6. Drill 3/8 inch hole both for sides and use hardware shown on last page, tighten all fittings according to torque chart in general instruction sheet. Figure 5.

7. Drill remaining 1/2 inch hole on center of baseplate, use hardware shown in drawing on last page tighten bolt. Figures 6 and 7.

8. Replace bumper fascia and any electrical wiring disconnected during the installation.



**Figure 4**



**Figure 5**



**Figure 6**



**Figure 7**

# Automatic

## Tools Required

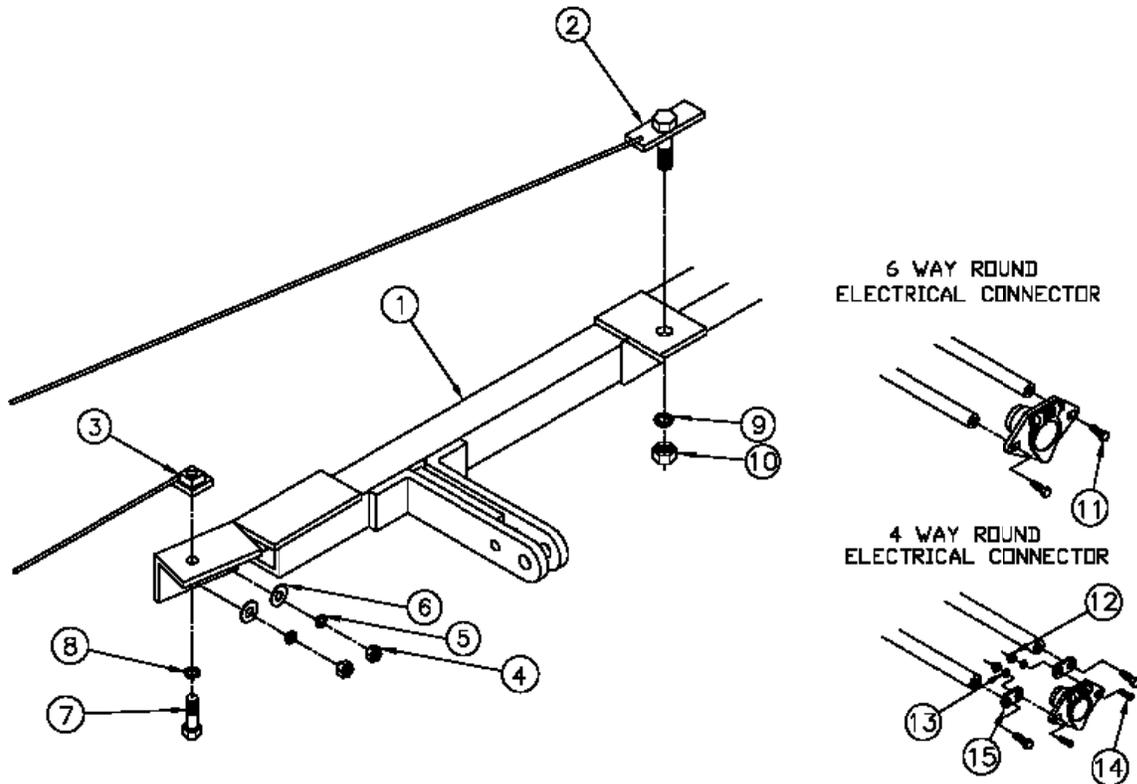
9/16" Wrench  
3/4" Wrench

3/8 Inch Drill Bit  
1/2 Inch Drill Bit

Loctite

## Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-5476	Weldment, Baseplate, BX3739
2	1	61-5548	Weldment, 1/2-13 x 2 Bolt Plate with 26" Wire
3	2	61-5208	Weldment, 3/8 Nut Plate with Wire
4	4	202-0118	8MM-1.25 Hex Nut, ZP
5	4	203-0102	8MM Lock Washer, ZP
6	4	203-0107	8MM Flat Washer, ZP
7	2	201-0368	3/8-16 x 1 1/4 Hex Head Bolt, Grd
8	2	203-0010	3/8 Lock Washer, ZP
9	1	203-0012	1/2 Lock Washer, ZP
10	1	202-0005	1/2-13 Hex Nut, ZP
11	2	201-0979	#12-14 x 1" Self Drilling Screw, ZP
12	2	202-0047	#10-32 Hex Nut
13	2	203-0054	#10 Lock Washer
14	2	201-0192	#10-32 x 1/2 Slot, RD. HD. Screw
15	2	101-5822	Adapter, 4 Way Connector
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not Shown)
	4	229-0359	Quicklink, 3/8, ZP (Not Shown)



# General Information

1. Ensure that your product(s) are registered online at [www.blueox.com](http://www.blueox.com). It is crucial to register your product(s) so that you may be alerted of product offerings, updates, upgrades, maintenance and safety bulletins, and/or recalls.
2. **It is the owner's responsibility to inspect all towing equipment for cracked welds, missing or worn parts and loose bolts before each towing trip.** Be sure to use Loctite® Red on all bolts and tighten to the recommended specifications.
3. **It is the owner's responsibility to hook up all towing equipment per manufacturer's instructions/recommendations.**
4. Remove the attachment tabs when not in use (if applicable).

## Notice To Baseplate Installer

### 1. It is YOUR responsibility to watch for:

- Oil cooler and air conditioner lines
- Electrical wires and hoses
- Missing parts or attaching points on the frame

\*\* If the baseplate is improperly installed and is against a wire or hose, it could cause fluid leaks or electrical shorts some time after the actual baseplate installation.

## Permanent Baseplate Safety Cable Installation

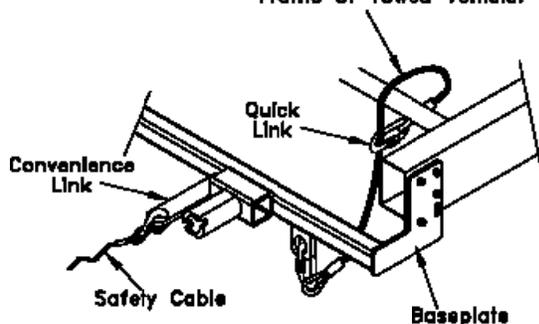
Permanent baseplate safety cables are strongly recommended when towing a vehicle with a tow bar. The principle function of the permanent baseplate safety cables is to prevent the towed vehicle from breaking loose in the event the connection between the frame of the towed vehicle and the baseplate fails or becomes disconnected. The cables must be connected from the baseplate to the frame rail or cross member of the vehicle's frame. The illustrations below show the possible arrangements recommended by Blue Ox®. Each permanent baseplate safety cable must have an adequate weight rating for the towing system. The weight rating of the two (2) cables together will not qualify.

***Do not mount the permanent baseplate safety cables against wires, hoses or brake lines.***

These permanent baseplate safety cables should remain installed as long as the baseplate is installed on the vehicle. Permanent baseplate safety cables are to be used in conjunction with, and NOT a replacement for legally required safety cables attaching the towed vehicle to the towing vehicle.

### OPTION #1

Permanent Baseplate Safety Cables to Cross Member or Frame of Towed Vehicle.



### OPTION #2

Permanent Baseplate Safety Cables to Cross Member or Frame of Towed Vehicle.

