



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.



Figure 5



Figure 6

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.



Figure 7

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



Figure 4

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	201-0553	1/4-20 x 1/2 Hx.Wshd. Type F TCS.
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)

