

**TOYOTA TACOMA 2003 - LIGHTED RUNNING BOARD**

Section I – Installation Preparation

**Part Number: 00016-35015-01;-02;-03;-05;-06;-10;-13**

**Accessory Code: TL80**



**TOYOTA**

Southeast Toyota Distributors, I.I.C



**REVISION A**

Section I – Installation Preparation

**Kit Contents**

Item #	Quantity Req'd.	Description
1	4	BRK-46S
2	1	BRK-46 BPR
3	1	BRK-46 PC
4	1	BRK-46 DF
5	1	BRK-46 PF
6	1	BRK-46 DC
7	1	BRK-46 BDR
8	2	BRK-46 C
9	2	BRK-46 FT
10	1	BRK-46 PR
11	1	BRK-46 DR
12	1	Wire Harness/fuse

**Hardware Bag Contents**

Item #	Quantity Req'd.	Description
1	6	Tie Wraps
2	18	5/16" Bolts
3	38	Nyloc Nuts
4	38	Washers
5	20	Square Head Bolts
6	4	5/16" Nuts
7	4	Anchor Bolts
8	4	Anchor Bolt Gaskets
9	2	T-Taps
10	2	Black Zink Metric Bolts
12	2	Yellow Zink Nuts

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description

**Conflicts**

Note:

**Recommended Tools**

<b>Safety Tools</b>	
Safety Glasses	
<b>Special Tools</b>	
Torque Wrench (8 ft. lb.)	
Torque Wrench 11 ft.lb.)	
<b>Installation Tools</b>	10,13 mm sockets (Shallow)
Nylon Tool	10,13 mm sockets (deep well)
Pliers	Ratchet
13 mm Wrench	Razor knife
Side Cutters	#2 Phillips Screwdriver
<b>Special Chemicals</b>	3 M Sealent

**Color Applicability/Trim Level**

Vehicle/Trim Color	Accessory Color																

**General Applicability**

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**Recommended Sequence of Application**

Item #	Accessory	
1		
2		
3		

\*Mandatory

**Legend**

	<b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been complied with.
	<b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury
	<b>CRITICAL PROCESS:</b> Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation
	<b>GENERAL PROCESS:</b> This highlights specific processes to ensure a quality installation. These points will be audited during the accessory installation
	<b>TOOLS &amp; EQUIPMENT:</b> This calls out the specific tools and equipment required for this process
	<b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.

**SPECIAL NOTE:****Installation Sequences**

After **TMS** and **Safety** mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

**Section I – Installation Preparation**

Each kit will have 3 main brackets with plates & 2 support brackets per side of vehicle as shown. See Figure 1

**PRE-ASSEMBLY**

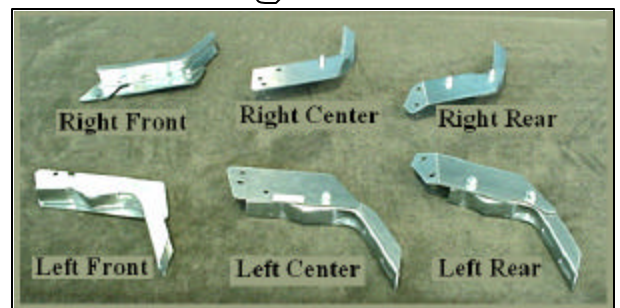
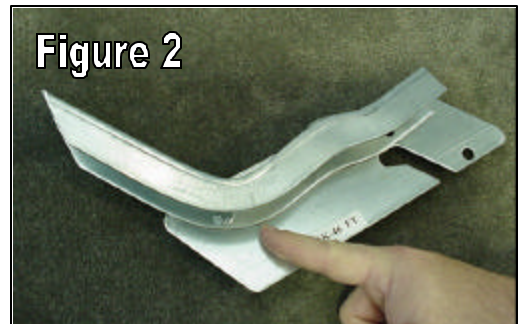
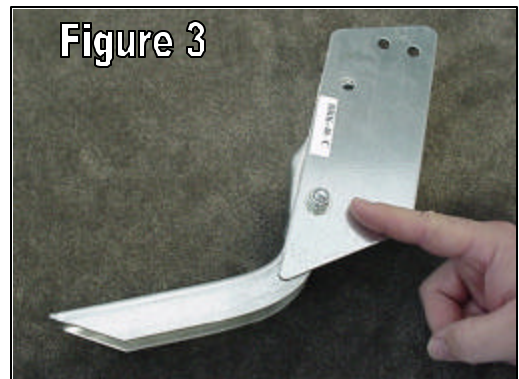
Pre-assemble brackets to plates using supplied 5/16 nuts, washers & bolts. (Note: you have Left & Right Brackets on the Front Center & Rear. You can make the plates work on either side EXCEPT for the Rear Plates).

**Front Bracket Assembly (Driver's side shown)**

1. On the Front bracket assembly only use the lower holes at this time. The top 2 holes are for Factory mounting locations. (Be sure to assemble brackets as shown in pictures.) See Figure 2

**Center Bracket Assembly (Driver's side shown)**

1. Repeat the same step as the front bracket assembly. The top 3 holes are for factory mounting. (Be sure to assemble brackets as shown in pictures). See Figure 3

**Figure 1****Figure 2****Figure 3**

**Rear Bracket Assembly (Driver's side shown)**



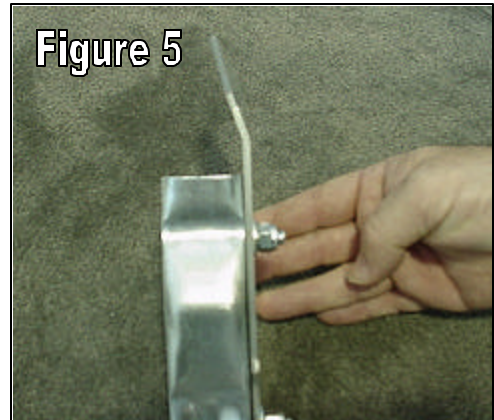
- 1. On the Rear Bracket you will use the 2 lower holes as shown in picture. (Be sure to assemble brackets as shown in pictures.) See Figure 4



**Rear Bracket Assembly (Driver's side shown)**



- 1. Be sure that the angle on top of the mounting plate on the rear brackets point towards the front of the vehicle as shown in picture. See Figure 5



Section II – Installation Procedure

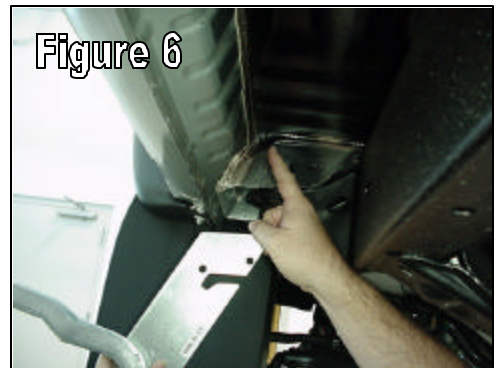
**Installation of Mounting Brackets**



NOTE: On the Front Factory Mounting Plate be sure to remove any body sealant that may be in the way of Bracket Plate.



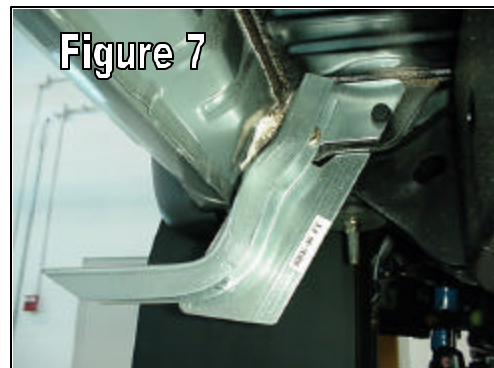
Safety glasses must be worn while working overhead. See Figure 6



**Driver's Side Front**



- 1. Hang Front Bracket assembly on Factory Front mounting plate as shown in picture. Fasten with supplied Metric bolt (Black zinc) & nut (Yellow zinc). Do not fully tighten at this time. This will allow room for adjustment. See Figure 7

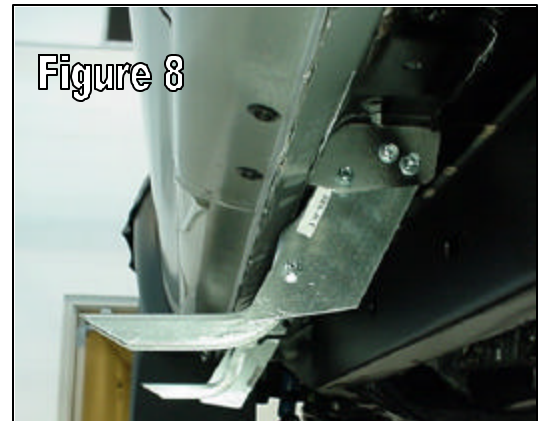




### Driver's Side Center



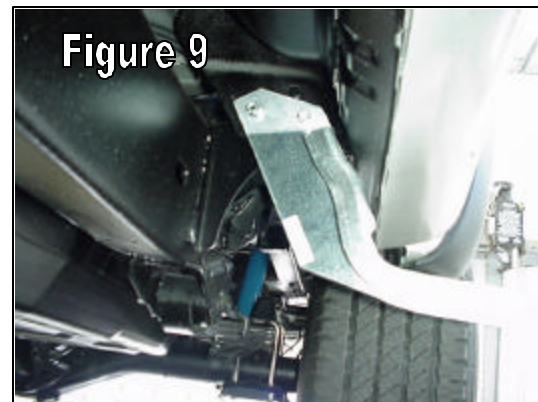
1. Hang Center Bracket assembly on Front side (or leading side) of Factory mounting plate. Fasten top 3 holes with supplied 5/16 bolts, washers & nylock nuts. (Note: The lower of the 3 bolts goes through bracket & plate). Do not fully tighten at this time to leave room for adjustment. The center bracket assembly with bolt going through the bracket & plate is shown in the following pictures See Figure 8



### Driver's Side Rear



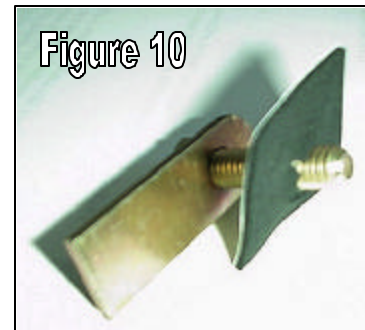
1. Make sure angle at top of plate goes towards front of vehicle. Hang Rear bracket assembly on Front side (or leading side) of Factory mounting plate. Fasten top 2 holes with supplied 5/16 bolts, washers & nylock nuts. Do not fully tighten at this time to leave room of adjustment. See Figure 9



### Anchor Bolt Assembly (2 per side)



1. Place supplied gasket onto stud of supplied Anchor bolt with sticky side towards plate. See Figure 10



### Anchor Bolt Install



1. For support bracket location # 2 count Back from the Front wheel well to the 6th Factory hole on the inside of rocker rail and remove the factory seal. On Anchor bolt, remove backing from gasket and insert Anchor bolt into hole as shown, making contact with rocker rail. This will hold bolt in place. See Figure 11



**NOTE:** For Support Bracket location # 4 count forward from the Rear wheel well to the 4th Factory hole and repeat steps.

### Support Bracket Installation Support Brackets 2 & 4



1. Hang support brackets as shown in picture and fasten with supplied Flange nuts. Do not fully tighten at this time; these will be the last brackets to be tightened. See Figure 12

### Installing Square Head Bolts



1. Install 10 Square head bolts into aluminum as shown. 5 in the Outer slots & 5 in the Inner slots. See Figure 13

### Board Installation & Wiring Instructions

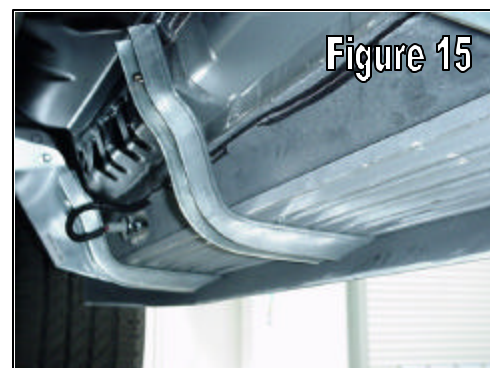
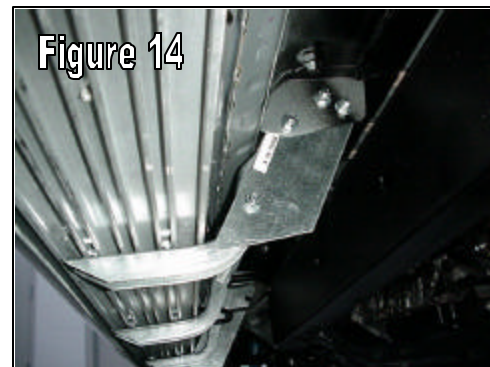
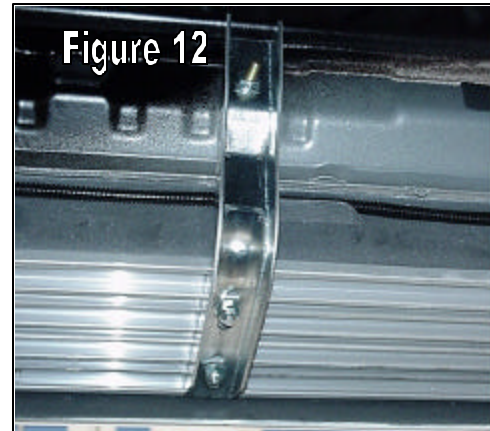
#### Installing Board On Brackets



1. After installing Square head bolts, place board onto brackets making sure bolts go through slots in brackets. Adjust height if necessary and make sure board is centered on vehicle. After this is done, tighten all Main bracket assembly. Then tighten board bolts using supplied washers & nylock nuts. See Figure 14  
Torque Brackets at **11 ft. lbs.** and Extrusions at **8 ft. lbs.**



2. After the Main bracket and board bolts have been tightened, position the support brackets and tighten. See Figure 15



### Wiring The Boards

1. Open door and remove rocker panel and kick panel. See Figure 16

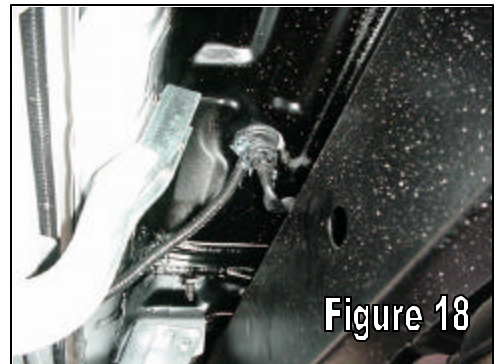


2. Pull carpet back to obtain access behind center console. See Figure 17



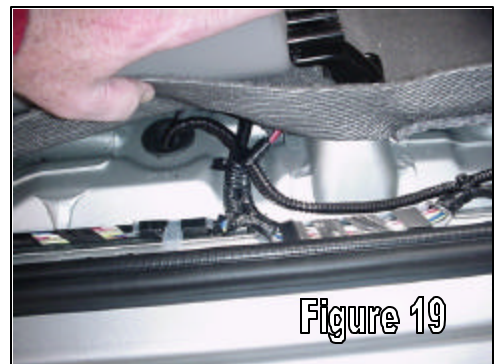
### Passenger's Side Shown

1. On the underside of the vehicle you will use the Factory access hole on the floor board. You will have to insert a hole into grommet and feed wire harness through this hole into passenger compartment. (use a 3M sealant on hole when completed). See Figure 18



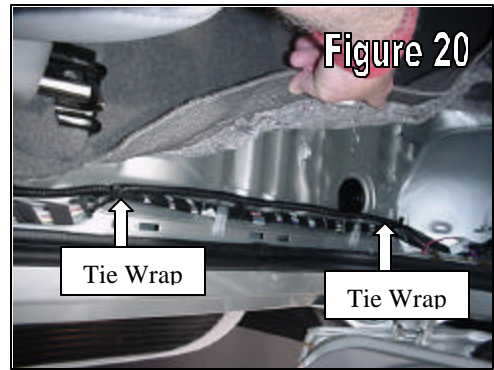
### Passenger's Side Shown

1. Bring wire harness into passenger compartment as shown. You will direct towards front of vehicle. (Repeat same process for Driver's side) See Figure 19





2. Route wire harness towards kick panel as shown. You will follow the factory harness. (Repeat same process for Driver's side). Using tie wraps secure passengers side as shown. See Figure 20



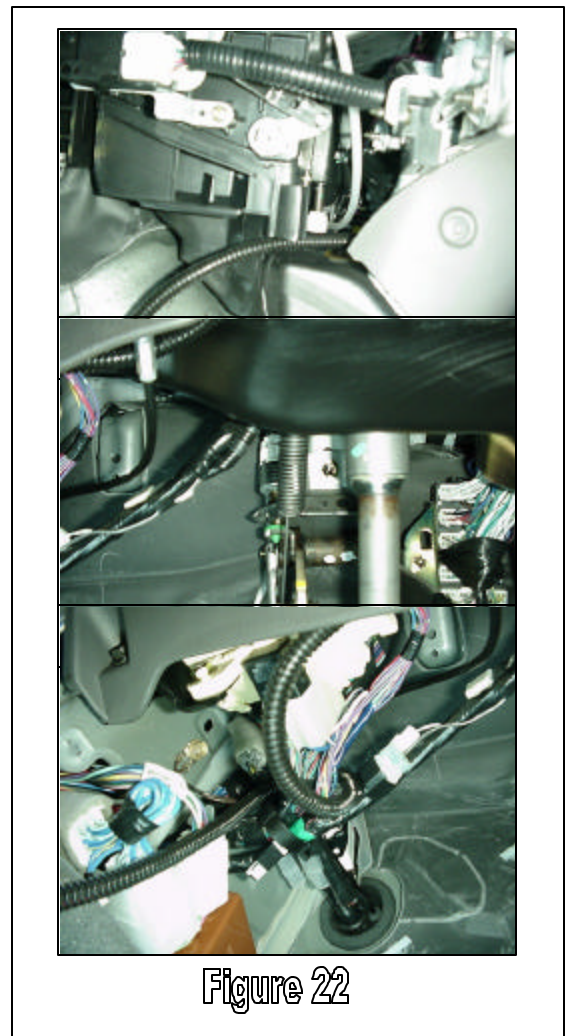
3. Direct harness under dash area towards Driver's side going behind Center console area. See Figure 21



**Driver's Side Shown**



1. After coming from behind console, you will want to route the wire harness behind operating pedals. Keep up under dash area. See Figure 22



- Both ends of harness should meet at the Driver's side kick panel. See Figure 23

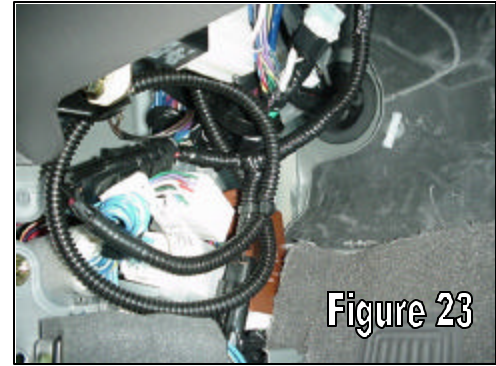


Figure 23

- Connect the red power wire to pin 10 black wire in Connector 1H in the JB1. See Figure 24
- Connect the black ground wire to pin 9 black/white wire in Connector 1H in the JB1. See Figure 24

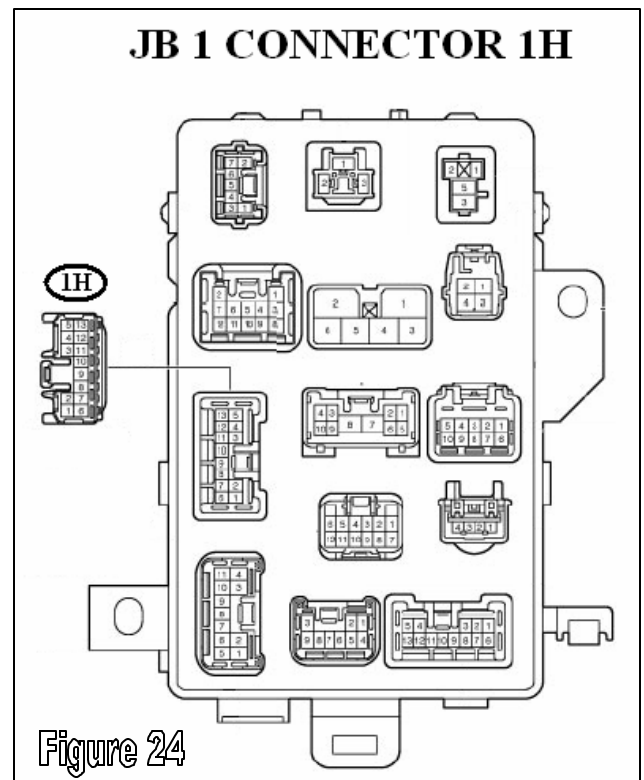


Figure 24

- Use supplied wire connectors and attach to your Power and Ground. After wire harness is routed use supplied tie wraps to anchor down wire harness. See Figure 25. Reinstall all interior pieces. This will complete install.

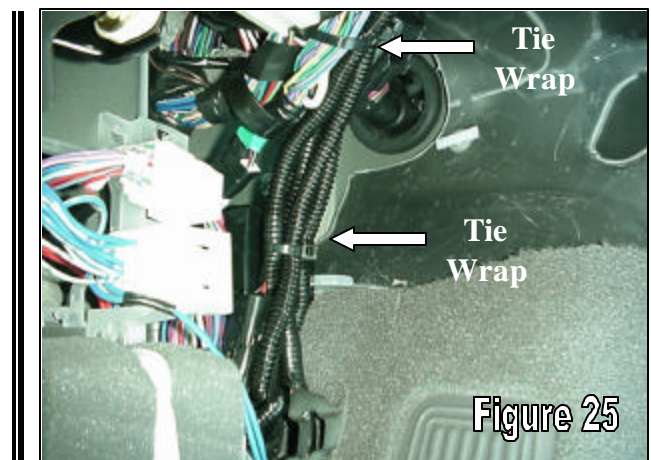


Figure 25