



INSTRUCTIONS—INSTRUCCIONES—CONSIGNES

APPLICATION: 01-07 TOYOTA HIGHLANDER

APP. PART # 23-3640, 23-3645

3" ROUND STEP BARS

AUTOMOTIVE PRODUCTS, INC.

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	2	STEP BARS	18MM SOCKET
2,3	2	FRONT MOUNTING BRACKETS (2) DRIVERS SIDE, (3) PASSENGER SIDE	16MM SOCKET
4,5	2	REAR MOUNTING BRACKETS (4) DRIVERS SIDE, (5) PASSENGER SIDE	RATCHET
6,7	2	FRONT SUPPORT BRACKETS (6) DRIVERS SIDE, (7) PASSENGER SIDE	TORQUE WRENCH
8	2	M10 PLASTIC RETAINERS	
9	2	M10 LONG BOLT PLATES	
10	2	M10 SHORT BOLT PLATES	
11	2	M12 BOLT PLATES	
12	8	M12 HEX HEAD BOLTS	
13	10	M12 HEX NUTS	
14	18	M12 FLAT WASHERS	
15	10	M12 LOCK WASHERS	
16	4	M10 HEX NUTS	
17	4	M10 FLAT WASHERS	
18	4	M10 LOCK WASHERS	

1. Remove all contents from box, verify all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.
2. Before starting installation, locate (1) M10 Plastic Retainer and (1) M10 Long Bolt Plate. Thread the Plastic Retainer part way onto the Bolt Plate, (Figure 1A).
3. From underneath the front of the driver side of the vehicle, insert (1) M10 Long Bolt Plate with Retainer into the factory hole on the side body panel, (Figure 1B). IMPORTANT! The Plastic Retainer is designed to prevent the Bolt Plate from falling into the body cavity and to aid in mounting the Bracket.
4. Carefully place the driver side front Mounting Bracket over the already inserted M10 Long Bolt Plate and secure it using the included (1) M10 Flat Washer, (1) M10 Lock Washer and (1) M10 Hex Nut, (Figure 2). Do not tighten at this time.
5. Locate the upper hole in the floor panel and insert (1) M10 Short Bolt Plate, (Figure 3).
6. Partially hang the driver side Front Support Bracket (Longer Bracket) from the M10 Short Bolt Plate with (1) M10 Flat Washer, (1) M10 Lock Washer and (1) M10 Hex Nut, (Figure 4).
7. Moving to the rear of the vehicle, insert (1) M12 Bolt Plate into factory oval hole in the floor panel, . Rotate the Bolt Plate 90-degrees or until it stops spinning to properly support both sides of the flat surface on the Bolt Plate.
8. Partially hang the driver side Rear Mounting Bracket from the previously inserted M12 Bolt Plate using the included (1) M12 Flat Washer, (1) M12 Lock Washer and (1) M12 Hex Nut, (Figure 5). Do not tighten at this time.
9. Carefully place the Driver Sidebar up to the inside of both Mounting Brackets. Align the mounting holes in the brackets with the holes on the sidebar. Attach Sidebar to Mounting Brackets using the included (4) M12 Hex Head Bolts, (8) M12 Flat Washers, (4) M12 Lock Washers and (4) M12 Hex Nuts, (Figure 4 & 5). NOTE: Insert the front inner Hex Bolt with Flat Washer through the front Mounting Bracket, Sidebar and Support Bracket. Snug but do not tighten hardware at this time.
10. Level and align Sidebar and tighten all hardware, torque all M12 hardware to 50-55 ft lbs, and M10 to 40-45 ft lbs
11. Repeat steps 2-10 for passenger side



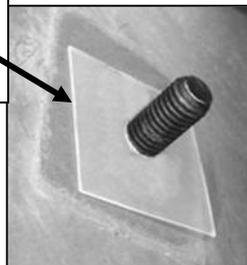
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Irwindale, Ca. 91706

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For Additional installation assistance please call
Customer service (800) 793-7846
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CARE INSTRUCTIONS

- REGULAR WAXING IS RECOMMENDED. DO NOT USE ANY TYPE OF POLISH OR WAX THAT MAY CONTAIN ABRASIVES
- STAINLESS STEEL PRODUCTS CAN BE CLEANED WITH MILD SOAP AND WATER. STAINLESS STEEL POLISH SHOULD BE USED TO POLISH SMALL SCRATCHES.
- GLOSS BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER

(Fig 1B) Once inserted, thread Plastic Retainer down until flush with body panel



(Fig 1A) M10 Long Bolt Plate with M10 Plastic Retainer

**Secure Front Mounting Bracket to M10 Long Bolt Plate with:
M10 Flat Washer
M10 Lock Washer
M10 Hex Nut**

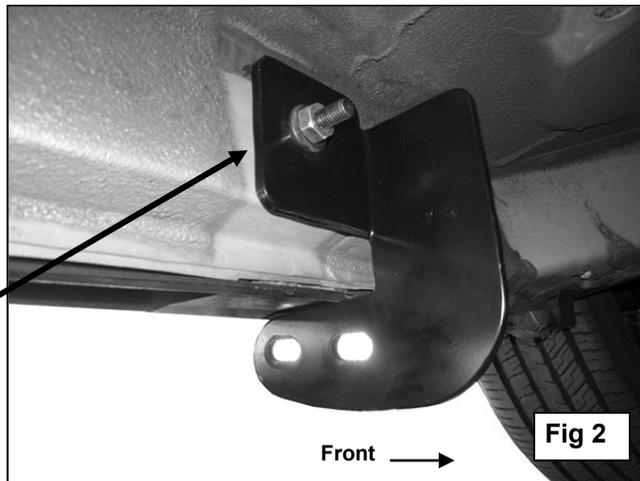
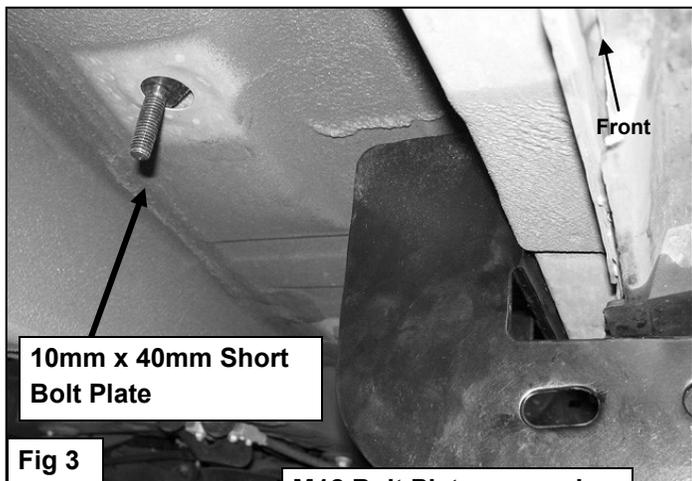
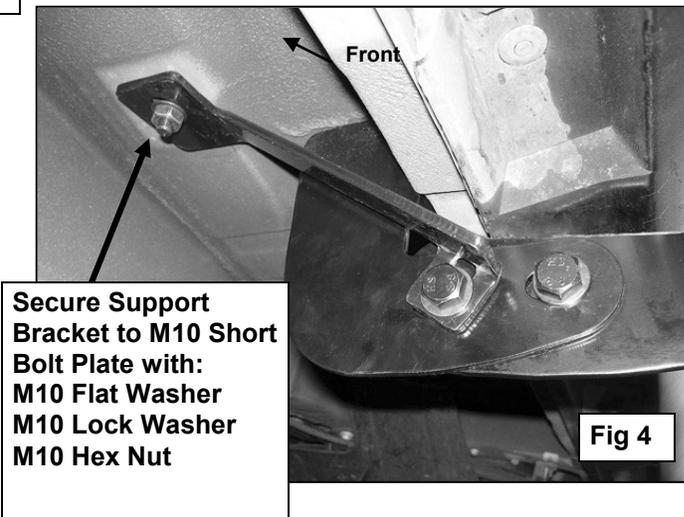


Fig 2



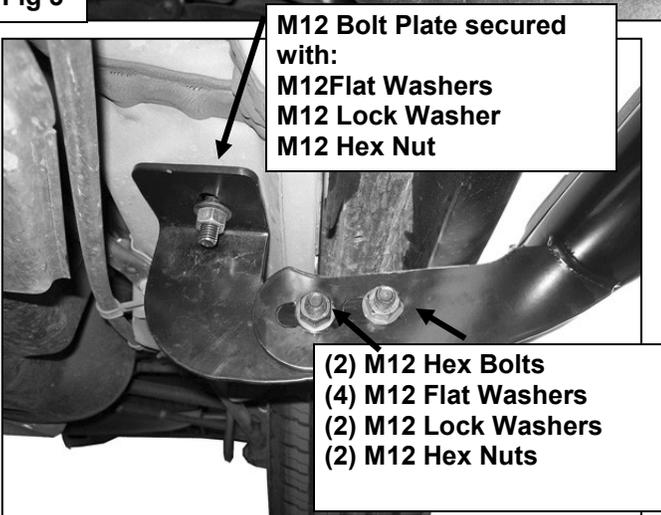
10mm x 40mm Short Bolt Plate

Fig 3



**Secure Support Bracket to M10 Short Bolt Plate with:
M10 Flat Washer
M10 Lock Washer
M10 Hex Nut**

Fig 4



**M12 Bolt Plate secured with:
M12 Flat Washers
M12 Lock Washer
M12 Hex Nut**

**(2) M12 Hex Bolts
(4) M12 Flat Washers
(2) M12 Lock Washers
(2) M12 Hex Nuts**



INSTALL COMPLETE



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