

24 LAND CRUISER 250 FRONT SKID PLATE

DOCUMENT: INST_56120_REVA

Thank you for purchasing this ICON Vehicle Dynamics product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. If anything is missing or damaged, or if you need technical assistance with any aspect of this installation, call (951) 689-ICON as soon as possible.



APPLICATION
 These installation instructions apply to the following products:
 56120 24 Land Cruiser 250 Front Skid Plate

COMPONENTS INCLUDED
 (1) 154259 24 Land Cruiser 250 Front Skid Plate
 (1) 154261 24 Land Cruiser 250 Front Skid Plate Bracket
 (1) 56120H 24 Land Cruiser 250 Front Skid Plate Hardware Kit

HARDWARE INCLUDED
 (6) 606004 18-8 Stainless Steel M8-1.25 X 35MM Flat Head Screw
 (2) 606005 (M8) Countersunk Washer
 (2) 605917 M8 Flat Washer

TECH NOTES
 -24 Land Cruiser 250 Front Fascia need for square head lights.
 -Installation time: 15 mins.

TOOLS REQUIRED

- Jack/Jack Stand
- Torque Wrench
- 5mm Hex Bit
- Flat Head Screw Driver
- 10mm Socket/Wrench
- 12mm Socket/Wrench

IMPORTANT NOTICES - PLEASE READ FIRST

- ✓ **READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!**
- ✓ **ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLATION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.**

INSTALLATION INSTRUCTIONS

1. Place the truck on a flat surface with the parking brake engaged, chock the REAR/FRONT tires.
2. Use a suitable floor jack in the manufacturer designated spot on the frame to lift the front of the truck, then place a suitable jack stand under the frame and set the truck down securely on the jack stand. NEVER WORK UNDER AN UNSUPPORTED VEHICLE.

3. Use a 12mm socket to remove the two (2) bolts located at the core support and the two (2) bolts located at the front crossmember. Secure the factory skid plate against the frame of the vehicle to prevent it from falling and possible injury.

Remove the two (2) M6 bolts using a 10mm socket and a screw driver for the plastic push clip on the front trim piece for final removal. [FIG. 1, 2, 3]



FIG. 1



FIG. 2



FIG. 3

4. Begin to remove the rear factory skid plate. Removed the two (2) bolts on the front crossmember using a 12MM socket and the three (3) bolts on the transmission crossmember. [FIG. 4]



FIG. 4

5. Remove the final cover plate under the vehicle by using a 12MM socket to remove the three (3) factory bolts shown. [FIG. 5]

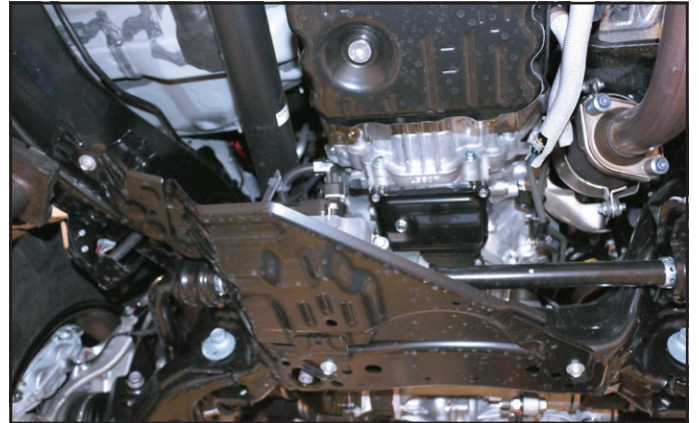


FIG. 5

To begin installation of the skid plate, first install the two (2) 24 LAND CRUISER FRONT SKID PLATE BRACKET in the front crossmember. Using the factory hardware removed on earlier steps, tighten down the bracket to the frame. Note: make sure the brackets are aligned parallel with the frame as shown. [FIGURE 6 & 7]



FIG. 6



FIG. 7



- 6. With the help of a jack stand prop up the SKID PLATE underneath the vehicle. And begin to install the two (2) M8 X 35mm flat head screws and M8 countersunk washer with a 5mm hex bit into the core support. [FIG. 8]



FIG. 8

- 7. Install two (2) M8-1.25 X 35mm flat head screws and M8 countersunk washers in to the front skid plate bracket using a 5mm hex bit on both sides.

NOTE: May need to loosen the front skid plate brackets from the frame, this will allow for some adjustment if brackets were not lined up correctly. [FIG. 9]



FIG. 9

Install the last two (2) M8-1.25 X 35MM screws and M8 countersunk washers in the back of the skid plate.

Note: If installing ICON'S 24 LAND CRUISER 250 TRANS SKID PLATE complete that installation first, if only installing the 24 LAND CRUISER 250 FRONT SKID PLATE remember to place two (2) M8 washer between the skid plate and the frame on both side before final installation. [FIG. 10 & 11]



FIG. 10



FIG. 11

Once all the screws are in place and the skid plate is lined up with the center of the vehicle begin to tighten each screw to 19.5 ft-lbs. Note: If your vehicle square head lights remember to install the ICON'S 24 LAND CRUISER 250 FRONT FASCIA by removing the front two (2) flat head screws and placing the fascia over the front of the skid plate as shown. [FIG. 12]



FIG. 9

RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.



ICON VEHICLE DYNAMICS LIMITED LIFETIME WARRANTY

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ICON Vehicle Dynamics' obligation under this warranty is limited to the repair or replacement, at ICON Vehicle Dynamics' discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty. Items that are subject to wear are not considered defective when worn and are not covered.

ICON Vehicle Dynamics components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty. Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.



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