



2007-08 TUNDRA Installation sheet TUN400W-07

Parts List:

- 1 - Grille Ring; 2 - Uprights; 2 - Top Brackets; 2 - Bottom Brackets
- 2 - Stiffener Bolt Plates
- 4 - 3/8"x1" bolts, 4 - 3/8" flat washer
- 4 - 3/8" lock washers
- 2 - 1/2"x1 1/4" bolts, 4 - 12mmx50mm bolts
- 10 - 1/2" flat washers, 10 - 1/2" lock washers; 4 - 1/2" hex nuts

Installation Procedure:

1. Assemble the Uprights and Grille ring as shown in Fig. 1. Leave the hardware loose at this time to allow for adjustments. Please note that the welds on the ring should be on the bottom.
2. Install the plastic door edge guard on the uprights as shown in fig. 2. Trim the door edge guard around the Top Mounting Bracket hole (Square Hole), ~1" on each side of the upright. This will allow the Top Bracket to slide into the upright easier. Set the Grille Assembly aside and prepare to install the mounting brackets.
3. Temporarily remove the Tow Hooks. With the Tow Hooks removed, install the Top Brackets. Note the angle of the top brackets as they are being installed in Fig 5 & 6. Also note in Fig 8 & 9, the Top Bracket comes through the first cut out in the bumper, (arrow is pointing to cut out)
4. Once the Top Brackets are in place, install the bottom brackets and the Tow Hook using the 12mmx50mm bolt, flat washer and lock washer as shown in fig 7. Leave the hardware loose at this time to allow for adjustments. Fig 9 shows the Driver's side top & bottom brackets installed.
5. With Top & Bottom brackets installed, install the Stiffener Bolt Plates as shown in Fig 10 & 11. The Stiffener Bolt Plate clamps the Top Bracket to the frame to make a solid mount for the grille guard. Fig 12 shows the Top Bracket and the Stiffener Bolt Plate, as they clamp around the frame horn. Use the 1/2" nuts, flat and lock washers to secure the Bolt Plate to the Top Bracket. Leave the hardware loose at this time to allow for adjustments to the grille guard.
6. Install the Grille Guard assembly to the brackets. The Top Brackets should be secured first using the 1/2"x1 1/4" bolt, lock washer and flat washer as shown in fig 13. Leave the hardware loose at the time to allow for adjustments to the grille guard.
7. Secure the Bottom brackets to the Grille Guard using the 3/8"x1" bolts, lock washers and flat washers, as shown in fig 14. Leave the hardware loose at this time to allow for adjustments to the grille guard.



Fig 1. Grille Guard Assy

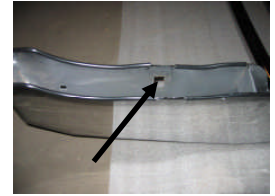


Fig 2. Door edge guard, trimmed

Fig 3. Brackets - Arrow points to Passenger Top Bracket



Fig 4. Driver's side Top Bracket



Fig 5. Driver's side Top Brackets being installed



Fig 6. Passenger side Top Brackets being installed



Fig 7



Fig 8 Arrow pointing to Bumper cut out



Fig 9 Driver's Side Bracket installed



Fig 10 Stiffener Bolt Plate

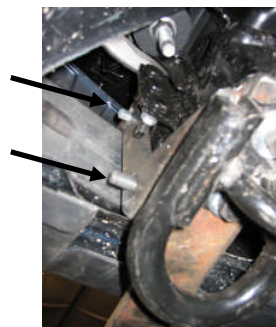


Fig 11 arrows show the threads of the Stiffener Bolt Plate coming through the Top Bracket.



Fig 12 shows how the Top Bracket and Stiffener Bolt Plate fit together

Installation Procedure Continued:

8. Align the Grille Guard to the truck by pushing the uprights against the truck, then tighten the Grille Gurad to the Top Brackets. Do NOT over tighten!!!!
9. With the Top Brackets tight, tighten the bottom brackets to the Grille Guard as shown in fig. 14.
10. Finish securing the Grille Guard to the Truck by tightening all the brackets to the frame of the truck. Also make sure the grille ring is secured to the uprights. MAKE SURE ALL HARDWARE IS SECURE BEFORE DRIVING YOUR VEHICLE.....



Fig 13



Fig 14



2007 Toyota Tundra

Warranty Statement

All products manufactured by MIH Industries are warranted in the U.S. and Canada for a period of (3) three years (NOTE: Powder Coated products carry a 1 year warranty on the finish) from the date of purchase to the original purchaser. MIH Industries guarantees against manufacturer defects in materials, workmanship, and finish under normal use excluding damage resulting from road hazards, product misuse, improper installation, impairments from collisions, product modifications, product neglect, or vandalism. This three-year warranty applies only to new products and is limited to the repair or replacement of MIH products. Original purchaser must return defective merchandise, along with purchase receipt, to the original place of purchase.

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