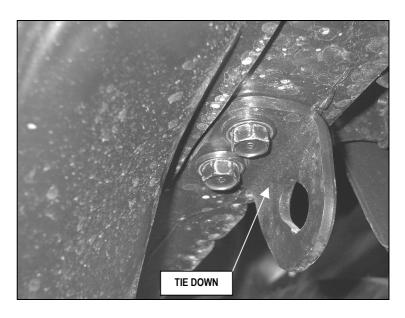
## GO RHINO! PRODUCTS 3000 SERIES INSTALLATION INSTRUCTIONS 03-04 TOYOTA TUNDRA 2/4WD PART NO. 3711MB, 3711MC (EXCEPT SPORT) REV.C 7/04

QTY	PARTS DESCRIPTION	QTY	PARTS DESCRIPTION
2	1/4" X 3/4" HEX BOLTS	1	1483AP PASSENGER SIDE UPPER BRACKET
2	1/4" FLAT WASHERS	1	1481BD DRIVER SIDE FRAME BRACKET
2	1/4" LOCK WASHERS	1	1481BP PASSENGER SIDE FRAME BRACKET
2	1/4" HEX NUTS	1	TT3005 TOP TUBE
4	3/8" X 1 1/4" HEX BOLTS	1	CP3005 CENTER PLATE
4	3/8" X 1" BUTTON HEAD BOLTS	1	ST3005 STEP TUBE
4	3/8" LOCK WASHERS	1	T4D HEAD LIGHT PROTECTOR
2	3/8" HEX NUTS	1	T4P HEAD LIGHT PROTECTOR
4	1/2" X 1 1/2" HEX BOLTS	1	3712P BRUSH GUARD
4	½" HEX NUTS	1	3712D BRUSH GUARD
4	½" FLAT WASHERS	2	3711 SIDE PLATES
4	½" FLAT WASHERS	2	1/4" SOCKET SET SCREWS
4	½" LOCK WASHERS	2	NYLON FLANGE WASHERS

## **INSTALLATION INSTRUCTIONS**

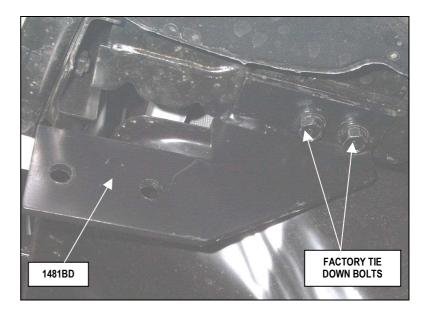
1483AD DRIVER SIDE UPPER BRACKET

**STEP 1.** BEGINNING WITH THE DRIVER SIDE, REMOVE THE BOLTS AND TIE DOWN FROM THE BOTTOM OF THE FRAME RAIL.

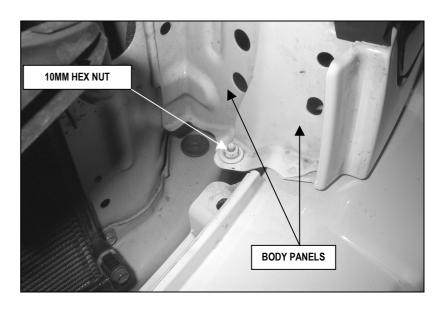


**STEP 2.** USING THE FACTORY BOLTS, LOOSELY ATTACH 1481BD DRIVER SIDE FRAME BRACKET TO THE BOTTOM OF THE FRAME AS SHOWN.

**NOTE**: IF EQUIPPED WITH TOW HOOKS, POSITION THE MOUNTING BRACKET BETWEEN THE FRAME AND TOW HOOK, AND ATTACH THE BRACKET USING THE FACTORY BOLTS.

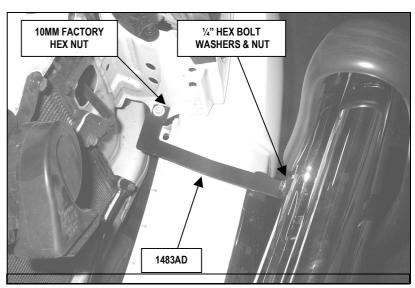


**STEP 3.** OPEN THE HOOD, LOCATE AND REMOVE THE 10MM HEX NUT SECURING THE BODY PANELS.



**STEP 4.** POSITION 1483AD UPPER BRACKET OVER THE BODY PANEL STUD, AND SECURE USING THE 10MM FACTORY HEX NUT.

**STEP 5.** REPEAT THE ABOVE STEPS TO INSTALL THE PASSENGER SIDE MOUNTING BRACKETS.



STEP 6. ATTACH THE GRILLE GUARD ASSEMBLY TO THE FRAME BRACKETS USING THE 1/2" FASTENERS, AND TO THE UPPER BRACKETS USING THE 1/4" FASTENERS.

**STEP 7.** ALIGN THE GRILLE GUARD ASSEMBLY WITH THE FRONT OF THE VEHICLE, AND TIGHTEN ALL NUTS AND BOLTS.

IMPORTANT: SLOWLY CLOSE THE HOOD AND CHECK FOR CLEARANCE BETWEEN THE GRILLE, AND THE GRILLE GUARD TOP TUBE. IF NECESSARY LOOSEN AND READJUST THE GRILLE GUARD MOUNTING BRACKETS.



## 3000 SERIES ASSEMBLY INSTRUCTIONS

**STEP 1.** BEGIN THE ASSEMBLY BY LOOSELY ATTACHING THE BOTTOM STEP TUBE TO THE GRILLE GUARD SIDE PLATES USING THE 3/8" X 1" BUTTON HEAD BOLTS.

**STEP 2**. INSERT THE FLANGE WASHERS IN THE SIDE PLATES. POSITION THE TOP TUBE BETWEEN THE GRILLE GUARD SIDE PLATES, AND SLIDE THE BRUSH GUARDS THROUGH THE SIDE PLATES, FLANGED WASHERS AND INTO THE TOP TUBE.

**STEP 3.** POSITION THE CENTER PLATE BETWEEN THE SIDE PLATES, AND ATTACH THE CENTER PLATE TO THE SIDE PLATES AND BRUSH GUARDS USING THE 3/8" X 1 1/4" HEX BOLTS, LOCK WASHERS, AND HEX NUTS. **NOTE: ATTACH THE BRUSH GUARDS TO THE REAR HOLES.** 

**STEP 4.** ALIGN THE GRILLE AND BRUSH GUARD ASSEMBLY AND TIGHTEN ALL NUTS AND BOLTS. NOTE: SECURE THE TOP TUBE USING THE ½" SOCKET SCREWS.

**STEP 5.** ATTACH THE HEAD LIGHT PROTECTORS TO THE BRUSH GUARDS USING THE  $\frac{1}{4}$ " X  $\frac{3}{4}$ " BUTTON HEAD BOLTS AND TO THE SIDE PLATES USING THE  $\frac{5}{16}$ " X 1" BUTTON HEAD BOLTS AND LOCK NUTS.

