

# **GO RHINO! PRODUCTS 3000 SERIES INSTRUCTION SHEET**

**2002 FORD EXPLORER 2/4WD PART NO. 3336M**

REV.A 6/01

<u>QTY</u>	<u>PARTS DESCRIPTION</u>
2	NYLON FLANGE WASHERS
2	1/4" SOCKET SCREWS
4	1/4" X 3/4" HEX BOLTS
1	1/4" X 1" HEX BOLTS
8	1/4" FLAT WASHERS
5	1/4" LOCK WASHERS
3	1/4" HEX NUTS
4	3/8" X 1" HEX BOLTS
4	3/8" X 1" BUTTON HEAD BOLTS
4	3/8" LOCK WASHERS
4	3/8" HEX NUTS
8	1/2" X 1 1/2" HEX BOLTS
8	1/2" FLAT WASHERS
8	1/2" LOCK WASHERS
4	1/2" HEX NUTS
2	1140N NUT PLATES
1	TW1 ANGLE BRACKET
1	TC6 ANGLE BRACKET
2	1140A UPPER MOUNTING BRACKETS
1	1140D DRIVER SIDE LOWER MOUNTING BRACKET
1	1140P PASSENGER SIDE LOWER MOUNTING BRACKET

## **ASSEMBLY INSTRUCTIONS**

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

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

**STEP 3.** ATTACH THE CENTER PLATE TO THE SIDE PLATES AND BRUSH GUARDS USING THE 3/8" X 1" HEX BOLTS, LOCK WASHERS, AND HEX NUTS.

**STEP 4.** ATTACH THE EUROTUBE TO THE BRUSH GUARDS USING THE 5/16" X 1 1/4" FLAT HEAD SCREWS.

**STEP 5.** ALIGN THE GRILLE AND BRUSH GUARD ASSEMBLY AND TIGHTEN ALL NUTS AND BOLTS. NOTE: SECURE THE TOP TUBE USING THE 1/4" SOCKET SCREWS.

**STEP 6.** ATTACH THE HEAD LIGHT PROTECTORS TO THE BRUSH GUARDS USING THE 1/4" X 3/4" BUTTON HEAD BOLTS AND TO THE SIDE PLATES USING THE 5/16" X 1" BUTTON HEAD BOLTS AND LOCK NUTS.

## **INSTALLATION INSTRUCTIONS**

**STEP 1.** READ THE INSTRUCTIONS COMPLETELY BEFORE BEGINNING THE INSTALLATION.

**STEP 2.** BEGINNING WITH THE DRIVER SIDE, POSITION ONE OF THE 1140N NUT PLATES UP THROUGH THE OBOUNDED HOLE IN THE BOTTOM OF THE FRAME AND ALIGN THE NUT PLATE WITH THE TWO MATCHING HOLES IN THE FRAME. LOOSELY ATTACH 1140D MOUNTING BRACKET TO THE BOTTOM OF THE FRAME, USING THE 1/2" X 1 1/2" BOLTS, AND WASHERS.

REPEAT THE ABOVE FOR THE PASSENGER SIDE.

**NOTE:** IF EQUIPPED, REMOVE THE FACTORY TOW HOOKS. POSITION THE MOUNTING BRACKETS BETWEEN THE FRAME AND TOW HOOKS. ATTACH THE BRACKETS AND TOW HOOKS TO THE FRAME USING THE FACTORY BOLTS AND NUT PLATES.

**STEP 3.** OPEN THE HOOD AND REMOVE THE FOUR PHILLIPS HEAD PLASTIC RIVETS SECURING THE GRILLE. PULL UPWARD AND REMOVE THE GRILLE FROM THE VEHICLE.

**STEP 4.** REMOVE THE FIVE PLASTIC FASTENERS SECURING THE PLASTIC TRIM PANEL, AND REMOVE THE TRIM PANEL FROM THE GRILLE OPENING.

**STEP 5.** REMOVE THE 6MM BOLT AND U-CLIP SECURING THE GRILLE HOUSING TO THE CENTER SUPPORT.

**STEP 6.** ATTACH TW1 AND TC6 ANGLE BRACKETS, TO THE GRILLE HOUSING AND CENTER SUPPORT USING THE 1/2" X 1" BOLT, WASHERS AND NUT AS SHOWN.

**STEP 7.** USE A UTILITY KNIFE, AND CAREFULLY CUT SLOTS IN THE PLASTIC TRIM PANEL TO FIT AROUND THE ANGLE BRACKETS.

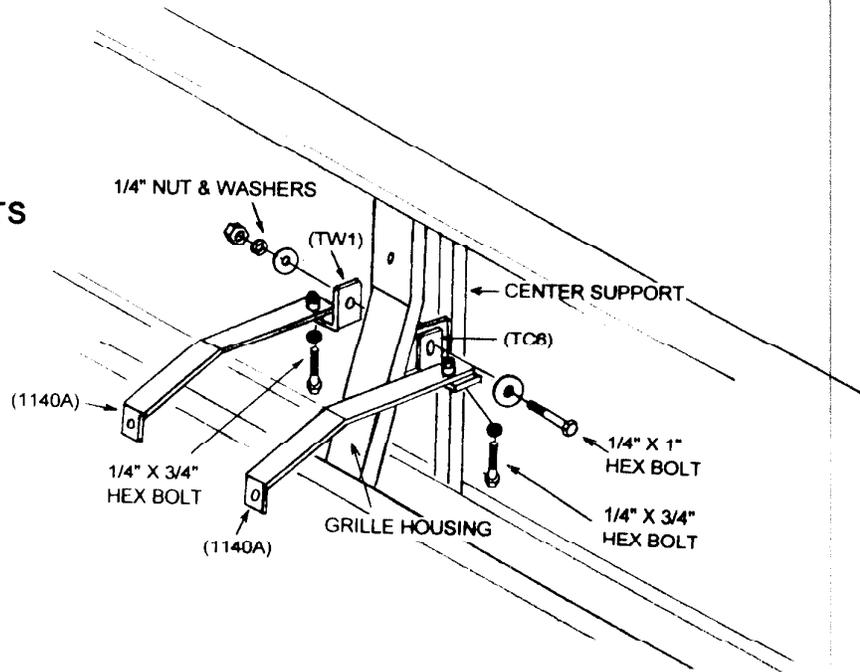
**STEP 8.** RE-ATTACH THE TRIM PANEL AND GRILLE.

**STEP 9.** POSITION THE 1140A UPPER BRACKETS THROUGH THE OPENING IN THE GRILLE, AND LOOSELY ATTACH THE UPPER BRACKETS TO THE ANGLE BRACKETS USING THE 1/4" X 3/4" BOLTS AND WASHERS. **NOTE: REACH THROUGH THE OPENING IN THE BUMPER TO ASSEMBLE THE BRACKETS.**

**STEP 10.** ATTACH THE GRILLE GUARD ASSEMBLY TO THE LOWER BRACKETS USING THE 1/2" X 1 1/2" BOLTS, WASHERS AND NUTS, AND TO THE UPPER BRACKETS USING THE 1/4" X 3/4" BOLTS, WASHERS AND NUTS. ALIGN THE GRILLE GUARD ASSEMBLY WITH THE FRONT OF THE VEHICLE AND TIGHTEN ALL NUTS AND BOLTS.

**PART NO. 1140, 3336M**

**UPPER BRACKETS**



**LOWER BRACKETS**

