



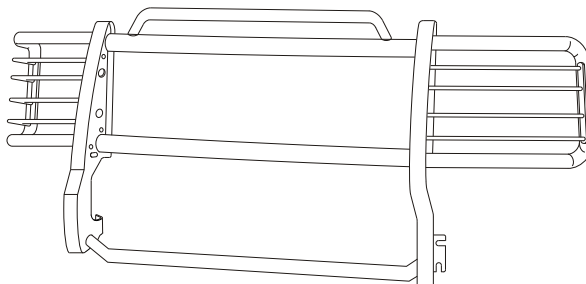
INSTALLATION INSTRUCTIONS

APPLICATION: 1999-UP F250/350/450/550 SUPERDUTY 2 AND 4 WD
2000-UP FORD EXCURSION 2 AND 4 WD

AUTOMOTIVE PRODUCTS, INC.

SPORTSMAN
ASSEMBLY

44-0220
41-0225



PARTS KIT CONTENTS

QTY	DESCRIPTION	QTY	DESCRIPTION
2	UPRIGHT	4	2 3/4" OD PLASTIC WASHER
2	WING ASSY. W/ LIGHT GUARDS	2	1 5/8" OD PLASTIC WASHER
1	CENTER TUBE	2	3/8" NYLON WASHER
1	HOOD BAR/ TOP TUBE ASSEMBLY	8	1.00" OD PLASTIC WASHER
2	LIGHT MOUNT	20	3/8" S.S. FLAT WASHER
8	3/8" LOCK NUT	2	3/8-16 X 1.00" THREAD CUTTING SCREW
14	3/8-16 X 1.00" BUTTON HEAD CAP SCREW	2	3/8" INTERNAL TOOTH LOCK WASHER
4	1/2-13 X 1.50 SS FLAT HEAD BOLT	4	3/8-16 HEX NUT
4	3/8" LOCK WASHER		
1	BOTTOM TUBE		
2	PASSENGER/DRIVER TOP BRACE		

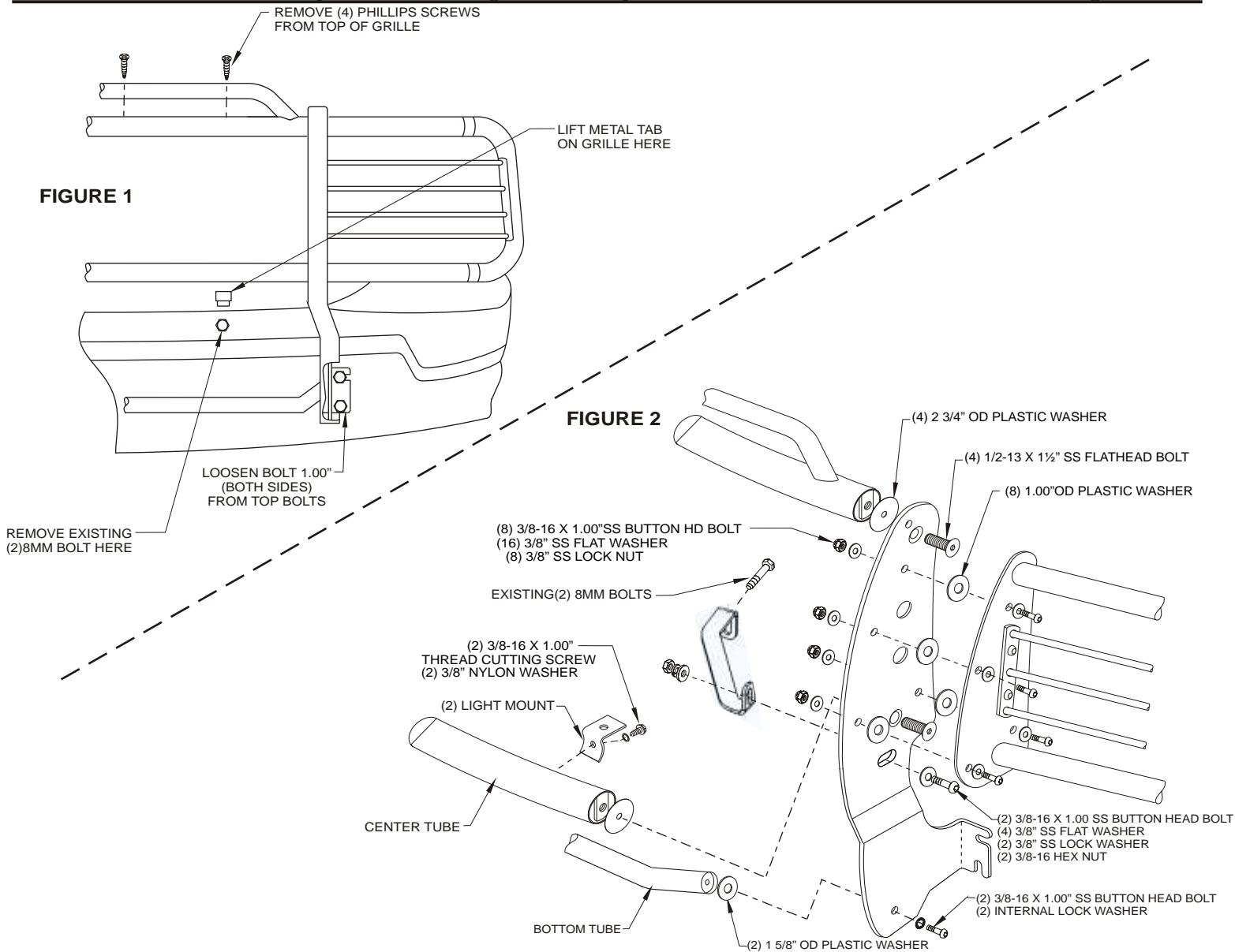
NOTE: FASTENERS ARE CONTAINED IN BOLT KITS 60-1223 AND 60-1206. SOME FASTENERS MAY NOT BE USED

TOOLS REQUIRED

5/16" HEX WRENCH	18MM SOCKET	SOCKET EXTENSION	9/16" SOCKET
9/16" WRENCH	5/8" WRENCH	TORQUE WRENCH	7/32" HEX WRENCH
RATCHET	13MM SOCKET	13MM WRENCH	PHILLIPS SCREW DRIVER
FLAT SCREW DRIVER			

- STEP 1. Remove the contents from the box and check for any damage. Verify all parts against the parts list.
- STEP 2. Read and understand instructions completely before beginning installation.
- STEP 3. Determine passenger and driver uprights, top, center and bottom tubes (raised side of bolt holes face each other). See Figure 2.
- STEP 4. Fasten uprights to top, center and bottom tubes using (4) 1/2-13 x 1.50" stainless steel flat head bolts, (4) 2 3/4" OD plastic washers, (2) 3/8-16 x 1.00" stainless steel button head cap screws, (2) 3/8" stainless steel internal tooth lock washers and (2) 1 5/8" OD plastic washers. Level tubes and torque: 1/2" fasteners to 60 FT. LBS. Leave 3/8" fasteners loose.
- STEP 5. Locate the front four (4) bolts that support the bumper of the vehicle. See Figure 1 .
- STEP 6. Remove top bolt on each side, then loosen bottom bolts approximately 1.00".
- STEP 7. To remove the vehicle grille, open the hood and remove Phillips screws at the top of the grille. With a flat screwdriver, lift the metal tab at bottom of grille on each side to release metal clips and then remove the grille.
- STEP 8. From behind top of bumper, remove the inside two 8MM bolts with a 13MM wrench or socket.

- STEP 9. Align vertical slots of center section upright on the bottom bolts of the bumper. NOTE: Two people may be necessary to complete this installation.
- STEP 10. Tilt center section back to vertical position and replace top bolts through horizontal slot in upright, then through threaded plate behind bumper. Leave bolts loose for grille reinstalation. Torque 3/8-16 button head cap screw to 30 FT. LBS.
- STEP 11. Determine passenger and driver top mount braces, fasten in place using existing 8MM bolts in to bumper and use (2) 3/8-16 x 1.00" button head screw, (4) 3/8" flat washer, (2) 3/8" lock washer, (2) 3/8-16" lock nuts for fastening to upright. Torque 8MM bolts to 26 FT. LBS. Leave 3/8" hardware loose. (NOTE: Bracket end with short straight fastens to upright.)
- STEP 12. Re-install vehicle grille, make sure 8MM bolts have been tightened.
- STEP 13. Align front bumper and center section and snug 12MM bolts with 18MM socket.
- STEP 14. Tighten and torque 12MM fasteners to 65 FT. LBS. and 3/8" fasteners to 30 FT. LBS.
- STEP 15. Determine passenger and driver side wing assemblies. See Figure 2. Install wing assemblies on each side using (8) 3/8-16 x 1.00" stainless steel button head cap screws, (16) 3/8" stainless steel flat washers, (8) 3/8" stainless steel lock nuts and (8) 1.00" OD plastic washers. Tighten and torque stainless steel fasteners to 35 FT. LBS. See Figure 2.



Finish protection - Westin products have a high quality finish that must be cared for like any other exposed finish on the vehicle. Protect the finish with a non-abrasive automotive wax (pure carnauba, for example) on a regular basis. The use of cleaner wax or any compound which contains an abrasive is detrimental, as the compounds scratch the finish and open it to corrosion.