



Installation Instructions for F-143K1 Mounting Hardware Kit

Parts Needed:

41-230	SAFE T PLUS Unit (Blue)
F-143K1	Mounting Hardware Kit consists of:
55-143-6	Anchor Bracket
55-206	Tie Rod Bracket
12-38-1250K	3/8" X 1-1/4" U-Bolt Kit
10-8-350	(2) 3/4-16 X 3-1/2 Bolt
14-800	(2) 3/4-16 Stover Lock Nut Plated

- Step ①. Set front wheels of vehicle to a straight-ahead position. **This is IMPORTANT.** Later adjustment of the Tie Rod Bracket may be avoided if front wheels are set perfectly straight.
- Step ②. Remove bolts and nuts from passenger side or right side of shock mount bar, install Anchor Bracket, replace bolts and nuts with bolts and nuts enclosed, use existing flat washers and tighten nuts securely. SAFE T PLUS unit is to be attached to inside of Anchor Bracket with 3/4" bolt, nut and washer provided. (See illustration)
- Step ③. Install Tie Rod Bracket on tie rod with U-Bolts provided.
- Step ④. a) Tighten the unit bolt on Anchor Bracket to **80-90 foot pounds** of torque.
 b) Tighten the U-Bolts on the Tie Rod Bracket to **25-35 foot pounds** of torque.
 c) Finally, tighten the unit bolts on the Tie Rod Bracket to **80-90 foot pounds** of torque.
- NOTE:** IT IS IMPORTANT THAT THE UNIT BE MOUNTED ON INSIDE OF ANCHOR BRACKET AND THAT STEP #4 BE FOLLOWED IN THE ORDER AS LISTED IN THESE INSTRUCTIONS FOR PROPER INSTALLATION TO BE ACHIEVED.
- Step ⑤. Check to be sure installed unit clears all other parts of vehicle by turning steering wheel to both extreme right and left positions. If unit scrapes or binds at any point, review these instructions and make necessary corrections by rotating unit on Tie Rod to obtain necessary clearance.

Step 6.

ROAD TEST & ADJUSTMENT PROCEDURES: See attached documents.

FOR TECHNICAL ASSISTANCE:

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