



**INSTALLATION INSTRUCTION
INSTALLER: GIVE THIS INSTRUCTION TO VEHICLE OWNER**

**CLASS I TRAILER HITCH
RT-819**

**2000 LB GROSS TRAILER WEIGHT
200 LB TONGUE WEIGHT**

WARNING: CONSULT VEHICLE OWNERS MANUAL FOR TOWING RECOMMENDATIONS AND LIMITATIONS. THIS PRODUCT IS DESIGNED FOR TRAILER TOWING ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.

NOTE: INSTALL PARTS LOOSELY UNTIL ALL ATTACHMENTS HAVE BEEN MADE TO THE VEHICLE.

WARNING: USE ONLY RIGID HITCH APPROVED AND MANUFACTURED DRAW BAR INSERT OR WARRANTY WILL BE VOID.

- (1) COMPLETELY ASSEMBLE THE HITCH BY BOLTING THE FRONT HITCH CROSS BAR (13 3/4" HOLE CENTERS) TO THE **TOP** SIDE OF THE 1/2" THICK DRAW BAR WELDED TO THE FRONT OF THE HITCH RECEIVER TUBE ASSEMBLY.
- (2) REMOVE ALL MOUNTING BOLTS AND REINFORCEMENT PLATES FROM THE HITCH.
- (3) HOLD THE ASSEMBLED HITCH UP TO THE CAR CENTERED AND MARK FOR DRILLING AS FOLLOWS:
 - (A) THE BUMPER HANGER BRACKET ATTACHES TO THE BOTTOM LEDGE OF THE METAL INNER BUMPER. TWO 3/8" HOLES REQUIRED.
 - (B) THE FRONT CROSS BAR ATTACHES TO THE BOTTOM OF THE TRUNK FLOOR. TWO 3/8" HOLES REQUIRED.
- (4) REMOVE ANY MATERIAL FROM THE AREA OF THE TRUNK FLOOR WHERE DRILLING WILL OCCUR.
- (5) DRILL THE FOUR 3/8" MOUNTING HOLES REQUIRED AS MARKED.
- (6) MOUNT THE ASSEMBLED HITCH TO THE CAR USING THE HOLES DRILLED AS FOLLOWS:
 - (A) USE THE LONG REINFORCEMENT PLATE SUPPLIED ON THE INSIDE OF THE TRUNK WHEN ATTACHING THE FRONT CROSS BAR.
 - (B) USE THE TWO SMALL PLATES PROVIDED AS REINFORCEMENT ON THE INSIDE LEDGE OF THE BUMPER WHEN MAKING THE BUMPER CONNECTION.

TIGHTEN ALL FASTENERS TO THE TORQUE SPECIFICATIONS SHOWN BELOW AND RESTORE TRUNK TO ORIGINAL ORDER.

BOLT TIGHTENING TORQUE (LB-FT)

BOLT SIZE	TORQUE	BOLT SIZE	TORQUE
3/8"	25 LB FT	8 MM	20 LB FT
7/16"	50 LB FT	10 MM	38 LB FT
1/2"	60 LB FT	12 MM	68 LB FT
3/4"	120 LB FT		

**THIS PRODUCT COMPLIES WITH SAFETY SPECIFICATIONS AND REQUIREMENTS FOR SAE AND VESC REGULATION V-5 FOR CONNECTING DEVICES AND TOWING SYSTEMS.
DO NOT MODIFY THIS PRODUCT. INSTALL ONLY ON SPECIFIED VEHICLES IN GOOD CONDITION.**