



INSTALLATION INSTRUCTION
INSTALLER: GIVE THIS INSTRUCTION TO VEHICLE OWNER

CLASS I TRAILER HITCH
RT-800

APPLICATION: CHEVROLET LUMINA
CHEVROLET MONTE CARLO

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.

TOOLS REQUIRED:

WRENCHES: 13 MM, 9/16"

DRILL BITS: 3/8"

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) LOWER THE EXHAUST (EITHER DUAL OR SINGLE) BY REMOVING THE TWO BOLTS HOLDING THE EXHAUST HANGER BRACKET TO THE BODY AT THE END OF THE SIDE FRAME MEMBER.
- (2) REMOVE THE BOLTS AND REINFORCEMENT PLATES FROM THE TWO 15" LONG HITCH BRACES.
- (3) INSERT A REINFORCEMENT PLATE WITH NUT ATTACHED UP INTO EACH SIDE FRAME MEMBER THROUGH THE LARGE EXISTING OBLONG HOLE IN THE BOTTOM THAT IS LOCATED APPROXIMATELY 9 INCHES FROM THE END. CENTER THE NUT PLATE OVER THE OBLONG HOLE.
- (4) LOOSELY ATTACH THE **LONG** END OF EACH BRACE TO THE BOTTOM LEDGE OF THE SIDE FRAME MEMBERS BY THREADING THE 3/8" x 1 1/2" BOLTS PROVIDED UP INTO THE NUT PLATES INSERTED IN STEP (3). PLACE THE LOCK WASHERS PROVIDED UNDER THE HEAD OF EACH BOLT.
- (5) REMOVE THE MOUNTING BOLTS FROM THE MAIN BODY OF THE HITCH AND ATTACH TO THE VEHICLE AS FOLLOWS:
 - (A) THE SLOTTED HOLE IN THE PLATE ON EACH END OF THE HITCH CROSS TUBE WILL LINE UP WITH THE INSIDE MUFFLER HANGER ATTACHMENT POINTS. (SINGLE EXHAUST MODELS WILL HAVE JUST AN EXISTING BOLT ON THE DRIVER SIDE - REMOVE AT THIS TIME). MOUNT THE HITCH BY SANDWICHING THE HITCH PLATE BETWEEN THE HANGER BRACKET AND THE BODY AND REPLACE ALL BOLTS REMOVED IN STEP (1) AND PREVIOUSLY IN THIS STEP IF SINGLE EXHAUST. YOU SHOULD NOW HAVE RESTORED THE EXHAUST TO ITS ORIGINAL POSITION.
 - (B) CENTER THE HITCH ON THE CAR AND MOUNT THE BUMPER HANGER STRAP TO THE BOTTOM LEDGE OF THE METAL INNER BUMPER BY DRILLING TWO 3/8" HOLES WHERE REQUIRED. USE THE 3/8" FLAT WASHERS PROVIDED AS REINFORCEMENT ON THE INSIDE LEDGE OF THE BUMPER.
 - (C) ATTACH THE REAR ENDS OF THE TWO FRAME BRACES TO THE BOTTOM SIDE OF THE HITCH CROSS TUBE USING THE 3/8" x 1 1/4" BOLTS PROVIDED. PLACE THE NUT AND LOCK WASHER INSIDE THE HITCH TUBE AND THREAD THE BOLTS UP INTO THE TUBE.

TIGHTEN ALL FASTENERS TO THE TORQUE SPECIFICATIONS SHOWN BELOW.

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HARDWARE INCLUDED:

- 4 - 3/8"-16 x 1 1/2" BOLTS
- 2 - 3/8"-16 x 1 1/4" BOLTS
- 4 - 3/8"-16 NUTS
- 2 - 3/8" FLAT WASHERS

- 6 - 3/8" LOCK WASHERS
- 2 - 1/4" x 1" x 3" NUT PLATES (3/8"-16 NUTS)

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.