



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

**CLASS II TRAILER HITCH
R2-0458**

**APPLICATION: FORD CROWN VICTORIA
MERCURY GRAND MARQUIS
LINCOLN TOWN CAR**

**3,500 LB GROSS TRAILER WEIGHT
300 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: 7/8"

DRILL BITS: 1/2"

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) EXAMINE THE BOTTOM OF EACH SIDE FRAME MEMBER AND REMOVE ANY WELD SPATTER OR SLAG THAT EXISTS FROM THE AREA WHERE THE HITCH ATTACHMENT WILL BE MADE.

NOTE FOR LINCOLN TOWN CAR INSTALLATION: SOME MODELS MAY COME EQUIPPED WITH AN EXTERNAL DRESS PANEL. THIS PANEL MUST BE REMOVED FOR HITCH INSTALLATION.

- (2) REMOVE ALL MOUNTING BOLTS FROM THE HITCH NOTING THE PROPER LOCATION OF EACH.
- (3) HOLD THE HITCH UP TO THE VEHICLE CENTERED WITH THE SIDE BRACKETS POSITIONED AS FAR TO THE REAR AS POSSIBLE WITHOUT RIDING UP ONTO THE WELDS AT THE END OF THE FRAME MEMBERS.

2003 & LATER LINCOLN TOWN CAR: IT WILL BE NECESSARY TO RELOCATE THE PASSENGER SIDE EXHAUST HANGER BRACKET. REMOVE AND DISCARD THE BOLT HOLDING THE BRACKET TO THE FRAME. SLIDE THE RUBBER HANGER OFF THE TAIL PIPE BRACKET AND INVERT THE HANGER. DO NOT REATTACH THE EXHAUST BRACKET AT THIS TIME. THE EXHAUST BRACKET WILL BE ATTACHED TO THE HITCH SIDE BRACKET AFTER IT IS INSTALLED.

- (4) CLAMP THE HITCH IN PLACE AND USE THE SIDE BRACKETS AS TEMPLATES TO DRILL FOUR 1/2" HOLES IN THE BOTTOM OF THE FRAME MEMBERS.
- (5) INSTALL THE HITCH USING THE MOUNTING HOLES DRILLED AS FOLLOWS:
 - (A) **REARWARD HOLES:** INSERT ONE REINFORCEMENT PLATE AND BOLT INTO EACH FRAME MEMBER THRU THE OPEN END OF THE FRAME. USE ONE OF THE 1/2" CONICAL WASHERS ON THE BOTTOM SIDE OVER THE SLOTTED HOLE IN THE HITCH BRACKETS.
 - (B) **FORWARD HOLES:** THE REINFORCEMENT PLATES AND MOUNTING BOLTS MUST BE INSERTED INTO EACH FRAME MEMBER THRU THE ACCESS HOLE TO THE FRONT OF THE MOUNTING HOLES DRILLED. USE THE FISH WIRE PROVIDED TO PLACE THE BOLTS. USE ONE OF THE 1/2" CONICAL WASHERS ON THE BOTTOM SIDE OVER THE SLOTTED HOLE IN THE HITCH BRACKET.
- (6) 2003 & LATER LINCOLN TOWN CAR: ATTACHED THE PASSENGER SIDE EXHAUST HANGER TO THE SIDE BRACKET OF THE HITCH USING THE 8MM BOLT PROVIDED. INSERT THE SPACER BLOCK BETWEEN THE EXHAUST HANGER AND THE HITCH SIDE BRACKET.

TIGHTEN ALL FASTENERS TO THE TORQUE SPECIFICATIONS SHOWN BELOW.

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HARDWARE INCLUDED:

4 - 1/2"-13 x 1 3/4" CARRIAGE BOLTS	1 - 8MM LOCK WASHER
4 - 1/2"-13 HEAVY HEX NUTS	4 - 1/4" x 1 1/2" x 2" REINFORCEMENT PLATES
4 - 1/2" CONICAL WASHERS	1 - 1/4" x 1" x 2" SPACER BLOCK
1 - 8MM x 35MM BOLT	1 - FISH WIRE
1 - 8MM HEX NUT	

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.**