

PART NAME

REQD.

PART NUMBER

ITEM NO.  
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1	REAR DOUBLE BUMPER	1
2	FRAME BRACKETS (DRVR. & PASS.)	2
2	TUBE BRACES	2
1	LICENSE PLATE BRACKETS	1
6	BOLTS, 1/2"-13 X 1-1/4", HEX HEAD	6
4	FLAT WASHER 1/2"	4
6	NYLON, INSERT LOCK NUTS 1/2"-13	6
2	BOLTS, 3/8"-16 X 1", HEX HEAD	2
4	FLAT WASHER 3/8"	4
2	NYLON, INSERT LOCK NUTS 3/8"-16	2
4	SCREWS, 1/4" X 1/2" SLOTTED TRUSS HEAD	4
2	PLASTIC TIES, TO SECURE WIRING HARNESS	2
2	(HARDENED STEEL WASHER) 1-3/4" O.D. X 1/2" I.D. 1/8"	2
4	3/8" DIA. SURLYN WASHERS	4
2	SURLYN GASKET	2
4	1/2" DIA. SURLYN WASHER	4

- INSTALLATION INSTRUCTION FOR RANGER
1. CHECK THE PARTS LIST AND CONTENTS TO MAKE SURE THAT ALL PARTS ARE INCLUDED BEFORE STARTING THE INSTALLATION.
  2. USING THE HARDWARE PROVIDED, ATTACH EACH FRAME BRACKET TO THE OUTSIDE OF THE VEHICLE FRAME RAIL, AS ILLUSTRATED. HAND TIGHTEN.
  3. PLACE THE BUMPER UP TO THE FRAME BRACKETS, MAKING SURE THAT THE BUMPER TABS ARE INSIDE OF THE FRAME BRACKETS. (AS ILLUSTRATED). USING THE HARDWARE PROVIDED, ATTACH THE BUMPER TO THE FRAME BRACKETS. HAND TIGHTEN.
  4. AFTER CHECKING ALL CLEARANCES AND MAKING FINAL ALIGNMENT, TIGHTEN ALL (10) NYLON INSERT LOCK NUTS TO 75 FT. LBS.

USE THE TWO PLASTIC TIES, AND TIE OFF LOOSE WIRES TO THE BODY STRUCTURE. PUT ON HEADLIGHTS AND CHECK NEW LIGHT FOR FUNCTION.

#### IMPORTANT

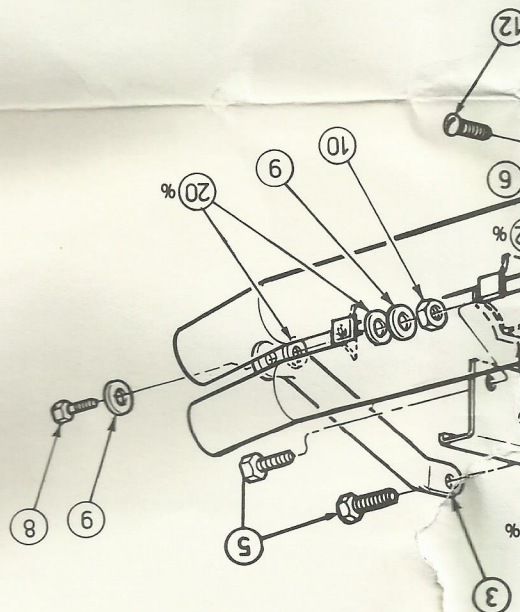
BEFORE OPERATING VEHICLE MAKE SURE THAT ALL HARDWARE HAS BEEN PROPERLY TIGHTENED TO 75 FT. LBS. EXCEPT ITEMS 8 WHICH ARE 25 FT. LBS.

#### CARE AND MAINTENANCE

TO CLEAN YOUR BUMPER USE A MILD SOAP AND REMOVE ALL WATER AFTER RINSING. YOU MAY APPLY A FINE QUALITY AUTOWAX TO IMPROVE THE LUSTER OF THE FINISH. PERIODICALLY CHECK ALL OF THE FASTENING HARDWARE AND TIGHTEN IF REQUIRED.

% ITEMS #20 21 & 22 TO BE USED WITH ALUMINUM SYSTEM ONLY

NOTE: INSTALL PRE-CUT SYRLYN GASKET BETWEEN MATING MEMBERS AND TIGHTEN TO REQUIRED TORQUE VALUES. THE LOCATION OF THE SYRLYN GASKETS ARE IDENTIFIED AS 21 MARKED AS ITEM 20 AND 22



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DEARBORN, MICHIGAN

IS-5701  
SHEET 10F1  
INSTALLATION - KIT - TUBULAR BUMPER  
REAR  
RANGER