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COVER SHEET

Ladder Rack Installation Instructions

REV. 1 11/04/2010

* The information contained in the attached document is of the latest released version. Use this as a reference. Insert the document in to the Service Publications Reference Guide Manual (Part # 1010-00223), Section 4 – Installation Instructions.

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Ladder Rack Installation

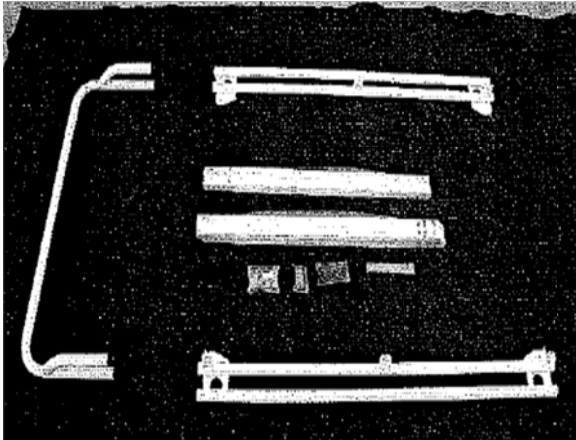
Models: All 1999-Current Long Utilities – eL/eLXD

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Procedure:

1. Lay out all materials included in kit on to a clean work area.

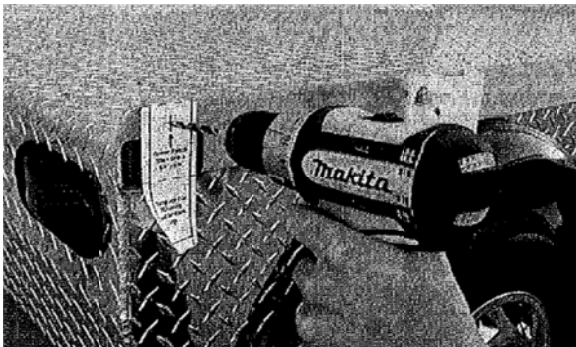
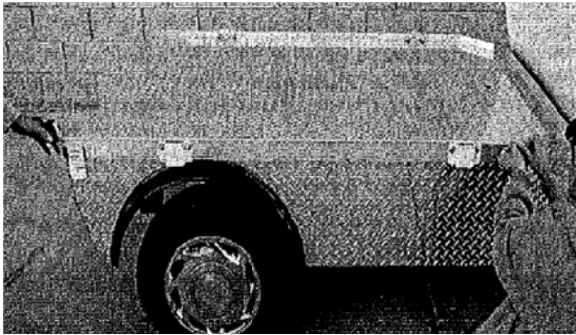
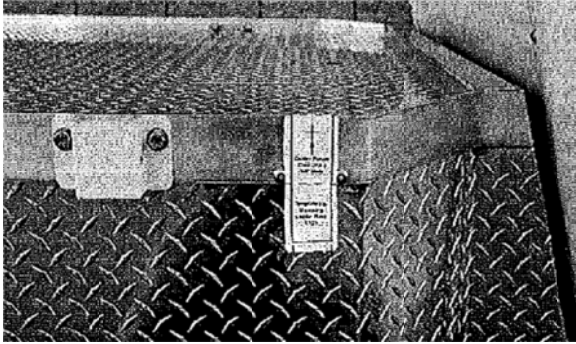


- Unpack hardware and lay out each of the pieces of the kit.
- See picture to left.

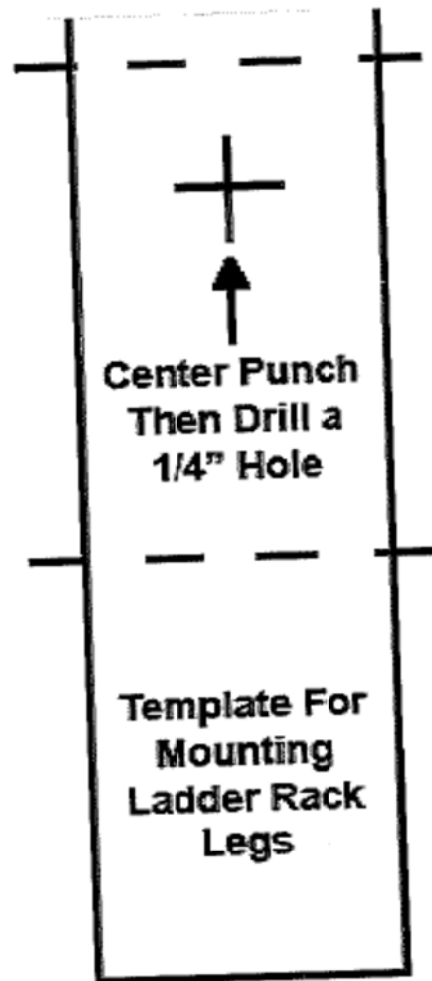
Note: Careful not to have any sharp objects or debris lying around so as not to harm the painted finish of the product.

(* continued on next page)

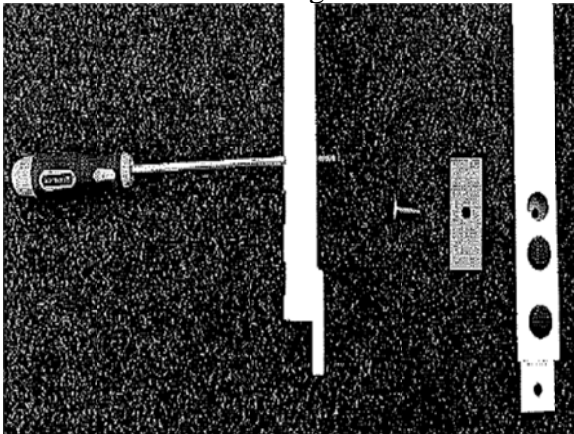
2. Locate and drill the mount holes for the legs of the ladder rack.



- Use the template provided to drill the hole locations for the legs of the ladder rack.
- Start toward the front of the bed as shown. Mark this location first.
- Measure back to the rear of the bed from the first hole 61.5" – center-to-center, as shown. Mark this location second.
- Center punch the holes.
- Drill out the holes with a 17/64" drill bit.
- Repeat 4X, one for each leg of the ladder rack.
- See pictures to left and template below.



3. Assemble the legs.

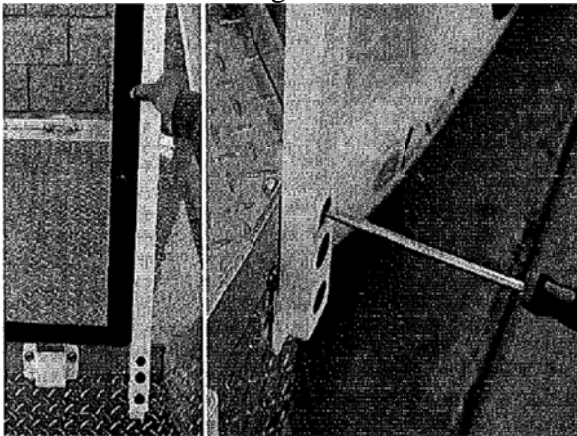


- Using the provided 1" bolts, assemble the legs with the reinforcement plates and bolt it inside the leg as shown.
- Tighten the bolts with a cordless drill (#3 Phillips) and a wrench (7/16").
- See picture to left.

Parts: Leg Assy.

- 4 – Bolt, 1/4-20 Phillips Pan Head 1" LG
- 4 – Reinforcement Plate
- 4 – Washer, Flat
- 4 – Nut, 1/4-20 Nylock

4. Attach the legs.



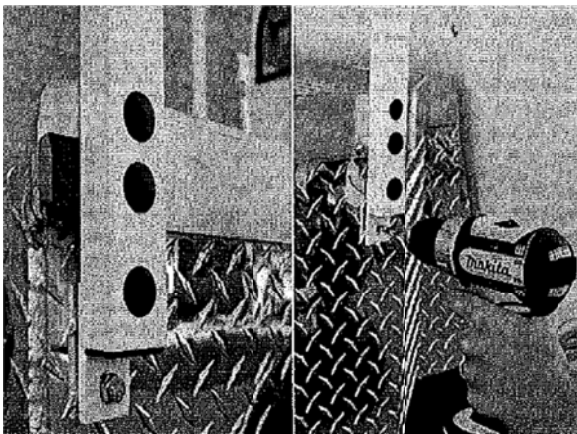
- Place the legs to the rails of the bed over the previously drilled holes.
- Attach the legs with the provided hardware.

Note: Be sure to line the legs up perpendicular to the bed so everything comes out square.

- Drill the bottom holes of the legs with a 21/64" drill bit and secure the legs with the provided hardware in the kit.

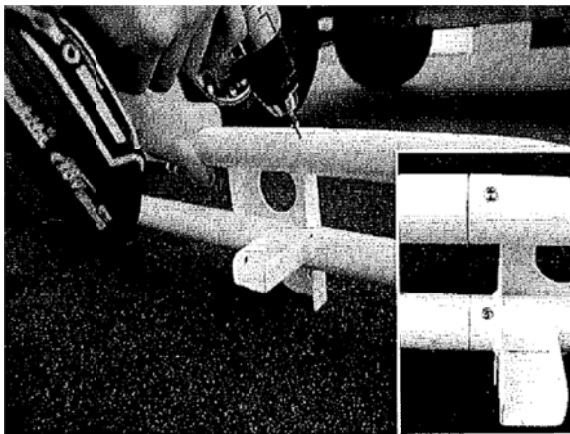
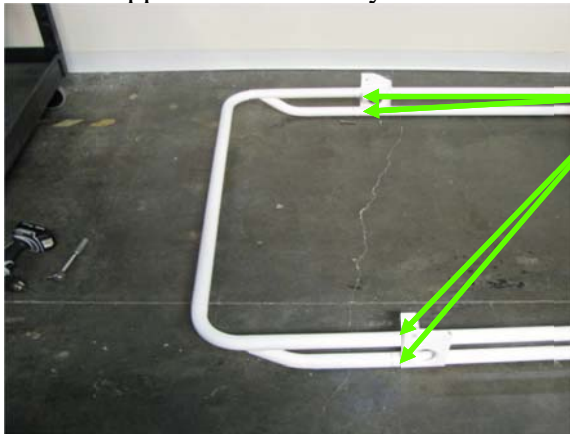
Parts: Leg Assy.

- 4 – 5/16-18 Bolt
- 4 – 5/16" Flat Washer
- 4 – 5/16" Fender Washer
- 4 – 5/16-18 Nylock Nut



- Tighten the bolts with 1/2" wrenches.
- Place the black plastic caps over the bolt holes of the legs.
- See pictures to left.

5. Upper Rack assembly.



- Carefully place the front of the ladder rack into the sides using a rubber mallet & a block of wood
- Secure the front to the sides by using the self-drilling screws provided (x4).
- Use a #2 Phillips screwdriver.

Note: The locations for the screws are **predrilled**.

- See pictures to left.

6. Upper Rack Cross Support Assembly.



- Lay the cross supports into position as shown.

Note: The threaded inserts **MUST** be pointing towards the **REAR** on the **DRIVER'S SIDE**.

- Fasten each cross support with 2 bolts & 2 nuts (nuts face rear of car).

Parts: Cross Support Assy.

6 – Bolt, 1/4-20x2” LG Phillips – Pan HD

6 – Nut, 1/4-20 Nylock

Note: Do not tighten any hardware until the rack is fully assembled.

- See picture to left.

7. Attach the ladder rack to the legs.



- Lift the ladder rack in to position.

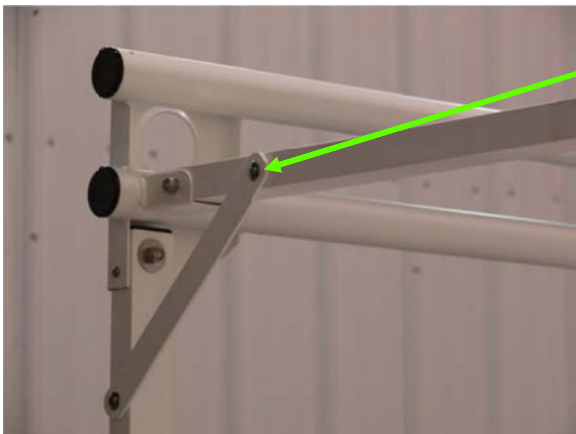
Note: Careful not to scratch the painted finish.

- Secure the rack to the legs with the provided hardware.
- See pictures to left.

Parts: Ladder Rack Assy.

- 4 – 1/4-20x1-1/2” LG Phillips Button HD
- 4 – 1/4” Fender Washer
- 4 – 1/4-20 Nylock Nut

8. Install the Gussets.



- Install the four (4) gussets.
- Tighten the gussets and the rack/leg connections using a cordless drill (#3 Phillips head) and a 7/16” wrench.
- See picture to left.

Parts: Gusset Assy.

- 4 – Gussets
- 8 – 1/4-20x3/4” LG Phillips, Button HD

Note: The two (2) gussets on the driver’s side mount on the back side of the legs and cross members while the passenger side gussets are mounted on the front side.

9. Insert Self-Drilling Screws.



- After every connection is tight insert four (4) self-drilling screws into the legs using a cordless drill and a #2 Phillips bit. One screw per leg support.
- See picture to left.
- At this point be sure to check all connections to insure security and tighten with the appropriate tool(s).

10. Attach decals to the ladder rack.



- Place a load limit decal on each side rail of the upper rack and one decal on the back cross member of the upper rack. Three (3) total.
- See picture to left.

PN: 0350-03130 - DECAL, LOAD - LADDER RACK 75LBS



11. Installation complete.



- Done.



Parts List:

0107-03586 ASSY, RACK - LADDER KIT, COMPLETE

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	0107-03580	ASSY, RACK - LADDER	1
2	0350-03130	DECAL, LOAD - LADDER RACK 75LBS	3

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