

LMTV Frame Plate Installation

LMTV Military Plow (NSN #3825015095922)

V.1.0.08.27.18



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Step	Instruction	Notes
	<p>*When unpacking, reuse shipping bolts.</p> <p>* Separate all bolts, nuts and flats.</p>	
1.	<p>Remove existing Cab Cylinder Tilt Plate.</p> 	
2.	<p>Remove 4 inside bolts on lower skid plate and install frame plate support (Part#: LMD80008) using the 4 supplied 1.50 x 50mm bolts (Part#: M12) and 4 flat washers.</p> 	

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3.	<p>Remove 4 upper bolts from Skid Plate and install hanger support (Part#: LMD80009) using the supplied 1.50 x 50mm metric bolts and washers (Part#: M12).</p> 	<p>You may also use the supplied 1.75 x 50mm metric bolts for this step.</p>
4.	<p>Tighten all bolts securing hanger support and frame plate support.</p>	
5.	<p>Hang front driver side frame plate (Part#: LMD80006) from hanger support (Part#: LMD0009), swivel back and attach to frame plate support (Part#: LMD80008) and attach using 5/8"x2" grade 8 bolts, flats and lock nuts.</p>  <p>Repeat step for Passenger side using (Part#: LMD80005).</p>	<p>Use 2 flats & 1 lock nut per bolt.</p>
6.	<p>Attach spreader bar (Part#: LMD80010) to rear of frame plate (Part#: LMD80005 & LMD80006) using (4) 1/2"x 2" grade 8 bolts, washers and lock nuts.</p> 	<p>Use 2 flats & 1 lock nut per bolt.</p>

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7.	<p>Attach front angle (Part#: LMD80003) between from plates using (6) ½"x 1¼" grade 8 bolts, flats, washers and lock nuts.</p>  <p style="text-align: center;">*For FMTV please skip to Step 10*</p>	
8.	<p>Place drivers side attachment (Part#: LMD80014) in between frame of truck and leaf spring. Repeat step for Passenger side using (Part#: LMD80013).</p>	
9.	<p>Use 2 large C-clamps to tighten frame plate up with bottom of frame attachment (one for drivers side and one for passenger's side) then bolt them.</p>	<p>Check for obstructions inside of frame before drilling.</p>
10.	<p>Drill three 5/8" holes through frame hanger and frame, bolt hangers to frame with supplied bolts.</p> 	

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7.	<p>Attach supplied hanger strap supports (Part#: D/S-LMD80012 & P/S-LMD80011) to vehicle clevis anchors and to top frame plate with supplied pins and bolts.</p> 	
8.	<p>Starting at the rear and working towards the front of vehicle, tighten all bolts.</p>	
9.	<p>Install cab tilt cylinder plate (Part#: LMD80007) to LMD80009 & LMD80008 to protect tilt cylinder.</p>  <p>LMTV PROCESS COMPLETE.</p>	
10.	<p>Place driver side attachment (Part#: FMD80014 black painted bracket) in between frame of truck and leaf spring.</p> <p>Repeat for passenger side with frame hanger (Part#: FMD80013 tan painted bracket).</p>	
11.	<p>Use 5/8" x 1 1/4 fine thread bolts with 5/8" lock washer and 5/8" flat to hang the tan hanger brackets in place on the upper armor pillow block holding the OEM cylinder in place.</p>	<p>Do not tighten at this step.</p>
12.	<p>Use 2 large C-clamps to draw rear frame plate up to line up holes with tan hanger brackets on frame plate.</p>	
13.	<p>Continue back to Step 10 for remaining steps.</p>	

