

IF THE COVER

Field problems with the vinyl covers for 4-man soft-top HMMWVs include shrinkage from changing weather conditions, to “it won’t quite fit” when new.

Most units can’t afford to replace cargo covers just because they’re a little hard to tie down. Instead, they find a way to make do until the covers are worn out.

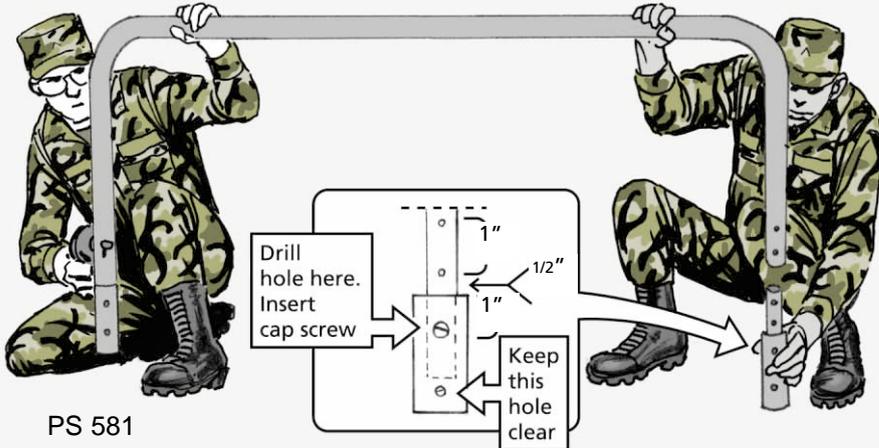
Here’s one way to alter the support bows to help make do:

Remove the bows and cut 1 inch off both ends. Then re-drill the ¼-in bolt holes at the bottom. Shrunken covers should fit fine with this modification.

But what happens when you get a new cargo cover that fits too loosely on your altered bows? You buy new ones, or you make do. Here’s how:

1. Cut 6 inches off each end of the bows.
2. Insert a 6 ½-in or 7-in metal bar into each 6-in piece of bow you just cut off. The diameter of the bar depends on the wall thickness of the bow stock. See the materials chart.
3. Leave the bolt hole at the bottom of each bow piece clear and drill a ¼-in hole 1 inch down from the top of the 6-in bow piece. Drill through the bow and bar. Secure the bow and metal bar with a cap screw and locknut. See the materials chart.
4. Butt the top portion of the bow up against the 6-in bow piece and bar. Drill a ¼-in hole through the bow and bar ½ inch up from the cut line.
5. Remove the top portion of the bow. Measure 1 inch up from the center of the hole that’s ½ inch up from the cut line. Drill another ¼-in hole in the bar.

Now you can adjust the bows to their original height, or move them down to fit shrunken covers.



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WON'T FIT...

Here are the materials you’ll need for this modification:

ITEM	NSN	QTY
Metal bar (for .049-in bow wall thickness)	9150-00-596-2063	6 1/2 to 7 inches
Metal bar (for .095-in bow wall thickness)	9150-00-596-2066	6 1/2 to 7 inches
Metal bar (for .120-in bow wall thickness)	9150-00-596-2067	6 1/2 to 7 inches
Cap screw	5305-00-225-3841	8
Locknut	5310-00-761-6882	8

M939-Series Trucks...

The Right Tire Choices



Until all basic M939-series 5-ton trucks have the anti-lock braking system (ABS) MWO applied, some will use bias tires while others run radials.

Make sure you’re using the right tire, tube and flap on your trucks.

For basic models without ABS MWO applied (except M945)

- Bias tire, 11.00x20, 12 ply—NSN 2610-00-262-8653
- Inner tube—NSN 2610-00-051-9450
- Flap—NSN 2640-00-158-5617

For basic models with ABS applied (except M945)

- Radial tire, 11.00R20, with flap—NSN 2610-01-473-3997
- Inner tube—NSN 2610-00-029-0563

M945 chassis without ABS

- Bias tire, 14.00x20, 12 ply with flap—NSN 2610-00-204-2545
- Inner tube—NSN 2610-00-051-9464

M945 chassis with ABS, plus all A1-series and A2-series with ABS

- Radial tire, 14.00R20—NSN 2610-01-214-1344
- Inner tube—NSN 2610-01-412-4635 (if needed)
- Flap—NSN 2640-01-416-8178 (if tube is added)

All these tires use valve extension, NSN 2640-00-200-1934, and cap, NSN 2640-01-098-2029.

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