



Title: Telma Mounting Hardware Inspection

Date: July 7, 2020

Vehicles: *KME Custom Chassis' that have a Telma retarder.*

Issue: Incorrect Mounting Hardware may have been used.

Corrective Action: Inspect Telma retarder mounting bracket's attaching hardware. If attaching hardware is showing signs of wear, is incorrect or not torqued to 65 ft-lbs., replace attaching hardware.

See KME Parts Required below.

Work Instructions: See Attachment.

Tools Required:

- Common Hand Tools including a torque wrench
- Personal Protective Equipment (Protective Glasses, Gloves, Face Shield, etc.)
- Creeper

KME Parts Required: If a corrective action is required, the following will be needed:

- (8) M14 x 2 x 35 mm GR 8.8 bolts
- (8) Trep-style spring washers.

KME CONTACT: Dennis Wittig, Technical Support

TELEPHONE: 570-233-1891

EMAIL: dwittig@kmeffire.com

MAILING ADDRESS: KME Fire Apparatus
Plant #8
One Industrial Complex
Nesquehoning, PA 18240

ATTENTION: Mr. Dennis Wittig

WORK INSTRUCTIONS



THE ENGINE AND OTHER CHASSIS COMPONENTS GET EXTREMELY HOT. WHEN WORKING AROUND THE ENGINE, TRANSMISSION, BRAKES, AXLES AND EXHAUST, BE CAREFUL NOT TO GET BURNED. IF POSSIBLE, WAIT FOR COMPONENTS TO COOL DOWN.

1. Ensure the vehicle is parked in a safe area with the park brake set.
2. Chock the wheels
3. Locate the Thelma retarder under the vehicle.

LEFT SIDE BRACKET

4. Locate the mounting brackets on the left side of the retarder.
5. Verify that the hardware is correct. Ensure that each bolt has a washer. See Figure 2.

(M14 x 2 x 35mm GR 8.8 Bolt with a trap-style spring washers)
6. Visually check that the attaching hardware is tight. Ensure that bolts and washers are flat against the bracket with no gaps or cracks. See Figure 3.
7. Verify that each bolt is torqued to 65 ft-lbs.

Replace any bolt that is out of torque or not torqued to 65 ft-lbs.

8. Make inspection notes to be used later.
 - Hardware is correct.
 - Hardware is tight: flat against the bracket with no gaps or cracks.
 - Each bolt is torqued to 65 ft-lbs. Replace any that is not.

9. Go to next step, Inspect Right Side Bracket.

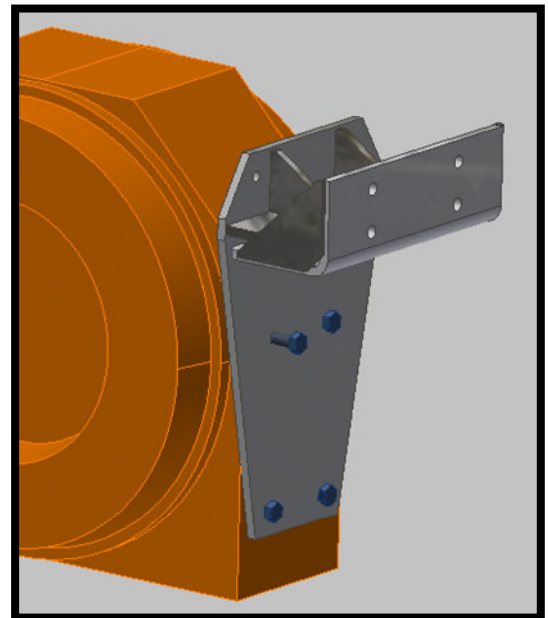


Figure 1 Telma, Mounting Bracket and Mounting Hardware

WORK INSTRUCTIONS **(CONTINUED)**

RIGHT SIDE BRACKET

10. Verify that the hardware is correct. Ensure that each bolt has a washer. See Figure 2.

(M14 x 2 x 35mm GR 8.8 Bolt with a trep-style spring washers)

11. Visually check that the attaching hardware is tight. Ensure that bolts and washers are flat against the bracket with no gaps or cracks. See Figure 3.

12. Verify that each bolt is torqued to 65 ft-lbs.

Replace any bolt that is out of torque or not torqued to 65 ft-lbs.

13. Make inspection notes to be used later.

- Hardware is correct.
- Hardware is tight: flat against the bracket with no gaps or cracks.
- Each bolt is torqued to 65 ft-lbs. Replace any that is not.

14. Complete Recall 20V341 response card when the work is finished. Use notes taken during inspection. Return the card to Dennis Wittig, dwittig@kmeffire.com.

See KME Contact Information on first page.



Figure 2 Attaching Hardware



Figure 3 Bolt and Washer Correctly Attached and Torqued