



RSB – 05222024-03K

RECALL SERVICE BULLETIN

TITLE: Relay Valve on Tandem Rear Axles

DATE: *May 22, 2024*

VEHICLES: Vehicles Part of KME Recall 24V-363/TC ID: 2024-288

This Service Bulletin applies to certain 2022 through 2023 model year KME Predator model emergency response chassis cabs built between April 14, 2023 and November 29, 2023.

ISSUE: Rear park brakes may fail to apply.

CORRECTIVE ACTION: Inspect for correct relay valve. If the valve is incorrect, replace with correct relay valve. See KME PARTS REQUIRED below and Work Instructions.

LABOR ALLOCATION: Replacement 1 hour

CLASSIFICATION: M3

WORK INSTRUCTIONS: See Attachment.

TOOLS REQUIRED:

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

KME PARTS REQUIRED: Contact the KME Warranty Department below to order.

1 REV Number 076413V (103009) – Valve, R12 Relay

CONTACT: Warranty Department

TELEPHONE: 888-259-0131, Option 1

EMAIL: jsobolewski@kmeffire.com

MAILING ADDRESS: KME Fire Apparatus
Plant #4
One Industrial Complex
Nesquehoning, PA 18240

ATTENTION: Warranty Invoice Processing

Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of specific nature in conjunction with industry standards. Professional Technicians should be appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



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WORK INSTRUCTIONS

GENERAL INSTRUCTIONS:

Thoroughly review the entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact KME Customer & Product Support (1-888-259-0131)

All applicable industry safety standards must be followed when performing work identified in this procedure.



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.

Step By Step Instructions

1. Ensure the vehicle park brakes are set and the wheels are chocked.
2. Locate the relay valve behind the rear tandem axle on the frame rail.

NOTE: The relay valve is mounted to the crossmember near the rear drive axle under the truck. (See Figure 3.1)

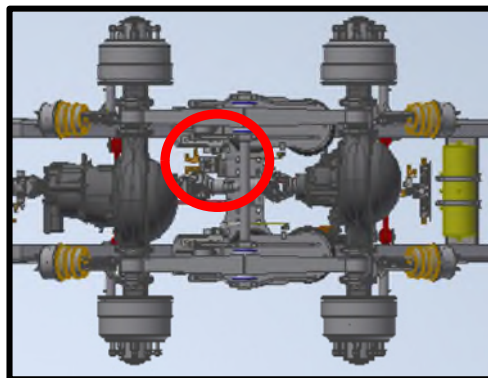


Figure 3.1 Relay Valve Location

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WORK INSTRUCTIONS
(CONTINUED)

3. Determine which relay valve is installed on the vehicle. Compare the installed relay valve to the photos below. If the one on the left is installed, go to step 4. If the one on the right is installed, go to step 9.

INCORRECT



CORRECT



Figure 3.2 Correct Valve on the Right Side

4. Label all lines connected to the relay valve.
5. Remove incorrect relay valve. Set aside attaching hardware for later use.
6. Install correct relay valve, R12 using attaching hardware.
7. Prep all lines and fittings to be attached to the relay valve before connecting.
8. Ensure that the park brake and braking system are working properly.

Jack each rear axle wheel end off of the ground one at a time. Next, cycle the dash mounted park brake control inside the cab. (Yellow, Bendix PP1 Control)

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9. Notify KME that this Recall Service Bulletin has been completed. See Contact on first page of this bulletin.

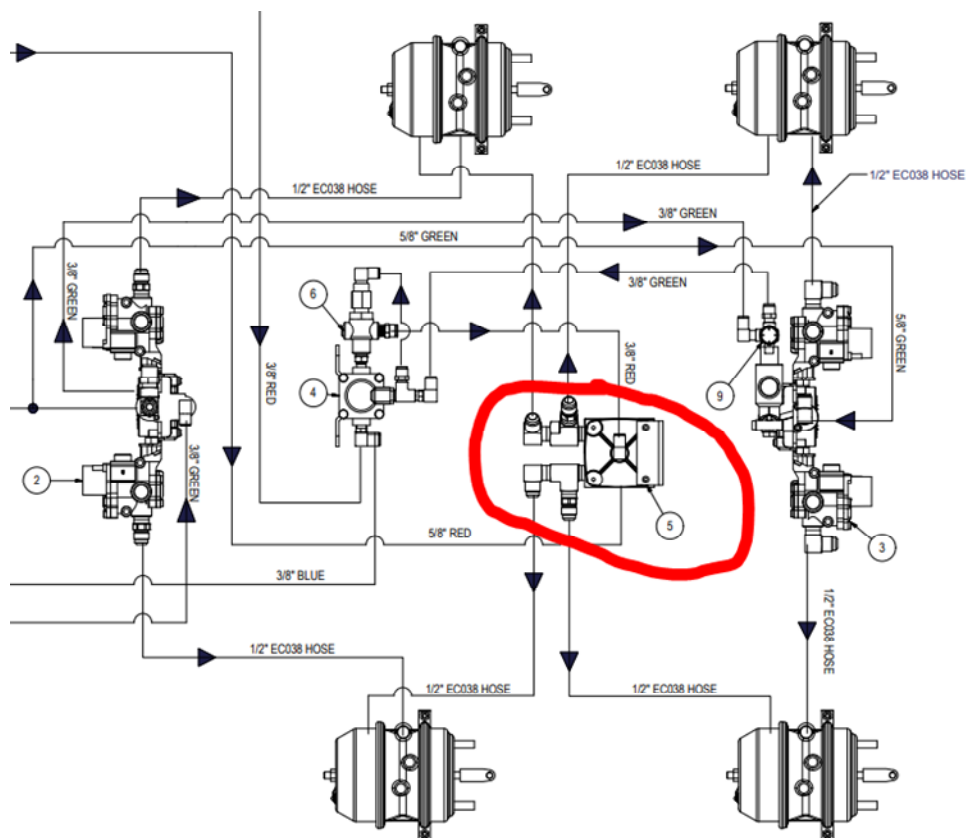


Figure 3.3 Air System Schematic with Relay Circled

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