



Technical Service Bulletin

*****Attention this is not a recall*****

Please read the entire Bulletin before proceeding with any work. Contact Rosenbauer America if there are any concerns with information contained in this document.

Subject: Aerials Solenoid Coil

Applies To: Certain 2019, 2020 and 2021 Rosenbauer Aerials with Commander chassis installed with a vendor part number of 6030-0000-00.

Condition: V-MUX input pin may fail due to a flyback voltage spike from an unsuppressed solenoid coil installed on a hydraulic manifold for the aerial. The V-MUX input pin calls for engine high-idle at the request from the aerial. Failure mode is that engine will not go to high-idle at the request of the aerial. Aerial PTO hydraulic pump will continue to output full system pressure and aerial will still function. Aerial may run slower due to lower engine speed.

Correction: Rosenbauer will provide a new suppressed solenoid coil for the dealer to install. Follow the instructions below on how to change the solenoid coil. We request that you use the SRS system to track requests for a replacement solenoid coil.

Parts needed: Rosenbauer part number 47973

Tools Needed: 3/4" Wrench

Time Allowed: 15 minutes

Instructions are on the following pages.

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1) Locate blue anodized hydraulic manifold near the aerial PTO hydraulic pump (general location shown in picture below).



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2) Unplug 2-pin Deutsch connector and remove 3/4" nut on top of coil (see picture below).

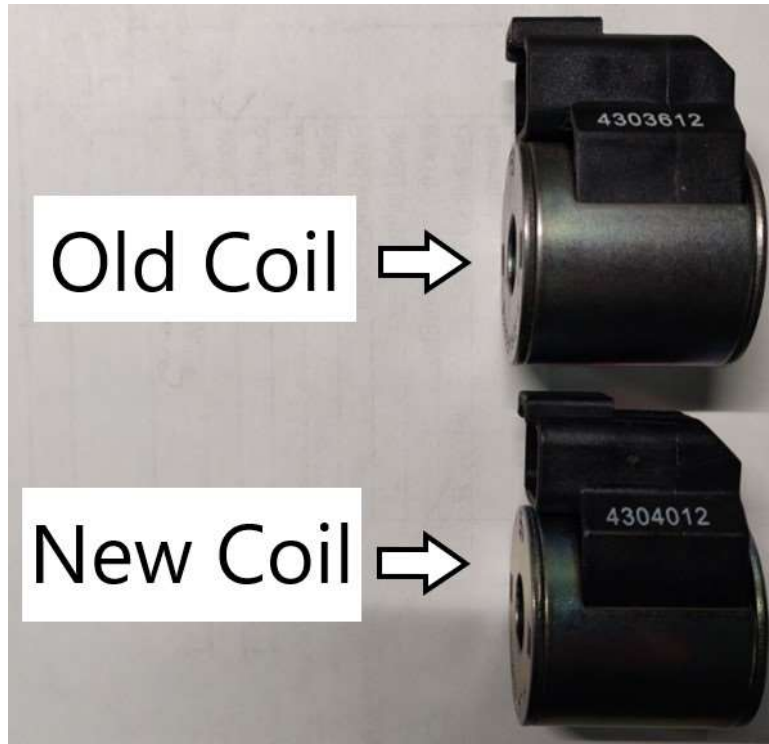


- 3) Replace old coil with new coil.
- 4) Reinstall nut and reconnect 2-pin connector.
- 5) Test operation before and after installation for high idle function. Contact Rosenbauer Warranty and Customer Service if problems.
- 6) Once complete, install decal in officer kick plate with TSB-042121 and today's date written on it.



Old coil (unsuppressed) marked with part number 4303612.

New coil (suppressed) marked with part number 4304012.



Decal Installation Instruction

Located in officer side kick panel.



Open officer side
kick panel.



Install decal here with TSB
number and date completed.



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