



## STAR ONLINE PUBLICATION



**Case Number:** S2108000071 REV. E

**Release Date:** August 2024

**Symptom/Vehicle Issue:** Message Displayed on the Cluster, "Service Active Dampening Suspension System"

**Customer Complaint/Technician Observation:** The customer complains that the cluster displays a message "Service Active Dampening System". The technician observed the vehicle may have set Diagnostic Trouble Code (DTC) B2286 Calibration Not Learned or U0401-00 Implausible Data Received from The ECM/PCM set in the Drive Train Control Module (DTCM) and/or Active Dampening Control Module (ADCM). Inspect for suspension updates that may be part of tire modifications; aftermarket updates or changes to OEM equipment which are an owners' responsibility and are not considered warrantable.

**Repair Procedure:** Use the Scan Tool to Perform the "Height Sensor Calibration" in the ADCM or the Powertrain Control Module (PCM) "TRX Suspension Rebound Reset" that is required after a PCM or height sensor replacement Pg 1 and 2.

The screenshot displays a diagnostic tool interface. At the top, there is a section for the ADCM (Active Damping Control Module). Below this, there are several tabs: Flash, DTCs, Data, Misc Functions (which is selected), System Tests, Actuators, Details, and Configuration. Under the Misc Functions tab, the NAME field shows "Active Dampening Height Sensor Calibration".

Below the ADCM section, there is a vehicle information bar for a "2021 RAM 1500 PICKUP 6.2L V8 SUPERCHARGED" with VIN "1C6SRFU98MN500109".

Below the vehicle information, there is a section for the PCM (Powertrain Control Module). It also has tabs: Flash, DTCs, Data, Misc Functions (selected), System Tests, Actuators, Details, and Configuration. Under the Misc Functions tab, the NAME field shows "TRX Suspension Rebound Reset".

### Pg 1

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

**Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found**



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### TRX Suspension Rebound Reset

The TRX Suspension Rebound Reset procedure will permit the PCM to learn the suspension Rebound position of all four wheels.

This procedure must be performed anytime the PCM or any ride height sensor is replaced.

Cancel

Continue

**NOTE: Each procedure has specific steps to follow as displayed by the tool.**

## Pg 2

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