SS 1033403 - WST Wiper Motor not Parking Issues

WST Wiper Motor not Parking issues

Applicable Vehicles
WST 4700, 4800 and 4900

Symptoms
Wiper Motors not Parking even after turning switch off.

Issue
Ground connection not effective or presenting a higher than recommended resistance path.

Solution
It has been tested in the field that the addition of a solid ground to the Wiper Motor Connector Ground resolves the issues.
Below are instructions to improve the Ground Connection to the Wiper Motor.
Below are shown the locations of the Gnd Terminal Aux PDM Bracket and P12 Wiper Motor Gnd 1 Cav Connector.

GND-Aux PDM

Ground ring Terminal at the Aux PDM mounting bracket.

P12 WP

P12 1 Cav Connector, Wiper Motor.

Route new Jumper Harness from P12 WP to GND-Aux PDM as shown with the red dashed line. Use 12 AWG TXL White Cable with Ring Terminal PAC 12103513 and Term Female W-P PAC12124581 and seal PAC 15324981 B.

Jumper Harness: 12 AWG TXL White.

PAC 12103513 Ring Term

PAC 12124581 - Term WP/
PAC 15324981 B Seal
Adding Solid Ground to Wiper Motor from P12 WP to the Cab Ground Stud Aux PDM Bracket in Main Cab Dash Harness for 4700 – 48/4900 Models as shown below with Red Line overlying it on Main Cab Harness:

Ground ring Terminal at the Aux PDM mounting bracket.
Please contact the WST Field Service Support Team and/or your WST DSM if you have comments or questions. Please also provide us feedback about how effective the proposed fix was to resolve your issues.