

# Detroit Assurance MPC/DFC/RLS Bracket Double Sided Adhesive Failures:

## Detroit Assurance MPC/DFC/RLS bracket double sided adhesive failures

### Problem Details:

- The Camera bracket mounted to the inner windshield with double sided adhesive is debonding from the windshield and/or plastic bracket, causing the assembly to dangle by the harness. This impacts automated wipers, driver/forwardfacing camera features as well as lane departure and sign recognition.

### FSPRs, FRACAS, DPR, Zeus:

- FSPR# 39635, 39373 and 39348

### Affected Models / Truck options:

- All models, See LTCA for change overs and expected clean dates →



## Workshop Manual Update and Service solution Pending

### Production Containment:

- Bemis: added 2 stage alcohol wipe and drying process after demolding.
- Vitro: No longer staging adhesives with backing removed causing moisture and dirt to fall on the exposed adhesive prior to install. Pull test being performed on windshield bracket assemblies.

### Field Containment (short term):

- Workshop manual will be updated with removal and installation processes. (all models)
- Service solution as short term guidance prior to 2026 change over



### Root Cause:

- Installation process and cleanliness at supplier.
- Mold release not removed from bracket before adhesive application.

### Long Term Corrective Action Plan:

- 46V M2+, 49X and 47X are changed over to Poly-tec bracket 7/7/2025
- 45X uses unique Poly-tech bracket (no reported failures, Keep an eye out)
- P4 August 2025 when stock is depleted. This will be the clean point from supplier.
- Engineering received a 3D scan report of all windshield and bracket configurations to assist with root cause.

### Long Term Field Plan:

- For vehicles running the Bemis bracket (A22-79363-000)
- Inspect replacement parts for bubbling prior to installation.
- Use an alcohol wipe to thoroughly clean the mating surfaces and let dry fully. Sometimes a plastic scraper is needed to remove residue.
- Do not install on an excessively hot or cold windshield for best results.
- Rain light sensor is 1-time use.



Additional cleaning required →

