



All American Cowl Panel Repair

UPDATE

WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment when performing these procedures. This procedure requires drilling, welding, grinding, sanding and painting. Observe all local safety precautions.

Body Models Affected: All-American (A3FE & A3RE)

Under certain conditions you may experience a crack forming on the cowl panel where the crossview mirrors mount, reference photo. Perform the following procedure at each area where cracks have formed.

1. Disconnect the batteries, negative first, and then positive.
2. Remove the mirror mounting brackets.

NOTE: If the bus has heated mirrors you need to disconnect the wiring to prevent damage to the harness.



3. Stop drill the end of the crack with 1/8 inch bits.
4. Prep the cracked area for welding by removing the paint and notching a “V” groove along the crack.
5. Weld the crack solid from the mounting hole to the drilled stop hole.
6. Dress/grind welds down and flush with cowl panel surface as possible so that body work will be minimal.
7. Prep repair site and apply body filler as required.
8. Back drill the existing mounting holes with an 11/32 drill bit.
9. Install ¼ in rivnut (02001394).
10. Perform final prep, then spot paint and blend the affected area. Buff and finish as required.
11. Re-install mirror brackets using ¼ screws (02000701) as required.
12. Reconnect batteries, positive first then negative.
13. Place the bus back into service.