

MIRROR BOLT INSTALLATION



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Property and Top Bus Number: DART: 304500



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Issue: Collision damage to body structure when mirror is impacted

Reason/ cause: Vehicle collision damage

Solution: Change mirror attachment hardware to break-away type bolts

Number of affected buses: 39001-39050

Estimate repair hours/bus: 1 hr

Necessary parts: 3/8x24 break away bolts 700-8601-082 4per

Necessary tools: usual hand tools (sockets and ratchets), torque wrench (20 ft. lbs.), 5/16 Allen head socket, step ladder



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SAFETY PRECAUTIONS MUST BE FOLLOWED ACCORDING TO ACCEPTED INDUSTRY STANDARDS AND LOCAL/PROPERTY REQUIREMENTS.

1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch(es)
3. Remove hardware from mirror base

Remove hardware



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4. Unplug mirrors and slide the mirror up and out of the mounting brackets
5. Remove mounting and replace with breakaway bolts (700-8601-082) 4X

Remove on both sides and replace



6. Torque new bolts to 20 ft. lbs.

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7. Slide mirrors back into brackets and reinstall hardware on both sides. Plug harness in bottom of the base when finished

Tighten hardware



8. Check for completeness of work.
9. Remove all tools from working area.
10. Turn the main battery disconnect switch(es) on.