

New Jersey Transit: ZF Shift Selector Replacement



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Property and Top Bus Number: New Jersey Transit 40SFW, 164200, 164400, 279000, 289000,
308000

Issue: ZF has released an updated version of its Eco-Life shift selector.

Reason/ cause: Product improvement.

Solution: Replace shift selector per this work instruction.

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Number of affected buses: As required on 40SFW buses built before bus # 6470

Estimate repair hours/bus: 15 minutes

Necessary parts:

Shift selector, ZF,

P/N: **6006 341 036**,

1/bus,

Note: While the part number of the new shift selector has not changed, the updated shift selector is easily identifiable by the "HW" number on the part's ID tag. The updated shift selector has the Number HW: 0004.

Necessary tools:

NA

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

1. Park the bus on a flat surface and apply the parking brake.
2. Turn the battery disconnect switches off.



3. Open the access door of the main electrical compartment underneath the driver's side window.



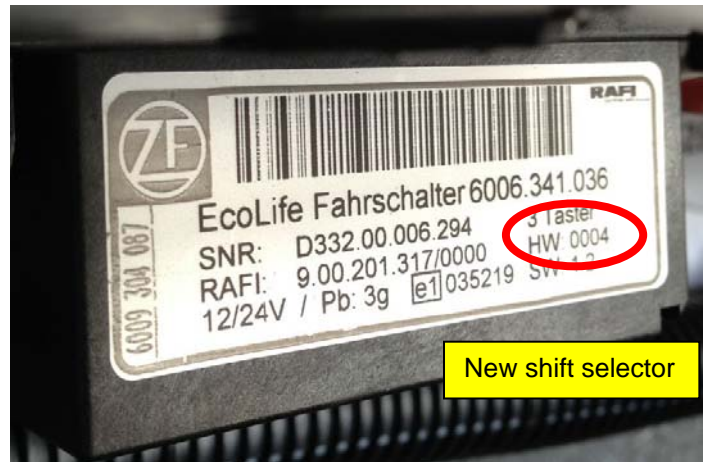
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4. Locate the shift selector and check the ID tag on the side of the shift selector. If the ID tag shows HW 0004 then no further action is required. If the decal shows HW: 0001, HW: 0002 or HW: 0003 then follow the procedure written below.

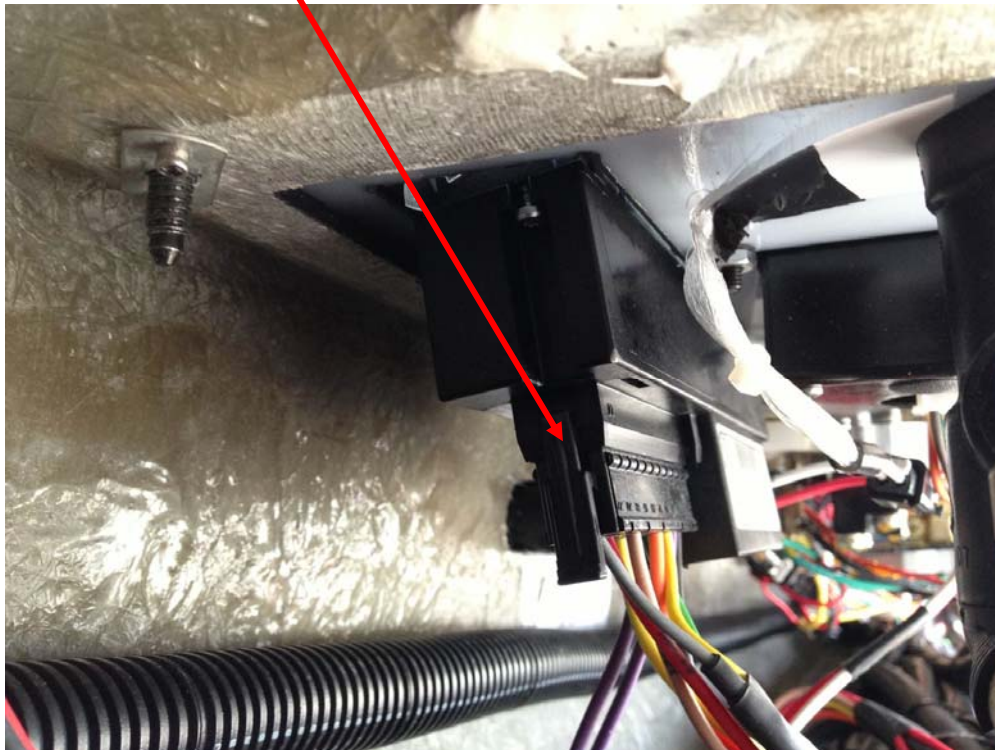


Shift selector and ID tag



New shift selector

5. Disconnect electrical connector from the shift selector.



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6. Push the shift selector up so it separates from the side panel.
7. Go inside the bus and lift the shift selector up.



8. Install new shift selector. Push the shift selector down into the opening of the side panel.
9. Connect the electrical connector to the new shift selector.
10. Remove unused parts and tools from work area.
11. Check for completeness of work.
12. Turn battery disconnect switches on.
13. Start the bus and let the air pressure built up to 115-120 PSI.
14. Check the correct operation of the new shift selector.
15. Record bus number, mileage and date of completion.