

ENGINE CONTROL BOX RELAY CHANGE INSTRUCTIONS



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Property and Top Bus Number: DART: 304500



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Issue: Reliability of relays in engine control box

Reason/ cause: Type/brand of relays

Solution: Replace relays with new type/brand

Number of affected buses: 39001-39104

Estimate repair hours/bus: 30 min

Necessary parts: Relay, spdt, diode,12v, 1.6w	700-1685-013	2 per
Relay, spdt, diode,24v, 1.6w	700-1685-012	4 per

Necessary tools: screw gun

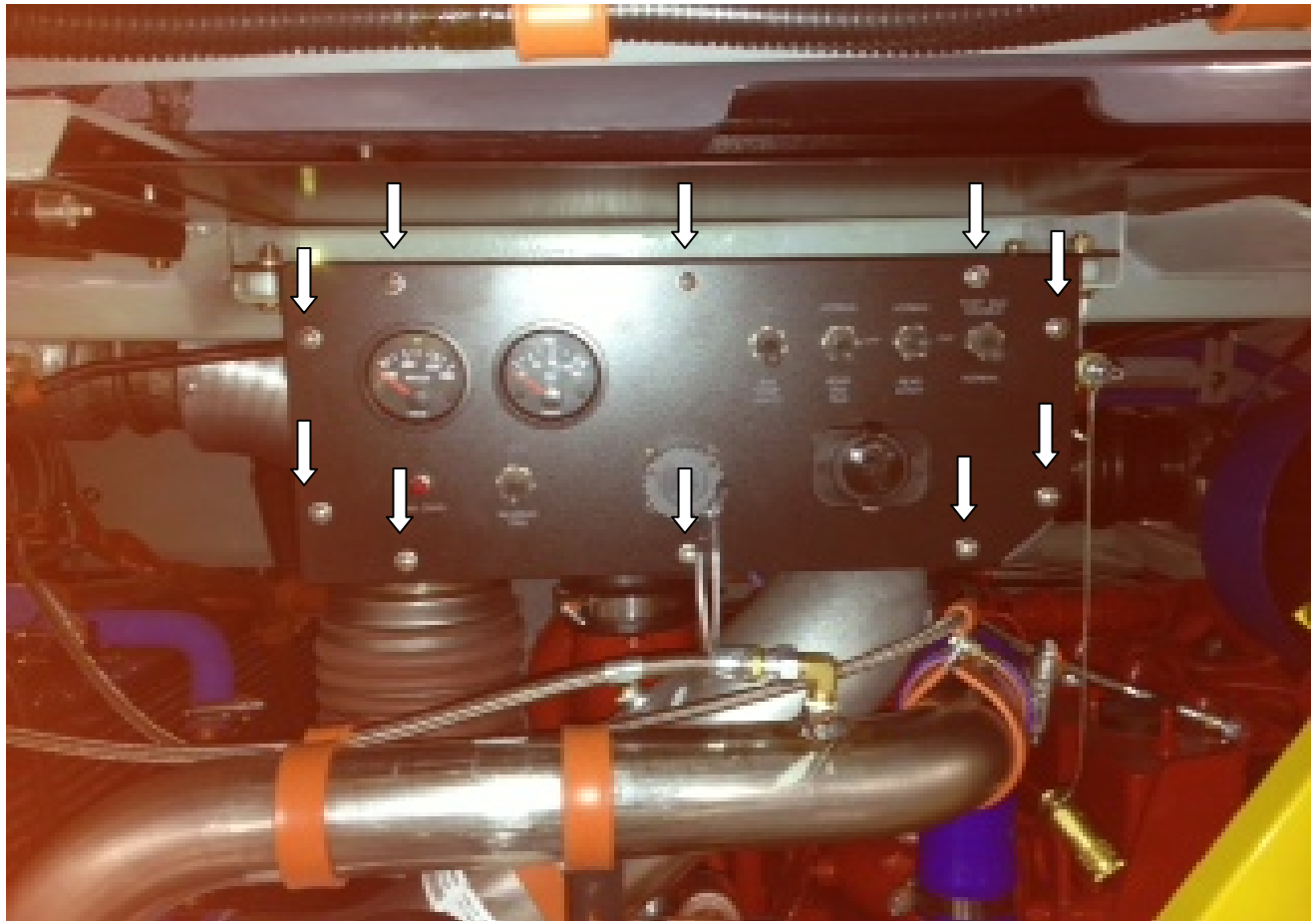
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SAFETY PRECAUTIONS MUST BE FOLLOWED ACCORDING TO ACCEPTED INDUSTRY STANDARDS AND LOCAL/PROPERTY REQUIREMENTS.

1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch(es).
3. Open engine door and remove the ten screws holding the engine control box cover on.

Remove these screws (10X) and remove cover

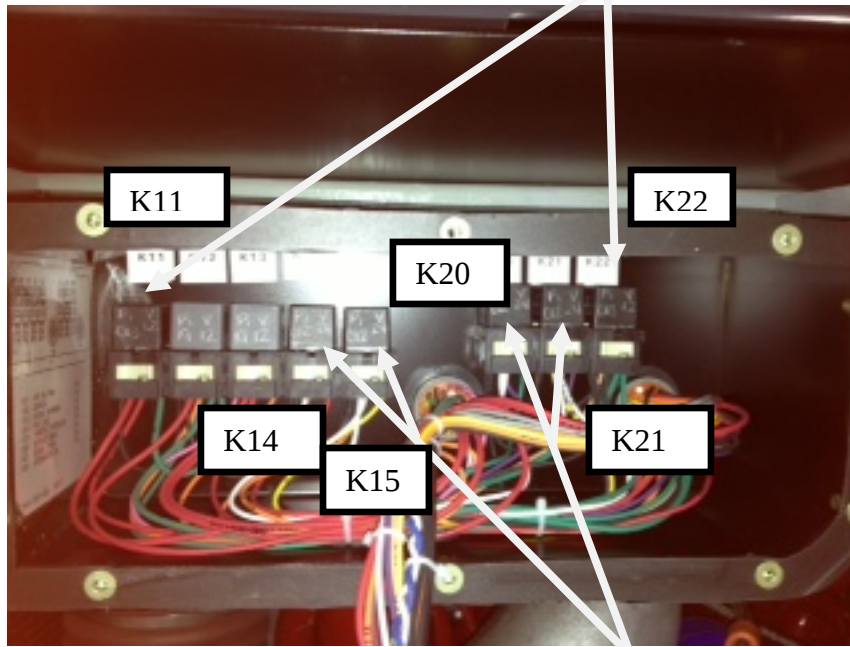


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4. Remove relays shown and replace with new ones as stated

Remove and replace with 700-1685-013 (X2) K11, K22



Remove and replace with 700-1685-012 (X4) K14, K15, K20, K21

5. Reinstall engine control box cover and screws (X10)
6. Check for completeness of work
7. Remove all tools from working area.
8. Turn the main battery disconnect switch (es) on.