Tech Tip

From your friends at New York Bus Sales

Product Affected-Early Production All American "D3" Forward Engine

Complaint - The heater hose running to the right rear corner of the engine is rubbing on the engine hood – causing the heat wrap to wear through and if not caught in time the hose to wear into the cords.

Cause - Routing – The hose is improperly routed and needs to be rerouted so it does not contact the engine hood and is further away from the exhaust manifold.

Correction - In Figure #1 you can see current routing and how the valve assembly goes over the top of the exhaust manifold. Figure #2 shows the marks left in the engine hood insulation from this routing.

You first need to let the engine cool and then drain off coolant so that it is below the level of the engine block. Next remove the hose from the fitting. Remove the fitting from the valve and replace with fitting #00103628 which is a 90* fitting. Tighten the valve assembly in the head turning it 90* to point towards the rear of the doghouse as in Figure #3. Using thread sealant, install #00103628 in the valve and tighten bringing to the 4 o'clock position as in Figure #3. If there is not enough hose or it has "wear" damage it shold be replaced and then the insulation cover replaced - #00118668
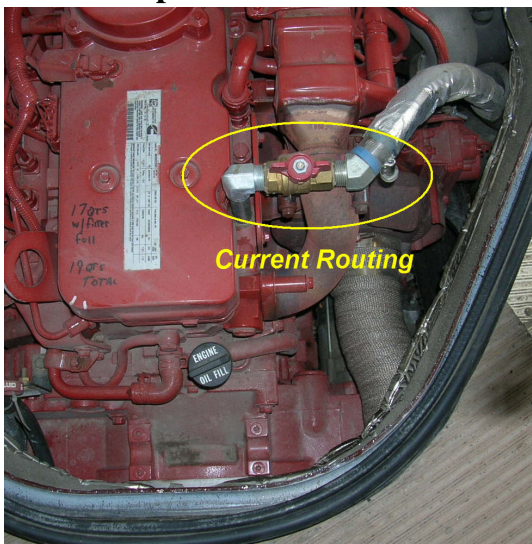

FIGURE #1
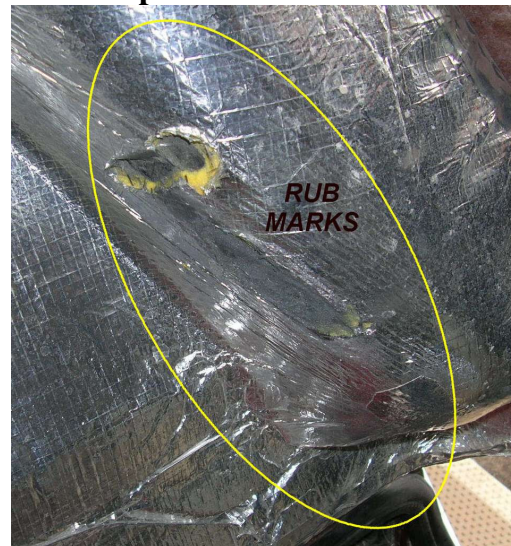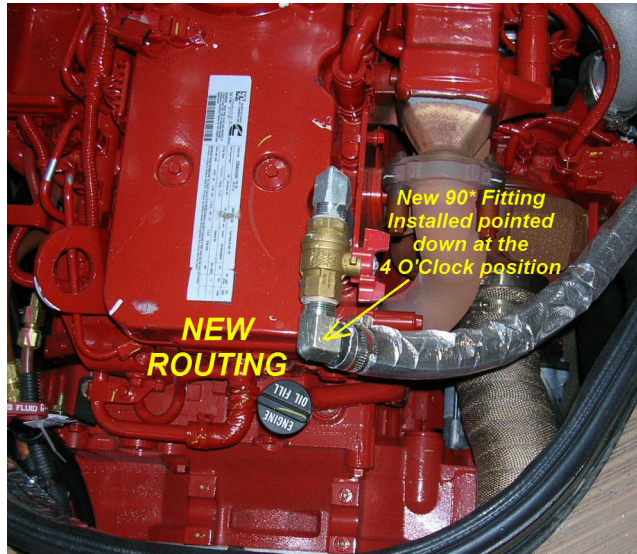

FIGURE #2

FIGURE #3

IMPORTANT INFORMATION
FITTING PART #00103628
HOSE INSULATION PART #00118668

Contact Our Service Department With Any Questions

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