

DATE: April 20, 2010

PRODUCT: 2010/11 BLUE BIRD ALL AMERICAN D3 FRONT ENGINE MODELS  
COMPONENT: ENGINE HEAT CONTROL VALVE

ISSUE: Improper routing of the coolant return line and valve may cause the heater hose to rub on the engine cover damaging the insulation and heater hose

REPAIR: Lift the engine cover and inspect for damage, if routed as shown below in figure 1, contact your parts representative and order P/N 00103628 (90 degree elbow), and perform the repair steps below. If the engine cover insulation is damaged, see figure 2, order and replace P/N00118668.

1. Allow the engine to cool,
2. Drain the coolant below the engine block level,
3. Inspect the hose for damage and replace as necessary,
4. Remove the hose,
5. Remove the 45 degree fitting
6. Apply thread sealant to the 90 degree fitting P/N 00103628 and install into the valve, the 90 degree fitting should point to the 4 o'clock position
7. Turn the valve assembly to point to the rear of the bus, see figure 3
8. Attach the hose as pictured in figure 3, if there is not enough hose to reach, replace this section of hose with a longer piece.
9. Fill with coolant and test repair for leaks.



FIGURE #1

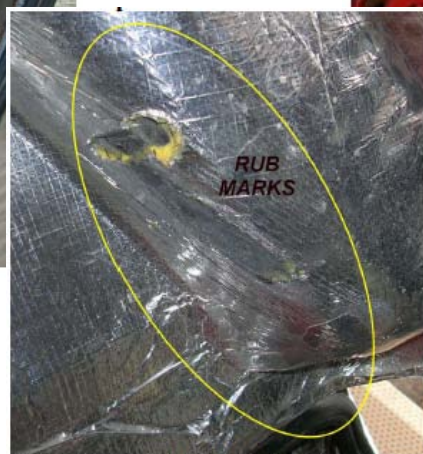


FIGURE #2



FIGURE #3