

# Dual Drive Air Line: Inspection & Repair Directions

*Fontaine Modification*

The enclosed photos show a correct and proper installation.

If the air lines are **not** *stopped* to the AC, repair or re-route to stop it. If the engine exhaust manifold or top of the engine (the black iron) is **not** *stopped* to the AC, **rock should be moved (slide down)** to do a visual inspection of the air lines. If there is a hissing or sucking noise found on any of the air lines, the correct kit should be used for a replacement air line kit.

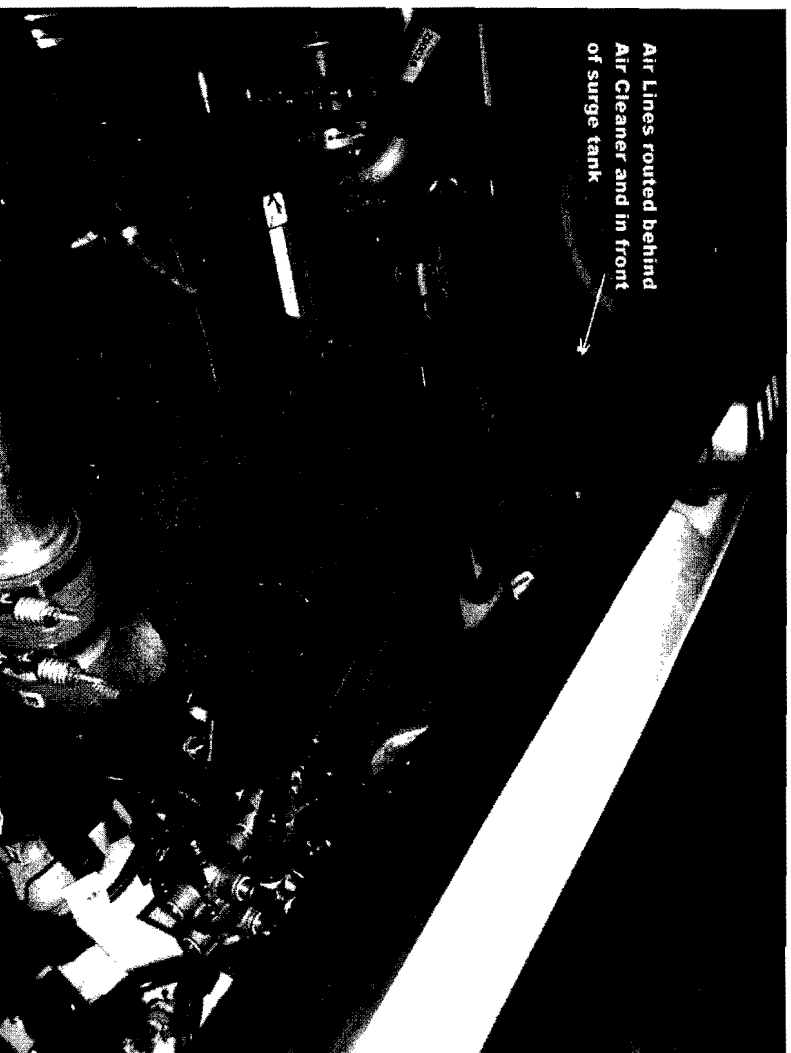
The oil filters are found to be correct. The door should be closed. The AC should be placed away from hot exhaust components as shown in the photos.

The air lines are located during an access period. There are no repair instructions included.

## **INSPECTION & REPAIR DIRECTIONS**

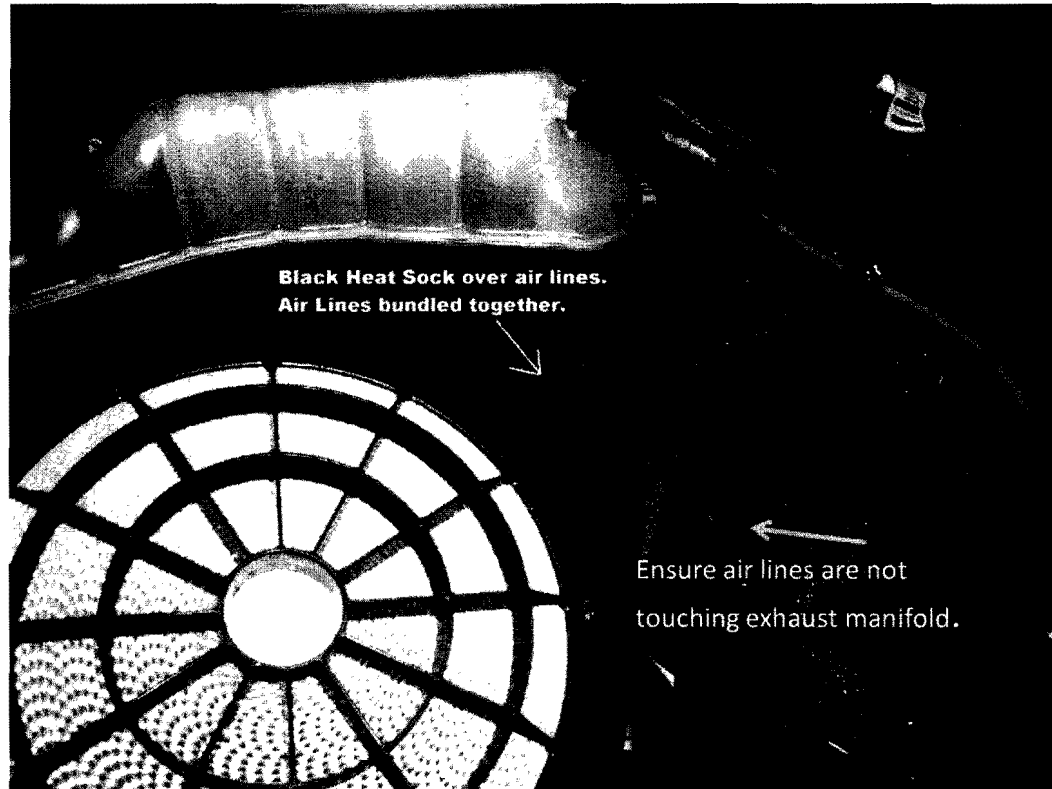


**4 air lines from existing Freightliner brake valve are routed across the top of the engine as shown.**



## **Top side of engine.**

Note loomed air lines tied together and routed across the engine.

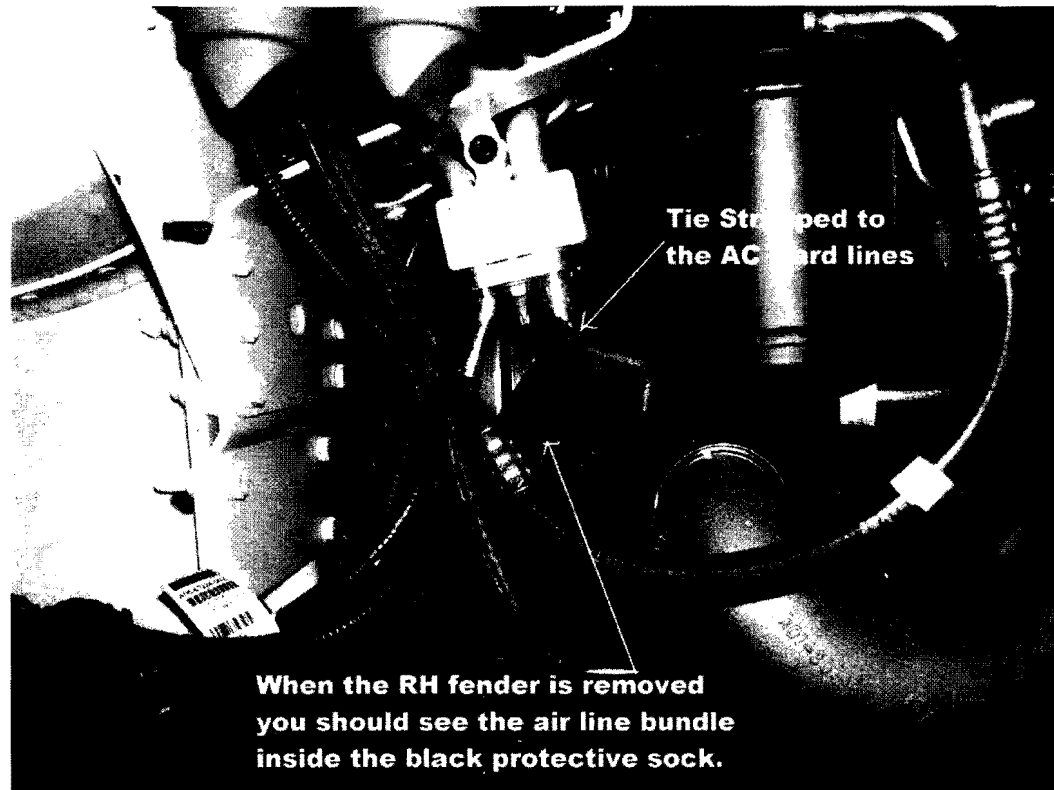


Black Heat Sock over air lines.  
Air Lines bundled together.

Ensure air lines are not  
touching exhaust manifold.

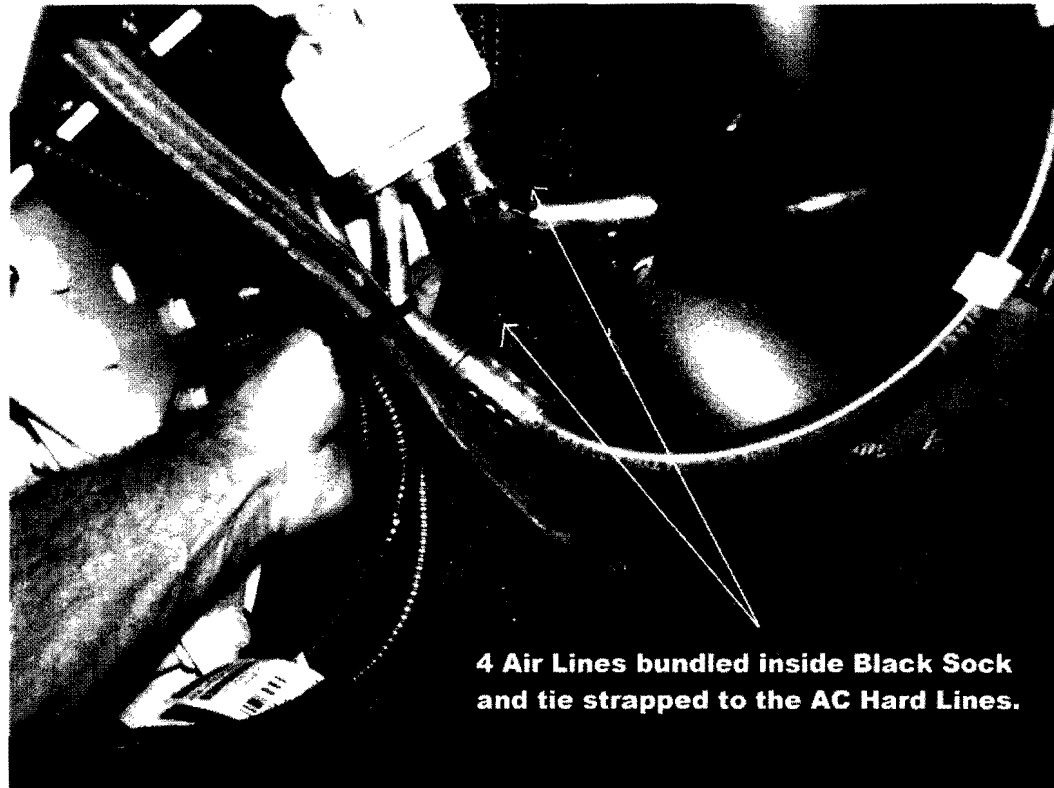
### Top view of engine

Note 4 air lines bundled together inside heat protective sock and routed between the Air Cleaner and Surge Tank.



### **Note photo of air lines with RH fender removed**

Air Lines bundled inside heat protective sock (may be black or silver) and strapped to the AC lines as shown.



**4 Air Lines bundled inside Black Sock  
and tie strapped to the AC Hard Lines.**

## **Remove RH fender to gain access for inspection**

All 4 air lines to the RH foot valve should be bundled together inside a black (or silver) heat protective sock.

This bundle should be tie strapped to the AC Hard Line as shown and should be 3+ inches from the turbo.