

Newmar Corporation

Warranty Department

Technical Service Bulletin							
Date Issued		Model Year(s) Affected		Model(s) Affected		TSB #	
12/20/2006		All		Workhorse Chassis		309	
Brand						Type	
All	<input type="checkbox"/>	American Star	<input type="checkbox"/>	Mountain Aire	<input checked="" type="checkbox"/>	All	<input type="checkbox"/> T T <input type="checkbox"/>
		Dutch Star	<input type="checkbox"/>	Kountry Aire	<input type="checkbox"/>	F W	<input type="checkbox"/> C A <input checked="" type="checkbox"/>
Canyon Star	<input checked="" type="checkbox"/>	Kountry Star	<input checked="" type="checkbox"/>	Essex	<input type="checkbox"/>	D P	<input type="checkbox"/> D B <input type="checkbox"/>
Scottsdale	<input checked="" type="checkbox"/>	Northern Star	<input type="checkbox"/>	London Aire	<input type="checkbox"/>		
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Air Conditioning & Heating <input type="checkbox"/> Appliances & Accessories <input type="checkbox"/> Cabinets & Furniture <input checked="" type="checkbox"/> Chassis Components <input type="checkbox"/> Construction Components </div> <div> <input type="checkbox"/> Electrical Components <input type="checkbox"/> Exterior Components <input type="checkbox"/> Interior Components <input type="checkbox"/> Plumbing & Bath Components <input type="checkbox"/> Windows, Awnings, Vents, & Doors </div> </div>							
Description of Problem							
Possible water infiltration into the Workhorse factory installed plastic intake plenum and air filter box.							
Recommended Solution							
<p>See attached Technical Service information and illustrations for repair procedures for this condition. Contact your Newmar Warranty Service Representative if you have further questions.</p> <p style="text-align: center;">Flat Rate Code: 4904 Time allowed: 1.2 Newmar Part Number: 41281</p>							

If you have any questions regarding this T.S.B., please contact a Warranty Service Representative at Newmar Corporation.

Procedure for Installing Water Shield on Workhorse Chassis Engine Air Intake

1) Locate Workhorse engine air filter housing in RF (passenger side) wheel well. Disconnect intake and exit air hoses from housing, and remove the housing from the RV.

(Workhorse Air Filter Housing)



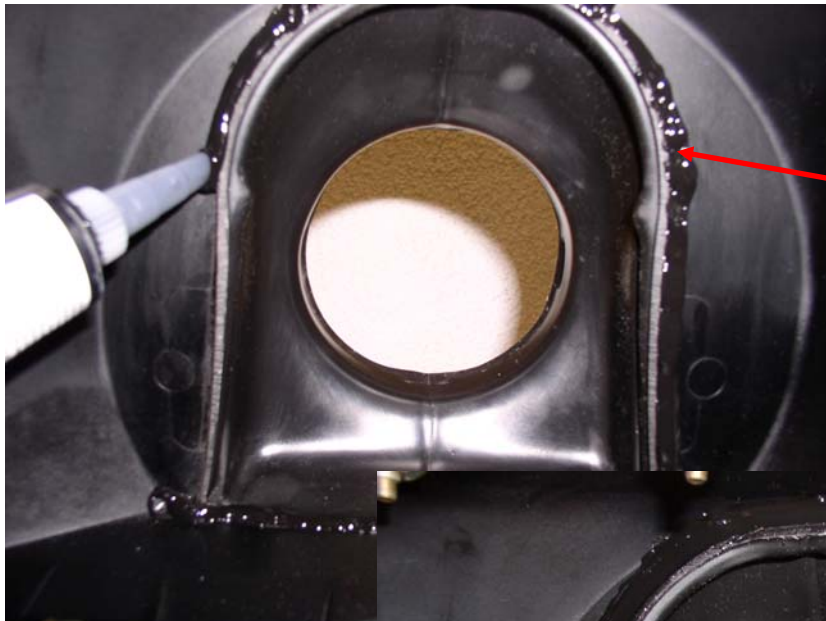
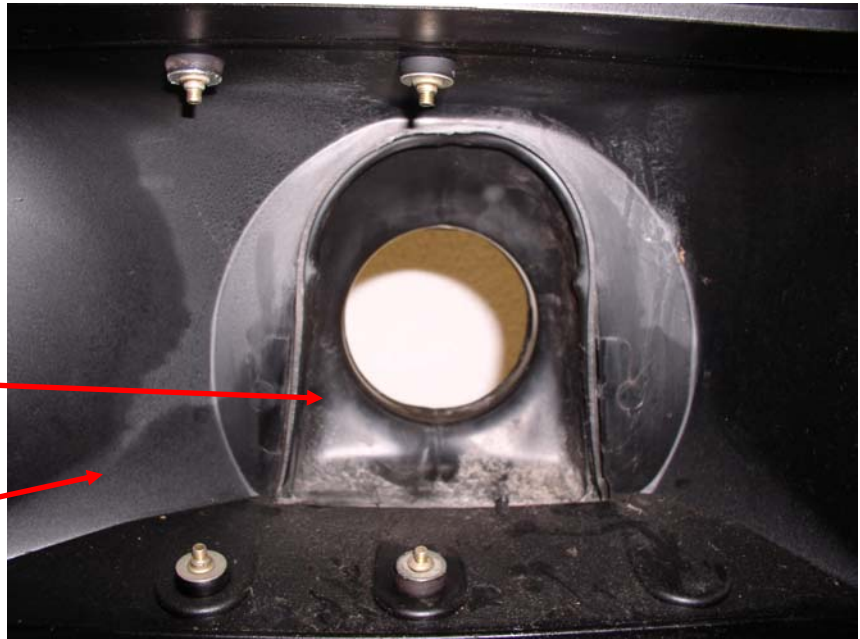
2) Place the air filter housing on a work bench, and open the housing.



3) Thoroughly clean the area around the intake tube. Seal the **intake** tube to the body of the air filter housing using a 1/8" bead of Butyl Parr (Newmar P/N 23991).

Intake Tube

Air Filter Housing (front half)

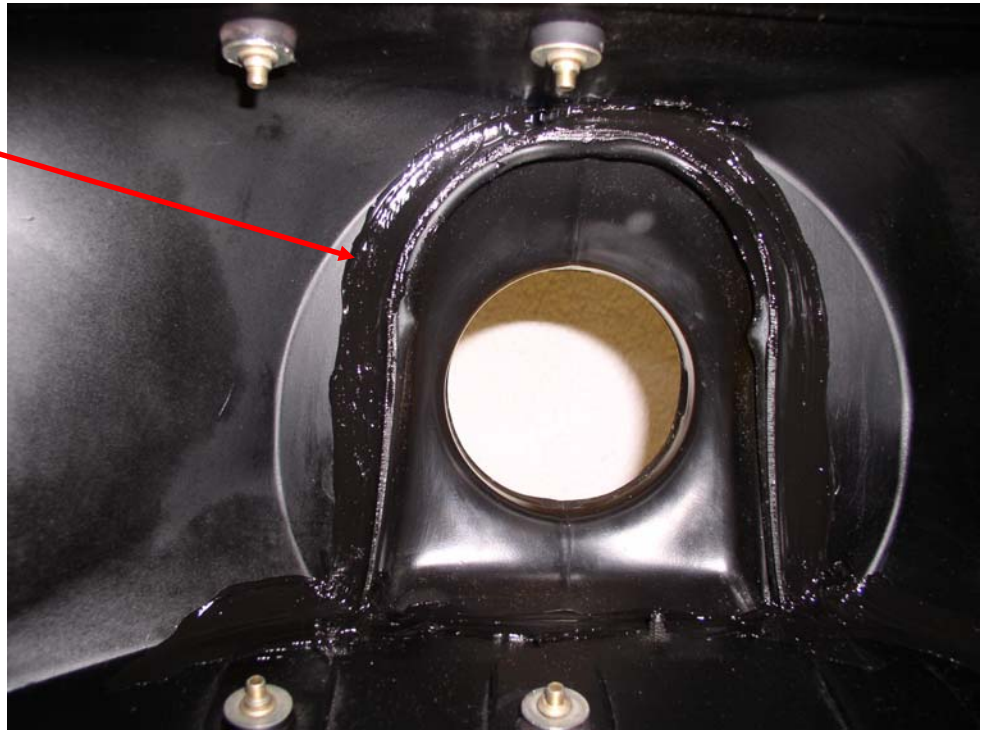


Sealant
(Butyl Parr P/N 23991)

4) Using your finger, smooth the sealant out, pressing it into any gaps or voids.



5) Verify a positive seal around the intake tube.



6) Verify a positive seal around the lower edge of the air box to intake tube.

7) Reinstall air filter into housing. Be certain that the air filter is positioned properly in the housing.

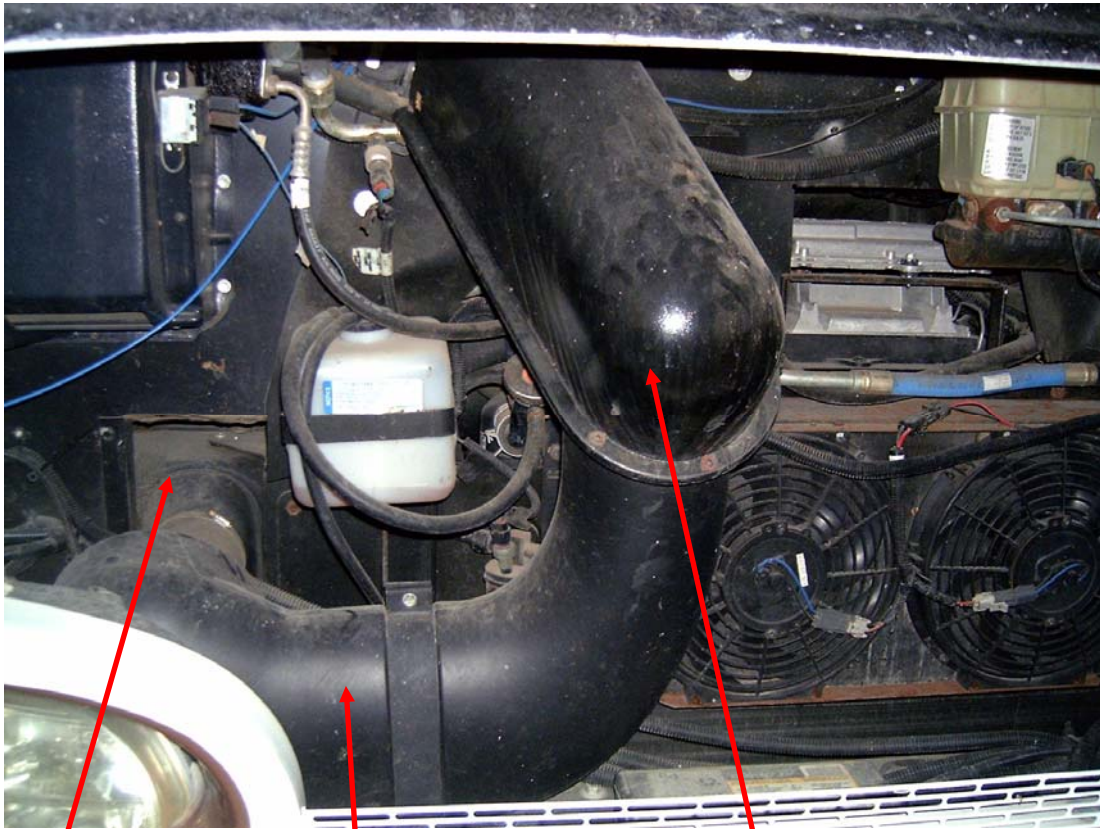
Proper Installation



Improper Installation



8) Once the air filter housing has been reinstalled, and the plastic Workhorse factory intake plenum has been reattached, install Newmar Water Shield (P/N 41281). Screw the water shield securely in place, with the opening facing backward (toward the firewall) to minimize the chances of water entering the Workhorse plenum.



Workhorse Air Box

Workhorse Plenum

Newmar Water Shield

9) Once all of the components in the system have been reassembled, take time to thoroughly check all the joints, seams, and connections to make sure there are no loose components, and to verify the system is free from water intrusion. Seal any additional leaks that are found.