

City Horn
VHD, VAH

FSB 362-001, City Horn

(February 2014)

The current city horn, part number 8084973, has shown to be susceptible to water intrusion, possibly affecting performance or making the horn in-operable. The newly introduced horn design will reduce/eliminate water intrusion and a new designed horn harness connector will also reduce the potential for internal connector pin corrosion.

Required Parts

Description	Part Number
Pigtail Harness	22285544
City Horn	22291888

Repair Procedure

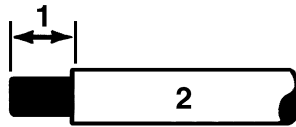
You must read and understand the precautions and guidelines in Service Information, group 30, "General Safety Practices, Electrical and Electronics" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

- 1 Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheel, and placing the transmission in neutral.
- 2 Disconnect all cables from the negative battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components.
- 3 Disconnect wiring harness from horn.
- 4 Remove horn and mounting bracket from chassis.
- 5 Cut the horn connector from the chassis harness.

Service personnel: Please circulate, read and initial

Service Manager	Warranty Administrator	Workshop Foreman	Service Technicians						

- 6 Strip each wire of the chassis harness evenly approximately 8mm (0.314 in).



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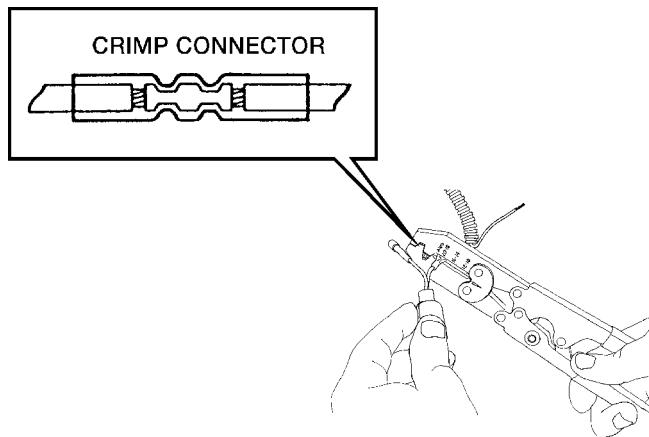
1. Stripped insulation 8mm (0.314 inch)

2. Wire

- 7 Crimp the splice leads from the new pigtail harness (22285544) to the chassis wires.

Note: Match the new connector wires to the harness in the same position as before.

Note: Illustration for reference only. Does not depict installation on the vehicle.



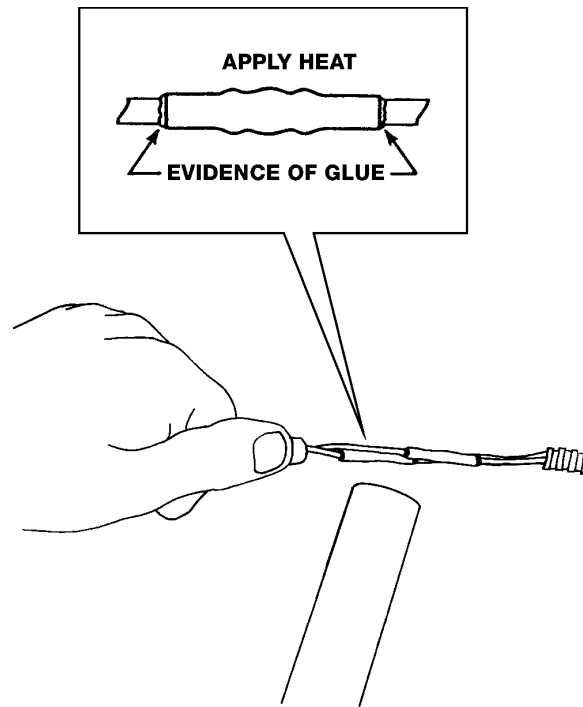
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- 8 Heat shrink the wire splices properly using a heat gun.

Note: Heat shrink the splices until the glue appears from the end of splice.

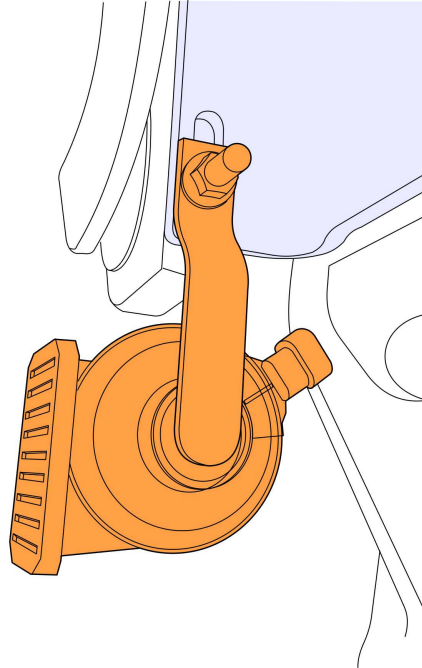
Note: Make certain the factory crimped ends of the splice are also heat shrunk properly.

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- 9 Install and secure replacement horn and bracket assembly. Torque the bracket to chassis to $48 \text{ Nm} \pm 8 \text{ Nm}$ ($35 \pm 6 \text{ ft lb}$).



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- 10 Connect wiring harness connector to horn.
11 Fold back the extra length of harness, cable tie and secure.
12 Reconnect all previously removed cable to the negative (ground) battery terminals.
13 Verify proper operation.
14 Remove wheel chocks.

Reimbursement

This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	W
Labor Code	
Primary Labor Code	36206-2-00 0.3 hrs.
Causal Part	8084973

Volvo Trucks North America engages in a comprehensive program of testing and evaluating to provide the best possible product. Volvo Trucks North America however, is not committed to, or liable for updating existing vehicles.