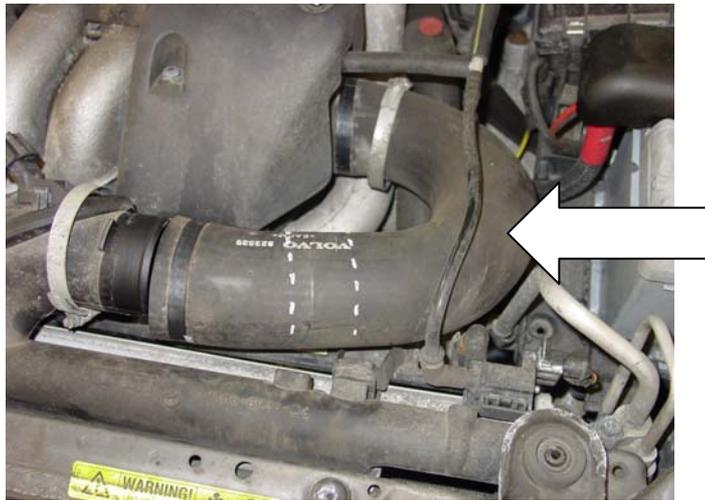


Volvo S40 Dump valve fitting Instructions.

Tools required: - 7mm hose clip driver, sharp knife, Pliers, 10mm socket, ratchet, extension bar and flexible knuckle drive.

1/ Open the bonnet. Remove the top boost hose as indicated below.



Mark the hose as shown. There must be at least 60mm of the hose sectioned off. We advise this to be done on the straightest part of the hose. Now cut the section out of the hose with a sharp knife. Fit the new T piece section and dump valve as indicated below. Tighten the T piece with the hose clips provided.



2/ Remove the air box lid as shown below in order to gain access to the original diverter valve located in the side of the turbo housing.



If you move some of the intake and coolant hoses to the side gently you can gain access to the 3x10mm bolts that secure the diverter valve. Firstly remove the vacuum hose to the valve; there will be a small clip which can be removed simply with a pair of pliers. Then remove the 3x10mm bolts (these are tricky to get to so a knuckle joint and extension will be required as pictured above. Remove the complete valve (as below picture and then fit the new blank plate in to this position.



3/ Fit the vacuum pipe plastic joiner (supplied in the kit) to the open end of the original vacuum pipe, cut to length the silicon vacuum tube supplied and route to the new Dump valve vacuum connection. Refit the air box lid and all pipe work.



Clear away all tools and close bonnet. Road test to check the valve operation.

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