

Bleeding Kubota® Fuel Injector Lines.



Bleeding the fuel injector lines is necessary whenever you introduce air into the fuel system of a diesel engine. This usually happens when performing the routine task of changing the fuel filter, but can also occur if the kids run the engine out of fuel.

First, you have to purge the lines between the filter and the housing.

Open the fuel bleed valve on the side of the injection pump by rotating it fully counter-clockwise. Pull the cylinder head decompression knob (if equipped) and crank the engine over for 10 – 15 seconds. Close the fuel bleed valve and attempt to start the engine normally.

This is all that is usually required after changing the fuel filter. However, if the engine still will not start, you probably need to purge the lines all the way up to the injectors.

To do this, loosen the nuts that fasten the injector lines to the injectors – 17mm on most Kubota engines. They should be loose enough that you can pull on the injector lines and feel them disengage from their seat. Once you have unseated all of the injector lines, open the fuel bleed valve on the pump again, pull the decompression knob (if equipped) and crank the engine. This time watch the injector lines as you are cranking and go until you see fuel spitting from each line. As soon as there is fuel at each injector, stop cranking, close the bleed valve, release the de-compression knob and tighten the injector line nuts. Start the engine normally.