

1KZ - TE

Replacing the Heater Hoses and Turbo Cooling Hoses – A possible Solution.

The heater box and tap require 16mm ID heater pipes but the motor takeoff pipes require 19mm ID pipes. Genuine replacement parts were not available except for the elbow from the heater box to the tap.



I had a friend turn up two reducers on his lathe. They were made from aluminium and allow the connection of a 19mm ID pipe to a 16mm ID pipe. These items may be available off the shelf but I am not aware of a source.



From the hose parts bin in the local car accessories store I bought a 16mm ID pipe with a “U” bend in it to connect to the tap. This then allowed me to run from the reducer via the original hose bracket to the motor takeoff pipes. In changing the pipes I removed completely the hoses and pipe work to the centre console heater box as I had no use for it.



Again genuine hoses were not available for the pipes to the throttle body. I have sleeved the pipes to avoid damage from rubbing and have left enough slack to replace the oil filter.

I was advised that the two pipes which run to the turbo housing were not available according to the parts listing. I have ordered similar pipes from a Prado 1KZ-TE that are available from Japan and take 2 – 4 weeks to arrive. They appear to be about the same length and shape.

Note: The top and bottom radiator hoses were available as stock items.