



S A F E T Y B U L L E T I N

FIRES ON 4 x 4 LIGHT VEHICLES

Within a two month period two underground fires on Toyota 4 x 4 Land Cruisers were reported. In each case the fire was caused by the engine being driven backwards, as the vehicle rolled back after stalling on an incline, while still in forward gear. This caused the airfilter to ignite due to the combustion cycle being reversed.

Both vehicles were HJ75's with 2H engines. The 2H series engines are originally supplied with Electronic Diesel Injection Control (EDIC) motors that prevent the combustion cycle being reversed. In both the reported incidents the vehicle EDIC had been removed.

Where any HJ75 Toyota Land Cruisers equipped with 2H series motors are in use, it is most important that the Electronic Diesel Injection Control motors are fitted and operational. These motors are part of the original equipment and prevent the diesel engine operating in reverse. Failure to ensure that the EDIC motor is fitted and operational could result in a fire on the vehicle.

Toyota agents advise that Land Cruisers produced after October 1990, namely the HZJ75 models, with the 1HZ series motors, do not have the same potential problem.

Any fire that occurs under the bonnet of a vehicle is difficult to extinguish and caution is required when attempting to raise the bonnet, as flashover may occur, or the battery may explode.

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7 October 1994