## Technical Bulletin

Isuzu Big Horn, N Series, Mu, Pick-Up, Rodeo, Trooper, / Vauxhal/Opel Brava, Frontera, Monterey - Water Pump Applicable References: ADZ99107, ADZ99117

**Applications:** Isuzu Big Horn, N Series, Mu, Pick-Up, Rodeo, Trooper, Vauxhal/Opel Brava, Frontera, Monterey 2.8DT 3.1DT 1987>2005

**Date Issued:** 07/2002

We have been informed of several instances of water pump bearing failure on Isuzu Trooper 3.1DT models where a pump designed for use on the 2.8 model (**ADZ99107**) has been used.

Please note that the current Blue Print catalogue application MUST be followed correctly when supplying water pumps for the 2.8 and 3.1 diesel variants.

**ADZ99107** must NOT be fitted to a 3.1 diesel engine, as this model requires a pump with uprated 'heavy duty' type bearings. If a pump without these uprated bearings is used on a 3.1 model, the radiator cooling fan may shear away from the pump housing causing major component damage. The Blue Print reference for the 3.1 variant application is **ADZ99117**.

Any warranty claims resulting from the incorrect use of the current Blue Print catalogue application will not be accepted.

## **Correct water pump application**

Model	EngineType	VIN & Eng Codes	Model Dates	Blue Print Part Number
2.8 Fd Est - SWB/ LWB 4x4 5 MTM	2771cc DT OHV	UBS55 4JB1T	1/87-12/92	ADZ99107
3.1 Fd Est - Van/ Turbo	3059cc DT OHV	UBS69 4JG2	1/92-12/97	ADZ99117

