

Enginetech Inc
Tech Assistance 800-410-3664 ext. 340 or 237

TECHNICAL BULLETIN	
	September 2000
	TB 1823
Mfg:	CHRYSLER
Model:	NEON
Liter:	2.0L
V I N:	C
Year:	95-05

Main Bearing Caution For
1995 Chrysler 2.0L VIN C & Y Engines

The AERA Technical Committee offers the following information regarding main bearing usage for 1995 Chrysler 2.0L VIN C & Y engines. The first design Neon engines used a different main bearing set than the current main bearing set. The main bearings used for the original engine design used different upper and lower bearing shells but they had the locating lug in a similar location.

When a similar locating lug is used, the possibility of intermixing upper and lower bearing shells exists. If the shells are inadvertently installed in the wrong location, engine damage will result. To reduce the possibility of intermixing the upper and lower shells, Chrysler engineering moved the location of the lug on the lower shell.

Aftermarket bearing manufacturers are currently supplying only the revised bearing set for 1996-2000 Neon engines. Chrysler continues to supply the 1995 main bearings for standard and .010" (.25 mm) undersize diameters mains.

Location	Standard Part Number	.010" (.25 MM) Part Number
1-4 & 5	4728999	4728994
3	4729000	4728996

Many AERA machine shops have opted to modify the lower bearing cap/bedplate by grinding a groove in the appropriate area to accept the lower revised bearing lug. Aftermarket bearing manufacturers accept this modification as long as adequate clearance is maintained at the lower bearing-locating lug.

AERA is currently aware of one aftermarket manufacturer for the 1995 Neon engine with a MB150A set. (Rock Products)

The AERA Technical Committee

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