

**ENGINE – NO RESTART AFTER STOP****VT V8 with A/T****(GROUP 6C)****PROBLEM DESCRIPTION**

Customers may complain of being unable to re-start the engine after moving the ignition key back to the 'accessory' position, EG: For short term stops where the ignition switch is not turned to the "off" position for ignition key removal.

Vehicles suffering from this complaint can be started by fully switching off the ignition, waiting 20 seconds, and then starting the engine.

The cause of this inability to restart is software related, whereby the engine "run" injector pulse width signals are retained in memory when the key is not cycled to the "Off" position. This minimal pulse width remains available in memory for re-starting, but will not provide the "start" injector pulse width (richness) to allow the engine to re-start.

**PRODUCTION RECTIFICATION**

Revised Memcals with revised programming have been fitted to vehicles in production from:

MEMCAL CODE & Prom Ident.	PSN No.:	Build Date:
CNPK – 3208	L413218	17/12/98
CNPJ – 3198	L421080	25/01/99
CNPF – 3178	TBA	TBA
CNPH – 3188	L427671	12/02/99
CRNK - 7708	L419513	20/01/99

"TBA" PSN & Build date will be provided in a future Techline Breakpoint page.

**SERVICE RECTIFICATION**

To correct this condition:

- Check the vehicle's memcal code, via Tech 2
- The "REPLACES: ?????" note in the following chart's description column shows the memcal code and it's Prom Ident. which will be displayed on Tech 2. The memcal code/Prom identification must be checked on the existing memcal in the vehicle, to ensure unnecessary replacements do not occur.
- Fit a new Memcal Asm. - selected from the following chart.

DO NOT replace a memcal if the code is the same, or not as listed in the chart below:

**PARTS INFORMATION**

Part No.:	Description:	Qty Req'd
09363180	Memcal Asm. – Code <b>CNPK</b> For V/8 – 175Kw Auto. <u>REPLACES: CJDN</u> <i>Tech 2 Prom Ident.: 1948</i>	1
09363175	Memcal Asm. – Code <b>CNPJ</b> For V/8 – 175Kw Manual <u>REPLACES: CJDP</u> <i>Tech 2 Prom Ident.: 1958</i>	1
09363166	Memcal Asm. – Code <b>CNPF</b> For V/8 – 195Kw Auto <u>REPLACES: CFZB</u> <i>Tech 2 Prom Ident.: 8288</i>	1
09363171	Memcal Asm. – Code <b>CNPH</b> For V/8 – 195Kw Manual <u>REPLACES: CFZC</u> <i>Tech 2 Prom Ident.: 8298</i>	1
16262659	Memcal Asm. – Code <b>CRNK</b> For V/8 – 175Kw Police Auto <u>REPLACES: CNUJ</u> <i>Tech 2 Prom Ident.: 3868</i>	1

**WARRANTY CLAIM INFORMATION:**

Use the following information:

Description	Fit V8 Hard Restart Memcal
Labour Op. No.	J000607
Time	0.4 hr
Failure Code	<b>84</b>