

## **High Performance Camshaft and Memcal Packages**

Crow Cams offer memcal packages to improve the performance of your Holden V6 without compromising the driveability, fuel economy or emission compliance of your vehicle. All parts are new and there is no change over or deposit. The kits are a simple bolt in conversion and come complete with fitting instructions. The kits must be fitted in conjunction with the performance exhaust system to deliver part of the package both in terms of maximum performance gain and meeting emission standards. VP and VR models can use the standard exhaust manifolds with the performance exhaust system, VN models require extractors to be fitted.

### **STAGE 1 KIT See below for part numbers and applications listing.**

KIT CONTAINS NEW PERFORMANCE CAMSHAFT and MEMCAL

Used in conjunction with Crow exhaust system. Provides a maximum power gain of 15% through the range 1000 rpm to 5000 rpm. Power increase for towing, normal driving, and highway cruising.

### **STAGE 2 KIT See below for part numbers and applications listing.**

KIT CONTAINS NEW HIGH PERFORMANCE CAMSHAFT and MEMCAL

Must be used in conjunction with Crow exhaust system for maximum performance. This package provides a maximum power gain of 20% through the range 1500 rpm to 6000 rpm. The increase has been achieved without sacrificing any noticeable low end torque or driveability.

### **STAGE 3 KIT See below for part numbers and applications listing**

KIT CONTAINS NEW HIGH PERFORMANCE CAMSHAFT, MEMCAL and VALVE SPRINGS

Must be used in conjunction with Crow twin cat exhaust system for maximum performance. This package provides a maximum power gain of 25% through the range 1800 rpm to 6300 rpm. The increase has been achieved with little or no loss in low end performance. Suitable for standard stall torque converter.

<b>Stage 1 Kits</b>		<b>Stage 2 Kits</b>		<b>Stage 3 Kits</b>	
<b>CCKVN61</b>	VN to 11/91	<b>CCKVN62</b>	VN to 11/91	<b>CCKVN63</b>	VN to 11/91
<b>CCKVP61</b>	VN from 11/91, VP	<b>CCKVP62</b>	VN from 11/91, VP	<b>CCKVP63</b>	VN from 11/91, VP
<b>CCKVRM61</b>	VR manual trans.	<b>CCKVRM62</b>	VR manual trans.	<b>CCKVRM63</b>	VR manual trans.
<b>CCKVRA61</b>	VR Auto trans.	<b>CCKVRA62</b>	VR Auto trans	<b>CCKVRA63</b>	VR Auto trans
		<b>CCKVRA62</b>	VR Auto trans		
		<b>CCKVSA62</b>	VS Auto trans		
		<b>CCKVSM62*</b>	VS Manual trans	<b>* Advise</b>	Gertrag or T5
		<b>CCKVTA62</b>	VT Auto trans		
		<b>CCKVTM62*</b>	VT Manual trans	<b>*Advise</b>	Gertrag or T5

## **Performance Valve Train Components**

<b>PART NO</b>	<b>DESCRIPTION</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
<b>4836</b>	Heavy duty spring. Single & damper	<b>CS6VN</b>	Multi Keyway Roller Timing Set
<b>7328-12</b>	Perf. spring for VN with dual spring	<b>CS6VP</b>	Multi Keyway Roller Timing Set to 6/94
<b>3800R</b>	Replacement Roller Hydraulic Lifter	<b>CS6VS</b>	M/Keyway Roller Timing Set from 6/94
<b>CP771PP</b>	Power Pack Single cat exhaust suit VN-VR live axle. Stainless Headers		
<b>CP771TCPP</b>	Power Pack Twin cat system suit VN-VR live axle. Stainless Headers (extra cat required)		
<b>CP991IRSPP</b>	Power Pack Single cat exhaust system suit VS IRS Stainless Headers		
<b>CP991TCIRSPP</b>	Power Pack Twin cat exhaust system suit VS IRS Stainless Headers (extra cat required)		
<b>CP83CC</b>	High flow catalytic converter for use with twin cat system.		

**NOTE.** These kits are calibrated for standard engines with standard induction system and Crow exhaust. Crow will not be responsible for the performance of vehicles modified beyond this criteria.