ACE Ckp/Cmp Signal Reference

Known good examples of Cam and Crank sensor signals!

Overview
The A.C.E. Ckp/Cmp Signal Reference guide manual provides known good examples of 60 different proper relationship signals for domestically produced engines.

This handy guide can save you hours of teardown time to verify that a timing belt or timing chain is aligned correctly. A reference relationship waveform is also an absolute must for setting a Ford Hall effect cam synchronizer properly with a lab scope. The 60 relationships covered are illustrated in 104 large and easy to read waveforms and show the vast majority of Crankshaft and Camshaft synch relationships of all the Chrysler, Ford and GM engines ever produced. Many also have reference markings for TDC. This useful and inexpensive guide will pay for itself with it’s first use.

NOTE: Each of the waveforms were captured with the Pico 2-channel Scope.

Contents
60-pages of known-good waveforms are provided for each system listed below, one page for each system. A typical page shows the CAM signal (red) superimposed over the CRANK signal (blue). Many pages show the same signals from two views: slow time base and a faster time base (wide angle and zoom views). Systems include:

- Chrysler 2.0
- Chrysler 2.4
- Chrysler 2.5
- Chrysler 2.7
- Chrysler 3.0
- Chrysler 3.2
- Chrysler 3.3
- Chrysler 3.5
- Chrysler 3.7
- Chrysler 3.8
- Chrysler 3.9
- Chrysler 4.0-(early)
- Chrysler 4.0-(late)
- Chrysler 4.7
- Chrysler 5.2
- Chrysler 5.9
- Ford VRS 1.9
- Ford VRS 2.0
- Ford VRS 2.3
- Ford VRS 2.5 (4cyl)
- Ford VRS 2.5 (6cyl)
- Ford VRS 3.0
- Ford VRS 3.2
- Ford VRS 3.4
- Ford VRS 3.8
- Ford Hall 4.0 OHC
- Ford VRS 4.0 OHC
- Ford VRS 4.0 OHV
- Ford VRS 4.0 OHV
- Ford Hall 4.2
- Ford VRS 4.6
- Ford Hall 5.0
- Ford VRS 5.4 Ford
- Ford VRS 6.8
- Saturn 1.9-(early)
- Saturn 1.9-(late)
- GM 2.2
- GM 2.3
- GM 2.4
- GM 3.1-(3X/7X)
- GM 3.1
- GM 3.2
- GM 3.3
- GM 3.4-(3X/7X)
- GM 3.4
- GM 3.5
- GM 3.8
- GM 4.0
- GM 4.2
- GM 4.3
- GM 4.6
- GM 4.8
- GM 5.0
- GM 5.3
- GM 5.7
- GM 6.0
- GM 7.4
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