



Twin Tec

TCFI IID Automatic Compression Release (ACR) System Tech Note

**CAUTION: CAREFULLY READ INSTRUCTIONS BEFORE PROCEEDING.
NOT LEGAL FOR USE OR SALE ON POLLUTION CONTROLLED VEHICLES.**

INTRODUCTION

2007 Harley-Davidson models with the CVO 110 CID engine are equipped with an automatic compression release (ACR) system activated by the ECM. When the TCFI IID system is installed in these models, the ACR system must be modified as shown in Figure 1.

ACR MODIFICATION

Remove the original violet/gray wire going to pin 15 on the ECM and install a standard 12 volt automotive relay (you can use the relay in our P/N 1030 ignition power relay kit) as shown in Figure 1. The ACR system will now be activated whenever the starter is engaged.

Figure 1 – ACR System Modification

