

**NO: 08-14-99**

**SUBJECT: Vehicle Start And Stall or Vehicle No-Start**

**DATE: May 21, 1999**

**NOTE: THIS BULLETIN APPLIES TO VEHICLES EQUIPPED WITH A SENTRY KEY IMMOBILIZER SYSTEM (SKIS).**

**DISCUSSION:**

A vehicle start and stall or no-start condition may exist from the interaction between a SKIS key and a Mobil Speedpass<sup>®</sup>. This condition occurs during cranking, when the Mobil Speedpass<sup>®</sup> cylinder is held immediately adjacent to the key being used to start the vehicle.

**NOTE: THIS CONDITION DOES NOT OCCUR BY THE MOBIL SPEEDPASS<sup>®</sup> CYLINDER SIMPLY BEING ATTACHED TO THE SAME KEY RING.**

If a stall or no-start condition exists due to this problem, the Vehicle Theft Security System (VTSS) indicator light will flash and the vehicle will stall after 2 seconds of running. The Sentry key Immobilizer Module (SKIM) will set either the "Transponder Comm Failure", or a "Transponder CRC Failure" fault code. To diagnosis this condition, remove the Mobil Speedpass<sup>®</sup> from the key ring and attempt to start the vehicle. If the vehicle starts and remains running, SKIS key interaction with the Mobil Speedpass<sup>®</sup> was the cause. This condition will not cause a vehicle to stall after it has been running normally. If a start and stall or no-start condition continues once the Mobil Speedpass<sup>®</sup> is removed, continue with the appropriate diagnostic procedures.

In cases where SKIS key interaction with the Mobil Speedpass<sup>®</sup> is causing the condition, instruct the customer to slightly separate the SKIS key and Mobil Speedpass<sup>®</sup> when starting the vehicle. There are no long-term adverse effects on any of the components once the Mobil Speedpass<sup>®</sup> is removed from the SKIS operating area.

**POLICY: Information Only**