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2004-2005 RX-8

P0336 During Engine Start

Some vehicles may experience a DTC P0336 (eccentric shaft position sensor range/performance) at time of engine start. The cause may be due to a loose/poor battery ground located on the front core support. Perform the following procedure to identify possible cause:

1. Verify customer concern.
2. Remove engine cover.
3. Remove battery box cover.
4. Locate battery ground wire attachment point to core support. Ground is located between battery box and air cleaner box (Black with red tracer, held to body with 10MM bolt).
5. Clean and tighten ground contact to body.
6. Verify repair.

If P0336 Freeze Frame Data indicates DTC set during other than engine starting conditions, repair vehicle using appropriate Workshop Manual procedure.

