



TECH TIPS

Dixie Part Numbers: A-80032 A-80397 S-80319 TBA

Applications: 2007 – 2011 Acura MDX

Conditions: The operator of the vehicle may complain of one or more of the following conditions:

- low or dead batteries when parked for a short period (for example overnight)
- slow hard cranking
- a failure to crank or start

Additionally the operator of the vehicle may complain of poor air conditioning performance. The occurrences may be intermittent and the technician may not observe any issues when testing the vehicle. The technician, in some cases, may observe excessive quiescent draw (key off battery drain).

Cause: A potential cause for the above conditions is a stuck air conditioning clutch relay. When stuck the relay continues to draw power, even with the key off. Additionally, if stuck while the engine is running at low speed, the air conditioner pressure may spike, causing the compressor's relief valve to open and release the refrigerant.

Correction: Follow the manufacturer's recommended diagnostic and repair procedures, which may include replacing the air conditioning clutch relay (manufacturer's number 39794-SDA-A05) and replacing the air conditioning compressor relief valve (manufacturer's number 38801-P9K-E01).