



TECH TIPS

Dixie Part Numbers: S-80003

Applications: 2003 – 2004 Kia Rio 1.6L

Condition: The vehicle operator may complain of hard starting in cold climates.

Cause: The ECM may not be programmed to operate correctly in cold climates.

Correction: Verify that the ECM has been updated before troubleshooting for other issues. The table below shows the updated ROM information for the ECM. Check that the ECM contains this or a newer update.

Model Year	Engine	ECM (ECU)	Factory ROM information	Updated ROM information
2003	1.6DOHC	39110 2X 131	B3D6CN00	B4D6CN01
			B3D6CN01	
2004	1.6DOHC	39110 2X 131	B4D6CN00	