

**Subject:**

**ENGINE NO START IN EXTREMELY COLD AMBIENT TEMPERATURES**

**Bulletin No:** 01-023/13

**Last Issued:** 10/07/2013

## APPLICABLE MODEL(S)/VINS

2013-2014 CX-5

2014 Mazda6

## DESCRIPTION

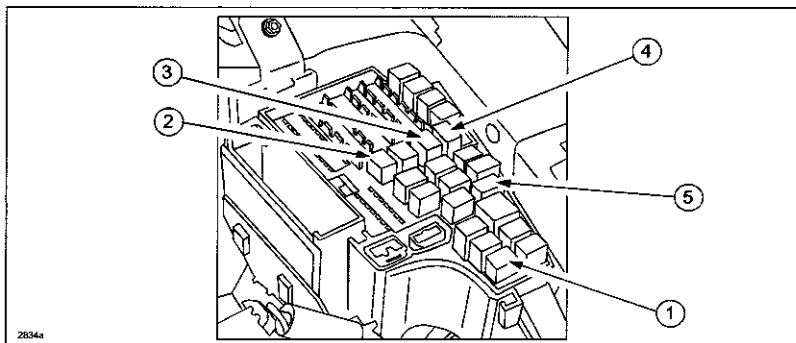
Some vehicles may exhibit an engine no start in ambient temperatures below -4 degree Fahrenheit (-20 degree Celsius) after driving for 10 - 20 minutes and then parking the car for about one hour. This may be caused by the contact point of the main relay freezing due to moisture inside the main relay.

Customers having this concern should have their vehicle repaired using the following repair procedure.

## REPAIR PROCEDURE

1. Verify customer concern.
2. Replace the 5 relays shown in the table below.

	Relay Name	DTC stored by malfunctioning relay	DTC stored by malfunctioning Ignition Relay and Main Relay
1	Main Relay	U0100	B10E7
2	Ignition Relay	B10E7	
3	Fuel Pump Relay	P025D	
4	Injector Relay	P0201, P0202, P0203, P0204, P0091	
5	E-VVT Relay	P0010	



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## PART(S) INFORMATION

Part Number	Description	Qty.
AJ51-18-821	Relay	5

## WARRANTY INFORMATION

### NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	02
Damage Code	92
Part Number Main Cause	AJ51-18-821
Quantity	5
Operation Number / Labor Hours:	XXJBNXRX / 0.2 Hrs.