



SERVICE BULLETIN

Classification:	Reference:	Date:
EC01-023	NTB01-059	September 6, 2001

2000-01 MAXIMA; MIL 'ON' WITH DTC P1320 AND/OR SPARK KNOCK (DETONATION) DUE TO IGNITION COIL(S)

APPLIED VEHICLE: 2000-01 Maxima (A33)

APPLIED VINS: Vehicles built before: JN1CA31A31T112164 (w/side air bags)
JN1CA31A31T316031 (w/side air bags)
JN1CA31D91T627134 (w/o side air bags)
JN1CA31D91T830089 (w/o side air bags)

APPLIED DATE: Vehicles built before: March 16, 2001

APPLIED ENGINE #: Engines built before: VQ30-463753

SERVICE INFORMATION

If an applied vehicle exhibits one or both of the below symptoms:

- MIL 'ON' with DTC P1320 stored in the ECM
- Intermittent spark knock (detonation)

The cause may be one or more of the ignition coils. Refer to the Service Procedure below to resolve the incident, if it should occur.

SERVICE PROCEDURE

Determine if one or both of the symptoms listed above exists and perform the appropriate procedure(s) listed below.

Procedure for MIL 'ON' with DTC P1320 Symptom

1. Check Self Diagnosis Results (using CONSULT-II) to confirm DTC P1320 (Ignition Signal Primary) is stored in the ECM.

NOTE: Single or multiple cylinder misfire codes (P0300 – P0306) may be stored in the ECM with DTC P1320.

2. Check the ECCS wiring harness for a broken or damaged wire.
 - A. If the ECCS harness has a broken or damaged wire that is causing the symptom(s) noted above, repair the harness and verify the incident is resolved.
 - B. If the ECCS harness does not have a broken or damaged wire and is NOT causing the symptom(s) listed above, proceed with step 3 below.
3. **Replace ignition coil(s)** with the one(s) listed in the Parts Information table, and verify the incident is resolved.

Procedure for Spark Knock (detonation) Symptom

1. Use CONSULT-II to check Self Diagnosis Results for any stored DTCs in the ECM.
 - A. If there is a DTC(s) stored in the ECM, refer to the applicable Service Manual to repair the vehicle.
 - B. If no DTC(s) is found, proceed with step 2 below.
2. Verify the type of gasoline used in the vehicle.
 - A. If unleaded regular (non-premium) gasoline is used, advise the customer to use unleaded premium gasoline to eliminate the spark knock (detonation).
 - B. If unleaded premium gasoline is used and no other source for the symptom is found, proceed with step 3 below.
3. **Replace ignition coil(s)** with the one(s) listed in the Parts Information table, and verify the incident is resolved.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Ignition Coil - RH	22448-2Y000 or 22448-2Y001	3
Ignition Coil - LH	22448-2Y005 or 22448-2Y006	3

CLAIMS INFORMATION

If only the ECCS wiring harness is repaired, submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Repair Wiring Harness	(1)	RA16AA	HD	32	(2)
Diagnosis: DTC 1320 – Ignition Signal		EE47AA			(3)

1. Use the ECCS wiring harness P/N as the PFP.
2. Straight Time operation – use actual time.
3. Please reference the current Nissan "Warranty Flat Rate Manual" and use the indicated FRT.

OR

If the ignition coil assembly(s) is replaced, submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL Ignition Coil Assembly(s)	(1)	GD14AA	HD	32	(2)
Diagnosis: DTC 1320 – Ignition Signal		EE47AA			(2)

1. Reference the Parts Information table above and use the indicated R/H Ignition Coil P/N as the PFP.
2. Please reference the current Nissan "Warranty Flat Rate Manual" and use the indicated FRT.