

Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2001 NISSAN Primera Hatchback OEM Service and Repair Workshop Manual

[Go to manual page](#)

1. PRECONDITIONING

If “Confirmation Procedure” has been previously conducted, always power switch OFF, get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors before conducting the next test.

>>

[GO TO 2](#)

2. CHECK DTC DETECTION

 With CONSULT

1. Power switch OFF (Auto ACC is ON).
2. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

3. Power switch ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

4. Perform self-diagnosis for “ABS”.

Is DTC “C107A-55” detected?

YES-1>>

“CRNT” is displayed: Refer to [DTC Diagnosis Procedure](#).

YES-2>>

“PAST” is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

1. PERFORM CONFIGURATION

Perform configuration of ABS actuator and electric unit (control unit). Refer to [Work Procedure](#).

>>

[GO TO 2.](#)

2. CHECK SELF-DIAGNOSIS RESULTS

 With CONSULT

Replace the ABS actuator and electric unit (control unit) even if other DTCs are displayed along with “C107A-55” in self-diagnosis for “ABS”.

>>

Replace the ABS actuator and electric unit (control unit). Refer to [ABS ACTUATOR AND ELECTRIC UNIT \(CONTROL UNIT\): Removal & Installation](#).

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C107B	53	Vehicle dynamics control function	Diagnosis condition	<ul style="list-style-type: none"> Power switch is ON. When the power supply voltage is normal.
			Signal (terminal)	—
			Threshold	When configuration is not complete.
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE



NOTE:

Confirm if DTC is PAST or CRNT. If DTC is CRNT, proceed with Diagnosis Procedure. If DTC is PAST, clear DTC. Do not replace the ABS actuator and electric unit (control unit) for a PAST DTC.

PAST DTC	CRNT DTC
Configuration is not complete	<ul style="list-style-type: none"> Configuration is not complete ABS actuator and electric unit (control unit)

FAIL-SAFE

Normal control

1. PRECONDITIONING

If “Confirmation Procedure” has been previously conducted, always power switch OFF, get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors before conducting the next test.

>>

[GO TO 2](#)

2. CHECK DTC DETECTION

 With CONSULT

1. Power switch OFF (Auto ACC is ON).
2. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

3. Power switch ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

4. Perform self-diagnosis for “ABS”.

Is DTC “C107B-53” detected?

YES-1>>

“CRNT” is displayed: Refer to [DTC Diagnosis Procedure](#).

YES-2>>

“PAST” is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

1. PERFORM CONFIGURATION

Perform configuration of ABS actuator and electric unit (control unit). Refer to [Work Procedure](#).

>>

[GO TO 2.](#)

2. CHECK SELF-DIAGNOSIS RESULTS

 With CONSULT

Replace the ABS actuator and electric unit (control unit) even if other DTCs are displayed along with “C107B-53” in self-diagnosis for “ABS”.

>>

Replace the ABS actuator and electric unit (control unit). Refer to [ABS ACTUATOR AND ELECTRIC UNIT \(CONTROL UNIT\): Removal & Installation](#).

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C107C	53	Not configuration	Diagnosis condition	<ul style="list-style-type: none"> Power switch is ON. When the power supply voltage is normal.
			Signal (terminal)	—
			Threshold	When configuration is not complete.
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE


NOTE:

Confirm if DTC is PAST or CRNT. If DTC is CRNT, proceed with Diagnosis Procedure. If DTC is PAST, clear DTC. Do not replace the ABS actuator and electric unit (control unit) for a PAST DTC.

PAST DTC	CRNT DTC
Configuration is not complete	<ul style="list-style-type: none"> Configuration is not complete ABS actuator and electric unit (control unit)

FAIL-SAFE

Normal control

1. PRECONDITIONING

If “Confirmation Procedure” has been previously conducted, always power switch OFF, get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors before conducting the next test.

>>

[GO TO 2](#)

2. CHECK DTC DETECTION

 With CONSULT

1. Power switch OFF (Auto ACC is ON).
2. Get out of the vehicle, close all doors (other than hood assembly), check that the combination meter is OFF, and wait for 1 minute or more without opening these doors.

CAUTION:
Never operate the vehicle.

3. Power switch ON without depressing the brake pedal.

CAUTION:
Never set the vehicle to READY.

4. Perform self-diagnosis for “ABS”.

Is DTC “C107C-53” detected?

YES-1>>

“CRNT” is displayed: Refer to [DTC Diagnosis Procedure](#).

YES-2>>

“PAST” is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

1. PERFORM CONFIGURATION

Perform configuration of ABS actuator and electric unit (control unit). Refer to [Work Procedure](#).

>>

[GO TO 2.](#)

2. CHECK SELF-DIAGNOSIS RESULTS

 With CONSULT

Replace the ABS actuator and electric unit (control unit) even if other DTCs are displayed along with “C107C-53” in self-diagnosis for “ABS”.

>>

Replace the ABS actuator and electric unit (control unit). Refer to [ABS ACTUATOR AND ELECTRIC UNIT \(CONTROL UNIT\): Removal & Installation](#).

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition		
U2143	87	Controller area network communication error (Vehicle control module/Hybrid control module)	1	Diagnosis condition	<ul style="list-style-type: none"> Power switch is ON. When the power supply voltage is normal.
				Signal (terminal)	CAN communication signal
				Threshold	When CAN communication signal is not continuously transmitted to VCM.
				Diagnosis delay time	2 seconds or more
			2	Diagnosis condition	<ul style="list-style-type: none"> Power switch is ON. When the power supply voltage is normal.
				Signal (terminal)	CAN communication signal
				Threshold	When CAN communication signal is not continuously received from VCM.
				Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE



NOTE:

Confirm if DTC is PAST or CRNT. If DTC is CRNT, proceed with Diagnosis Procedure. If DTC is PAST, clear DTC. Do not replace the ABS actuator and electric unit (control unit) for a PAST DTC.

PAST DTC	CRNT DTC
<ul style="list-style-type: none"> Harness or connector CAN communication line 	Harness or connector

FAIL-SAFE

The following functions are suspended.

- VDC function
- TCS function
- hill start assist function
- Brake limited slip differential (BLSD) function
- Brake assist function