

01-02C ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

CRUISE CONTROL SYSTEM

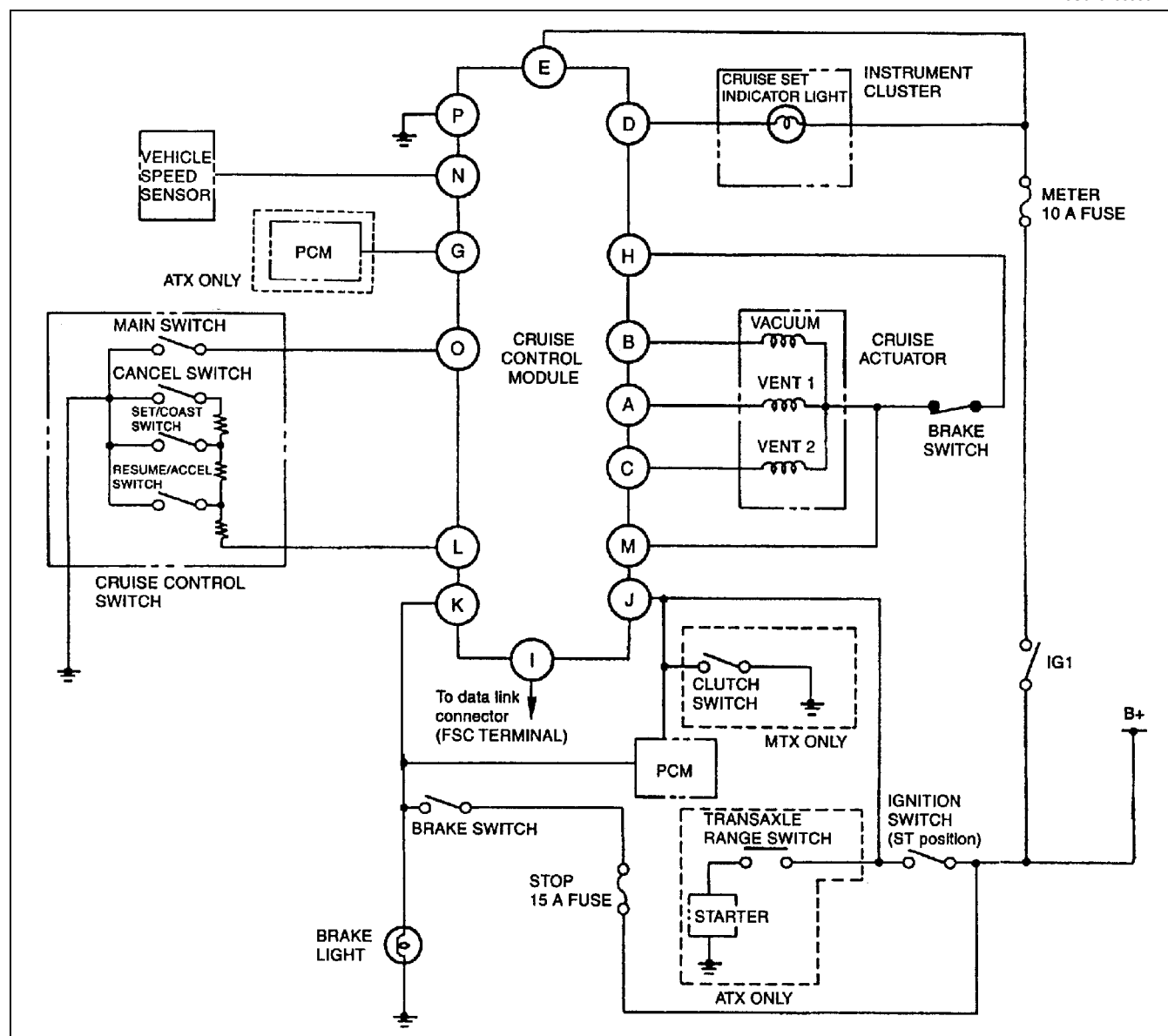
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CRUISE CONTROL SYSTEM WIRING DIAGRAM

A3U010266350W01



A3U102WY01

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

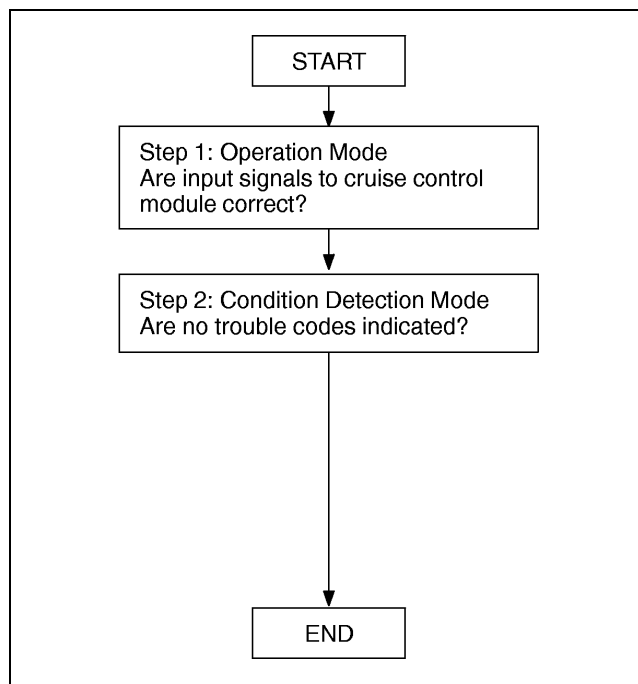
FOREWORD

A3U010266350W02

Outline

- There are two on-board diagnostic functions: Operation Mode, which inspects for and indicates correct operation of the input signals to the control module, and Condition Detection Mode, which indicates troubles in the system.
- The two functions can be done by using either of the following methods:
 1. Verifying the flashing pattern of the cruise set indicator light in the instrument cluster.
 2. Verifying the output of the data link connector using the **SST** (WDS or equivalent).

Inspection Order



X3U101WP0

INSPECTION OF DTCS FOR OPERATION MODE

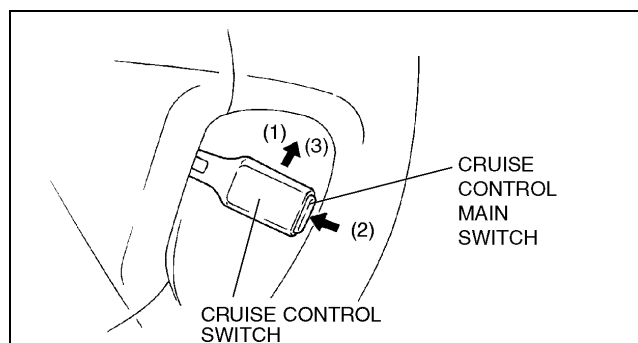
A3U010266350W03

Note

- If an Operation Mode is not indicated, the following may be the cause of the malfunction.
 1. Cruise control switch (RESUME/ACCEL switch)
 2. Cruise control main switch
 3. Cruise control module
 4. Open or short circuit in wiring harness

Using The Cruise Set Indicator Light

1. Turn the ignition switch to the ON position.
2. Verify that the cruise control main switch is off.
3. Perform the following steps to activate the operation mode.
 - (1) Push up the cruise control switch and hold it in the RESUME/ACCEL position.
 - (2) Turn on the cruise control main switch.
 - (3) Hold the cruise control switch in the RESUME/ACCEL position for **at least 3 seconds**. (The cruise set indicator light will illuminate for **3 seconds**.)
4. Operate each switch as described in the operation code list and note the operation code list pattern.
 - If the cruise set indicator light does not flash, inspect the corresponding system area.
5. The operation mode is canceled by turning the ignition switch to LOCK position or turning off the cruise control main switch.



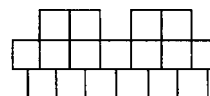
Y3U102WYA

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

Using The SST (WDS or equivalent)

DTCs retrieving procedure

1. Hook-up the **SST** to the vehicle. Make sure that ignition key is at LOCK and all accessories are OFF.
2. Turn the ignition key to ON (engine OFF).
3. Retrieve any DTCs by WDS or equivalent.



DLC

Z3U0102W401

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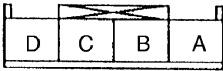
Operation Code List

Operation		DTC	Output pattern	Diagnosed circuit	
Turn SET/COAST switch on		21		Cruise control switch (SET/COAST switch)	
Turn RESUME/ACCEL switch on		22		Cruise control switch (RESUME/ACCEL switch)	
Depress brake pedal		31		Brake switch	
ATX	Shift selector lever to P or N range	35		ATX	Transaxle range switch
MTX	Depress clutch pedal			MTX	Clutch switch
Drive vehicle above 40 km/h {25 mph}		37		Vehicle speed sensor	

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

DTC 21

A3U010266350W04

DTC 21	Cruise control switch (set/coast switch)
DETECTION CONDITION	<ul style="list-style-type: none"> Resistance detected between terminal L and ground is other than approximately 198 ohms.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction Cruise control switch malfunction
<p>CLOCK SPRING CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p>	

Diagnostic procedure

INSPECTION		ACTION
INSPECT SIGNAL LINE OF CRUISE CONTROL SWITCH POSITION <ul style="list-style-type: none"> Remove column cover. Turn ignition switch to ON position. Turn cruise control main switch on. Turn SET/COAST switch on. Is voltage at terminal C of clock spring connector approximately 2 V? 	Yes	Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
	No	Replace cruise control switch. (See 01-20-7 CRUISE CONTROL SWITCH REMOVAL/INSTALLATION)

DTC 22

A3U010266350W05


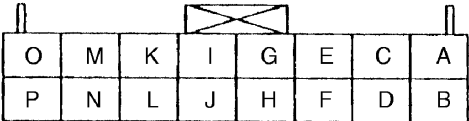
DTC 22	Cruise control switch (resume/accel switch)
DETECTION CONDITION	<ul style="list-style-type: none"> Resistance detected between terminal L and ground is other than 68 ohms.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction

Diagnostic procedure

ACTION
Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)

DTC 31

A3U010266350W06

DTC 31	Brake switch
DETECTION CONDITION	<ul style="list-style-type: none"> Voltage detected at terminal K is not approximately 12 V or voltage detected at terminal M is not approximately 0 V.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Burnt STOP 15 A fuse Cruise control module malfunction Brake switch malfunction Open circuit in wiring harness between STOP 15 A fuse and brake switch Open circuit in wiring harness between brake switch and cruise control module
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>BRAKE SWITCH CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> <div style="text-align: center;"> <p>CRUISE CONTROL MODULE CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> </div>	

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

Diagnostic procedure

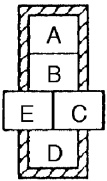
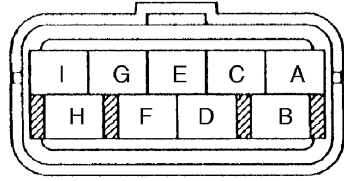
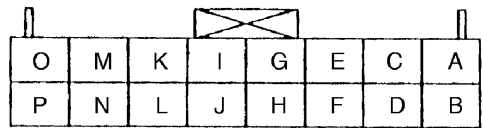
STEP	INSPECTION		ACTION
1	VERIFY WHICH MALFUNCTION IS, ONE BRAKE SWITCH CIRCUIT OR ANOTHER <ul style="list-style-type: none"> Does brake light illuminate when brake pedal depressed? 	Yes	Go to Step 6.
		No	Go to next step.
2	INSPECT STOP 15 A FUSE FOR FUSION <ul style="list-style-type: none"> Is STOP 15 A fuse okay? 	Yes	Go to next step.
		No	Replace fuse after inspecting and repairing wiring harness.
3	INSPECT WIRING HARNESS BETWEEN STOP 15 A FUSE AND BRAKE SWITCH FOR CONTINUITY <ul style="list-style-type: none"> Depress brake pedal. Is voltage at terminal 1B of brake switch connector approximately 12 V? 	Yes	Go to Step 5.
		No	Go to next step.
4	INSPECT WIRING HARNESS BETWEEN STOP 15 A FUSE AND BRAKE SWITCH FOR CONTINUITY <ul style="list-style-type: none"> Is voltage at terminal 1A of brake switch connector approximately 12 V? 	Yes	Replace brake switch. (See 04-11-5 BRAKE PEDAL REMOVAL/INSTALLATION)
		No	Repair wiring harness. (STOP 15 A fuse—Brake switch)
5	INSPECT WIRING HARNESS BETWEEN BRAKE SWITCH AND CRUISE CONTROL MODULE FOR CONTINUITY <ul style="list-style-type: none"> Remove passenger-side front side trim. (See 09-17-13 FRONT SIDE TRIM REMOVAL/INSTALLATION) Depress brake pedal. Is voltage at terminal K of cruise control module connector approximately 12 V? 	Yes	Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
		No	Repair wiring harness. (Cruise control module—Brake switch)
6	INSPECT WIRING HARNESS BETWEEN BRAKE SWITCH AND CRUISE CONTROL MODULE FOR CONTINUITY <ul style="list-style-type: none"> Remove passenger-side front side trim. (See 09-17-13 FRONT SIDE TRIM REMOVAL/INSTALLATION) Depress brake pedal. Is voltage at terminal K of cruise control module connector approximately 12 V? 	Yes	Go to next step.
		No	Repair wiring harness. (Cruise control module—Brake switch)
7	INSPECT BRAKE SWITCH <ul style="list-style-type: none"> Turn ignition switch to ON position. Turn cruise control main switch on. Depress brake pedal. Is voltage at terminal M of cruise control module connector approximately 0 V? 	Yes	Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
		No	Replace brake switch. (See 04-11-5 BRAKE PEDAL REMOVAL/INSTALLATION)

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ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

DTC 35

A3U010266350W07

DTC 35	Clutch switch (ATX: transaxle range switch)
DETECTION CONDITION	<ul style="list-style-type: none"> Voltage detected at terminal J is not approximately 0 V.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction Clutch switch malfunction (ATX: transaxle range switch) Open circuit in wiring harness between clutch switch (ATX: transaxle range switch) and ground Open circuit in wiring harness between clutch switch (ATX: transaxle range switch) and cruise control module
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <p>CLUTCH SWITCH CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> <div style="text-align: center;"> <p>TRANSAXLE RANGE SWITCH CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> <div style="text-align: center;"> <p>CRUISE CONTROL MODULE CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> </div>	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	<ul style="list-style-type: none"> Does vehicle has MTX? 	Yes Go to next step.
		No Go to Step 6.
2	<ul style="list-style-type: none"> Inspect clutch switch. (See 01-40A-41 CLUTCH SWITCH INSPECTION [ZM]) (See 01-40B-42 CLUTCH SWITCH INSPECTION [FS]) Is clutch switch okay? 	Yes Go to next step.
		No Replace clutch switch. (See 05-10-5 CLUTCH PEDAL REMOVAL/ INSTALLATION)
3	INSPECT WIRING HARNESS BETWEEN CLUTCH SWITCH AND GROUND FOR CONTINUITY <ul style="list-style-type: none"> Disconnect clutch switch connector. Is there continuity between terminal E of clutch switch connector and ground? 	Yes Go to next step.
		No Repair wiring harness. (Clutch switch—GND)
4	INSPECT WIRING HARNESS BETWEEN CLUTCH SWITCH AND CRUISE CONTROL MODULE FOR CONTINUITY <ul style="list-style-type: none"> Turn ignition switch to ON position. Turn cruise control main switch on. Keep clutch pedal released. Is voltage at terminal C of clutch switch connector approximately 12 V? 	Yes Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/ INSTALLATION)
		No Go to next step.
5	INSPECT CRUISE CONTROL MODULE <ul style="list-style-type: none"> Remove passenger-side front side trim. (See 09-17-13 FRONT SIDE TRIM REMOVAL/INSTALLATION) Is voltage at terminal J of cruise control module connector approximately 12 V? 	Yes Repair wiring harness. (Cruise control module—Clutch switch)
		No Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/ INSTALLATION)
6	<ul style="list-style-type: none"> Inspect transaxle range switch. (See 05-17-20 TRANSAXLE RANGE (TR) SWITCH INSPECTION) Is transaxle range switch okay? 	Yes Go to next step.
		No Replace transaxle range switch. (See 05-17-20 TRANSAXLE RANGE (TR) SWITCH REMOVAL/INSTALLATION)
7	INSPECT WIRING HARNESS BETWEEN TRANSAXLE RANGE SWITCH AND GROUND FOR CONTINUITY <ul style="list-style-type: none"> Disconnect transaxle range switch connector. Is there continuity between terminal B of transaxle range switch connector and ground? 	Yes Go to next step.
		No Repair wiring harness. (Transaxle range switch—GND)

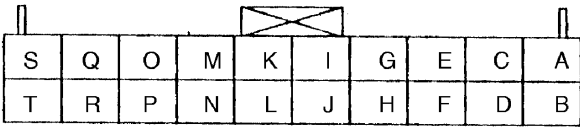
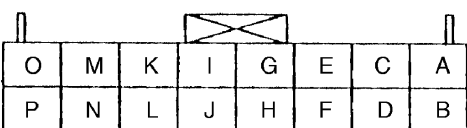
ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

STEP	INSPECTION	ACTION
8	INSPECT WIRING HARNESS BETWEEN TRANSAXLE RANGE SWITCH AND CRUISE CONTROL MODULE FOR CONTINUITY <ul style="list-style-type: none"> Turn ignition switch to ON position. Turn cruise control main switch on. Shift selector lever to D or R range. Is voltage at terminal H of transaxle range switch connector approximately 12 V? 	Yes Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
		No Go to next step.
9	INSPECT CRUISE CONTROL MODULE <ul style="list-style-type: none"> Remove passenger-side front side trim. (See 09-17-13 FRONT SIDE TRIM REMOVAL/INSTALLATION) Is voltage at terminal J of cruise control module connector approximately 12 V? 	Yes Repair wiring harness. (Cruise control module—Transaxle range switch)
		No Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)

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DTC 37

A3U010266350W08

DTC 37	Vehicle speed sensor
DETECTION CONDITION	<ul style="list-style-type: none"> Voltage detected at terminal N does not alternate between 0 V and 5 V.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction Instrument cluster malfunction Open circuit in wiring harness between instrument cluster and cruise control module
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>INSTRUMENT CLUSTER CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> <div style="text-align: center;"> <p>CRUISE CONTROL MODULE CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> </div>	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT WIRING HARNESS BETWEEN INSTRUMENT CLUSTER AND CRUISE CONTROL MODULE FOR CONTINUITY <ul style="list-style-type: none"> Remove instrument cluster. (See 09-22-3 INSTRUMENT CLUSTER REMOVAL/INSTALLATION) Remove passenger-side front side trim. (See 09-17-13 FRONT SIDE TRIM REMOVAL/INSTALLATION) Disconnect cruise control module connector. Is there continuity between terminal N of cruise control module connector and terminal 3T of instrument cluster connector? 	Yes Go to next step.
		No Repair wiring harness. (Cruise control module—instrument cluster)
2	INSPECT VEHICLE SPEED SIGNAL <ul style="list-style-type: none"> Turn ignition switch to ON position. Turn cruise control main switch on. Rotate front tires. Does voltage at terminal 3T of instrument cluster connector alternate between 0 V and 5 V? 	Yes Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
		No Replace instrument cluster. (See 09-22-3 INSTRUMENT CLUSTER REMOVAL/INSTALLATION)

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

INSPECTION OF DTCS FOR CONDITION DETECTION MODE

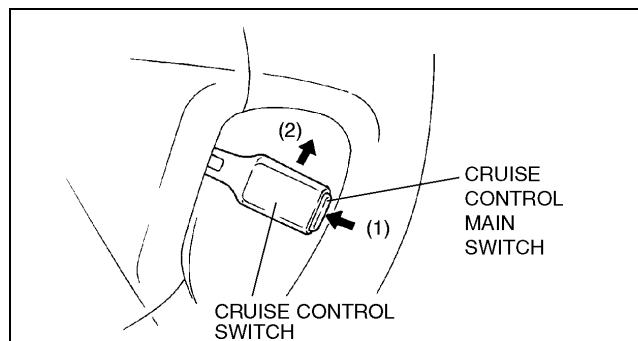
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Using The Cruise Set Indicator Light

Note

- If the RESUME/ACCEL switch on the cruise control switch is malfunctioning, the cruise set indicator light will not give a correct indication when you inspect the system. Use the **SST** (WDS or equivalent) to determine the cause of the malfunction.

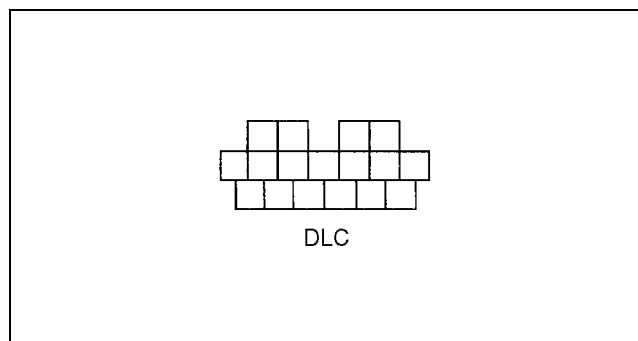
1. Drive the vehicle at **over 16 km/h {10 mph}**.
2. Operate each of the cruise control switches.
3. Stop the vehicle and let it idle.
4. The following steps to activate the detection mode.
 - (1) Turn on the cruise control main switch.
 - (2) Push up the cruise control switch and hold it in the RESUME/ACCEL position for **at least 3 seconds**. (The cruise set indicator light will illuminate for **3 seconds**.)
 - If a DTC is indicated, inspect the corresponding system area.
5. The condition detection mode is canceled by turning the ignition switch to LOCK position or turning off the cruise control main switch.



Y3U102WYB

Using The SST (WDS or equivalent) DTCs retrieving procedure

1. Hook-up the **SST** to the vehicle. Make sure that ignition key is at LOCK and all accessories are OFF.
2. Turn the ignition key to ON (engine OFF).
3. Retrieve any DTCs by WDS or equivalent.





Z3U0102W401

Condition Code List

DTC	Output pattern	Diagnosed circuit
01		Cruise actuator
05		Brake switch
07		Brake switch
11		Cruise control switch (SET/COAST switch)
12		Cruise control switch (RESUME/ACCEL switch)

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

DTC	Output pattern	Diagnosed circuit
13		Cruise control switch (Ground circuit)
15		Cruise control module

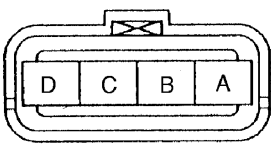
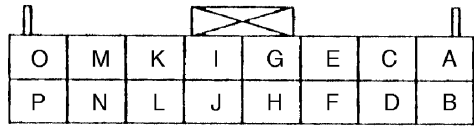
01-02C

Note

- When two or more DTCs are indicated, inspect the malfunction with the smallest number first.

DTC 01

A3U010266350W10

DTC 01	Cruise actuator
DETECTION CONDITION	<ul style="list-style-type: none"> Voltages detected at terminal A, B or C are not approximately 12 V.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction Cruise actuator malfunction Open circuit in wiring harness between cruise control module and cruise actuator Open circuit in wiring harness between cruise actuator and brake switch Open circuit in wiring harness between cruise control module and brake switch
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>CRUISE ACTUATOR CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> <div style="text-align: center;"> <p>CRUISE CONTROL MODULE CONNECTOR</p>  <p>HARNESS SIDE CONNECTOR (VIEW FROM HARNESS SIDE)</p> </div> </div>	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT WIRING HARNESS BETWEEN CRUISE CONTROL MODULE AND CRUISE ACTUATOR FOR CONTINUITY <ul style="list-style-type: none"> Are wiring harnesses between cruise control module and cruise actuator okay? 	Yes Go to next step.
		No Repair wiring harness. (Cruise control module—Cruise actuator)
2	INSPECT POWER SUPPLY LINE OF CRUISE ACTUATOR <ul style="list-style-type: none"> Disconnect cruise actuator connector. Turn ignition switch to ON position. Turn cruise control main switch on. Is voltage at terminal B of cruise actuator connector approximately 12 V? 	Yes Go to Step 6.
		No Go to next step.
3	INSPECT WIRING HARNESS BETWEEN BRAKE SWITCH AND CRUISE ACTUATOR FOR CONTINUITY <ul style="list-style-type: none"> Is voltage at terminal 2B of brake switch connector approximately 12 V? 	Yes Repair wiring harness. (Cruise actuator—Brake switch)
		No Go to next step.
4	INSPECT BRAKE SWITCH <ul style="list-style-type: none"> Is voltage at terminal 2A of brake switch connector approximately 12 V? 	Yes Replace brake switch. (See 04-11-5 BRAKE PEDAL REMOVAL/INSTALLATION)
		No Go to next step.
5	INSPECT CRUISE CONTROL MODULE <ul style="list-style-type: none"> Remove passenger-side front side trim. (See 09-17-13 FRONT SIDE TRIM REMOVAL/INSTALLATION) Is voltage at terminal H of cruise control module connector approximately 12 V? 	Yes Repair wiring harness. (Cruise control module—Brake switch)
		No Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

STEP	INSPECTION		ACTION
6	INSPECT CRUISE ACTUATOR <ul style="list-style-type: none"> Connect cruise actuator connector. Turn ignition switch to ON position. Turn cruise control main switch on. Is voltage at terminal D of cruise actuator connector approximately 12 V? 	Yes	Go to next step.
		No	Replace cruise actuator. (See 01-20-4 CRUISE ACTUATOR REMOVAL/INSTALLATION)
7	INSPECT CRUISE ACTUATOR <ul style="list-style-type: none"> Is voltage at terminal A of cruise actuator connector approximately 12 V? 	Yes	Go to next step.
		No	Replace cruise actuator. (See 01-20-4 CRUISE ACTUATOR REMOVAL/INSTALLATION)
8	INSPECT CRUISE ACTUATOR <ul style="list-style-type: none"> Is voltage at terminal C of cruise actuator connector approximately 12 V? 	Yes	Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
		No	Replace cruise actuator. (See 01-20-4 CRUISE ACTUATOR REMOVAL/INSTALLATION)

DTC 05

A3U010266350W11

DTC 05	Brake switch
DETECTION CONDITION	<ul style="list-style-type: none"> Voltage detected at terminal K is always approximately 0 V.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction

Diagnostic procedure

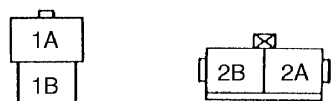
INSPECTION		ACTION
<ul style="list-style-type: none"> Was operation mode performed? 	Yes	Perform operation mode on-board diagnostic again. Even if no malfunctions are detected in operation mode, if DTC 05 is indicated in condition detection mode on-board diagnostic, replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
	No	Perform operation mode.

DTC 07

A3U010266350W12

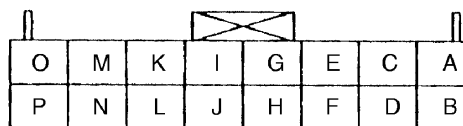
DTC 07	Brake switch
DETECTION CONDITION	<ul style="list-style-type: none"> Voltage detected at terminal K or M is always approximately 12 V. Voltage detected at terminal M is always approximately 0 V.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction Brake switch malfunction Open circuit in wiring harness between cruise control module and brake switch

BRAKE SWITCH CONNECTOR



HARNESS SIDE CONNECTOR
(VIEW FROM HARNESS SIDE)

CRUISE CONTROL MODULE CONNECTOR



HARNESS SIDE CONNECTOR
(VIEW FROM HARNESS SIDE)

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

Diagnostic procedure

STEP	INSPECTION	ACTION
1	<ul style="list-style-type: none"> Disconnect brake switch connector. Is there continuity between terminal 1A and 1B of brake switch? 	Yes Replace brake switch. (See 04-11-5 BRAKE PEDAL REMOVAL/INSTALLATION)
		No Go to next step.
2	<ul style="list-style-type: none"> Remove passenger-side front side trim. (See 09-17-13 FRONT SIDE TRIM REMOVAL/INSTALLATION) Turn ignition switch to ON position. Turn cruise control main switch on. Depress brake pedal. Is voltage at terminal M of cruise control module connector approximately 0 V? 	Yes Repair wiring harness. (Cruise control module—Brake switch)
		No Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)

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DTC 11

A3U010266350W13

DTC 11	Cruise control switch (set/coast switch)
DETECTION CONDITION	<ul style="list-style-type: none"> Resistance detected between terminal L and ground is always approximately 198 ohms.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction

Diagnostic procedure

INSPECTION	ACTION
<ul style="list-style-type: none"> Was operation mode performed? 	Yes Perform operation mode on-board diagnostic again. Even if no malfunctions are detected in operation mode, if DTC 11 is indicated in condition detection mode on-board diagnostic, replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
	No Perform operation mode.

DTC 12

A3U010266350W14

DTC 12	Cruise control switch (resume/accel switch)
DETECTION CONDITION	<ul style="list-style-type: none"> Resistance detected between terminal L and ground is always approximately 68 ohms.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Cruise control module malfunction

Diagnostic procedure

INSPECTION	ACTION
<ul style="list-style-type: none"> Was operation mode performed? 	Yes Perform operation mode on-board diagnostic again. Even if no malfunctions are detected in operation mode, if DTC 12 is indicated in condition detection mode on-board diagnostic, replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
	No Perform operation mode.

ON-BOARD DIAGNOSTIC [CRUISE CONTROL SYSTEM]

DTC 13

A3U010266350W15

DTC 13	Cruise control switch (ground circuit)
DETECTION CONDITION	<ul style="list-style-type: none">Resistance detected between terminal L and ground is always approximately 0 ohm.
POSSIBLE CAUSE	<ul style="list-style-type: none">Cruise control module malfunction

Diagnostic procedure

INSPECTION		ACTION
<ul style="list-style-type: none">Was operation mode performed?	Yes	Perform operation mode on-board diagnostic again. Even if no malfunctions are detected in operation mode, if DTC 13 is indicated in condition detection mode on-board diagnostic, replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)
	No	Perform operation mode.

DTC 15

A3U010266350W16

DTC 15	Cruise control module
DETECTION CONDITION	<ul style="list-style-type: none">Malfunction in cruise control module circuit
POSSIBLE CAUSE	<ul style="list-style-type: none">Cruise control module malfunction

Diagnostic procedure

ACTION
Replace cruise control module. (See 01-20-2 CRUISE CONTROL MODULE REMOVAL/INSTALLATION)