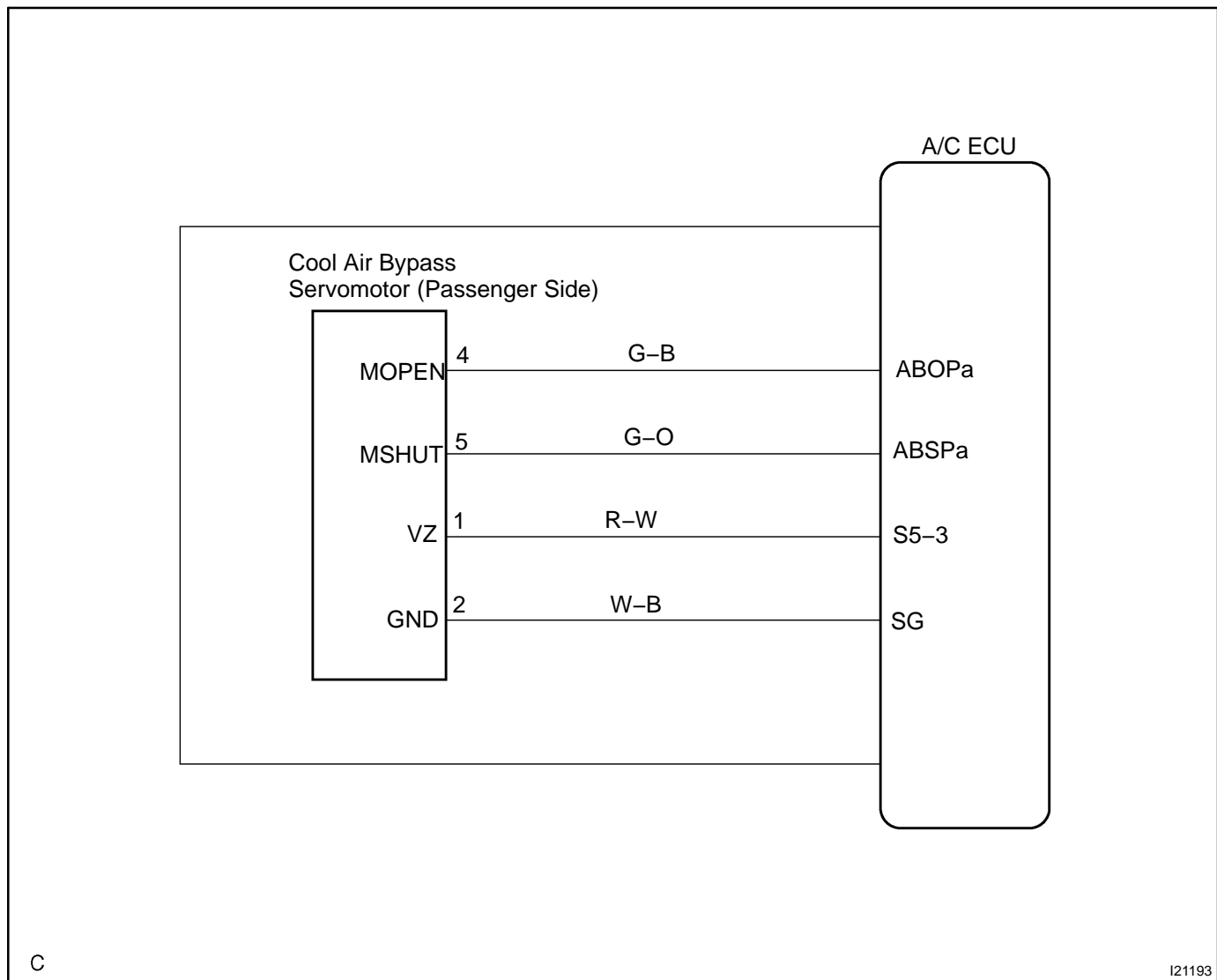


# Cool Air Bypass Damper Control Servomotor Circuit (Passenger Side)

## CIRCUIT DESCRIPTION

The cool air bypass servomotor is controlled by the A/C ECU and moves the cool air bypass damper to the desired position.

## WIRING DIAGRAM



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I21193

## INSPECTION PROCEDURE

<b>1</b>	<b>Actuator check.</b>
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### PREPARATION:

- (a) Set to the actuator check mode (See page [DI-1790](#)).
- (b) Press the UP switch and change it to step operation.

### CHECK:

Push the temperature control switch and check that cool air bypass damper operates with changes in the vent blower output and damper operation noise.

### OK:

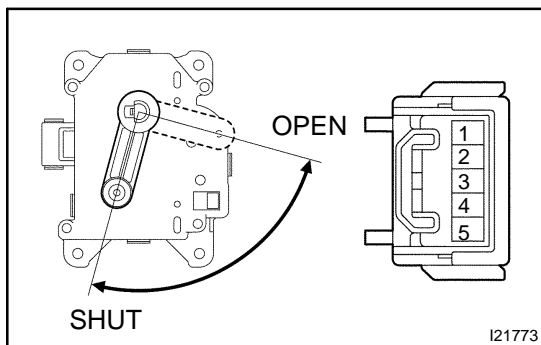
Display Code	Max. Cool Damper
0 - 2	Open
3 - 9	Shut

**OK**

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-1806](#)).

**NG**

<b>2</b>	<b>Check cool air bypass damper control servomotor.</b>
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### PREPARATION:

Remove the cool air bypass damper control servomotor (See page [AC-78](#)).

### CHECK:

Connect positive (+) lead to terminal 5 and negative (-) lead to terminal 4.

### OK:

The lever moves smoothly to **SHUT** position.

### CHECK:

Connect negative (-) lead to terminal 4 and positive (+) lead to terminal 5.

### OK:

The lever moves smoothly to **OPEN** position.

**NG**

Replace cool air bypass damper control servomotor.

**OK**

3

Check harness and connector between A/C ECU and cool air bypass damper control servomotor (See page [IN-34](#)).

NG

Repair or replace harness or connector.

OK

Check and replace A/C ECU.