

DUTY VACUUM SWITCHING VALVE

INSPECTION

1. INSPECT DUTY VACUUM SWITCHING VALVE

- (a) Check the resistance.
 - (1) Using an ohmmeter, measure the resistance between the terminals.

Standard

Tester Connection	Specified Condition
1 - 2	26 to 30 Ω at 20°C (68°F)

If the result is not as specified, replace the duty vacuum switching valve.

- (b) Check the vacuum switching valve No. 1 for ground.

- (1) Using an ohmmeter, check the resistance between each terminal and the body.

Standard

Tester Connection	Specified Condition
1 - Body	10 MΩ or higher
2 - Body	10 MΩ or higher

If the result is not as specified, replace the duty vacuum switching valve.

- (c) Check the operation.

- (1) Check that air does not flow from port E to port F.

If the operation is not as specified, replace the duty vacuum switching valve.

- (2) Apply battery voltage across the terminals.

- (3) Check that air flows from port E to port F.

If the operation is not as specified, replace the duty vacuum switching valve.

