

WASHER MOTOR

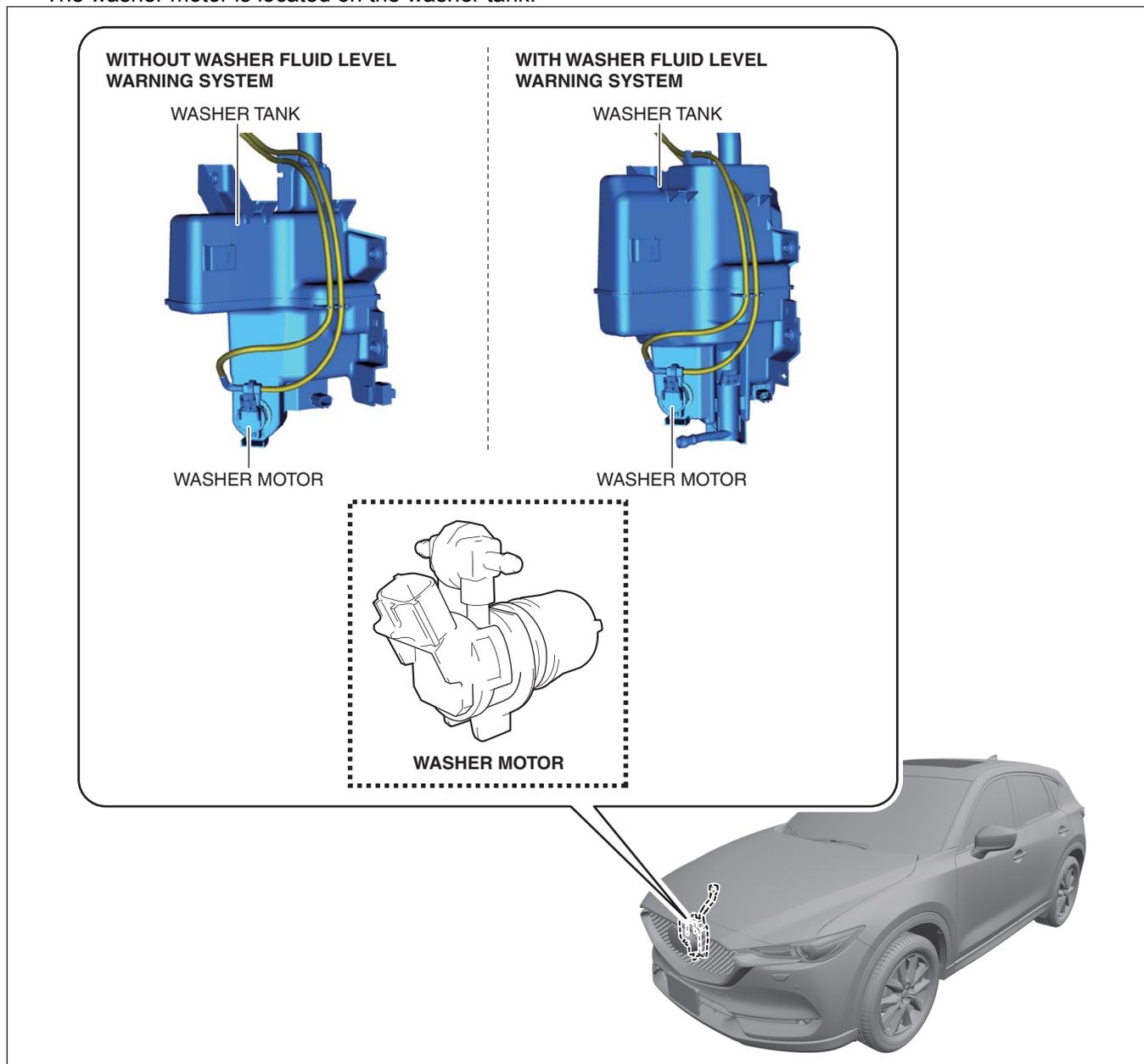
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Purpose/Function

- The washer motor supplies washer fluid in the washer tank to the washer nozzles.

Structure/Construction

- The washer motor is located on the washer tank.

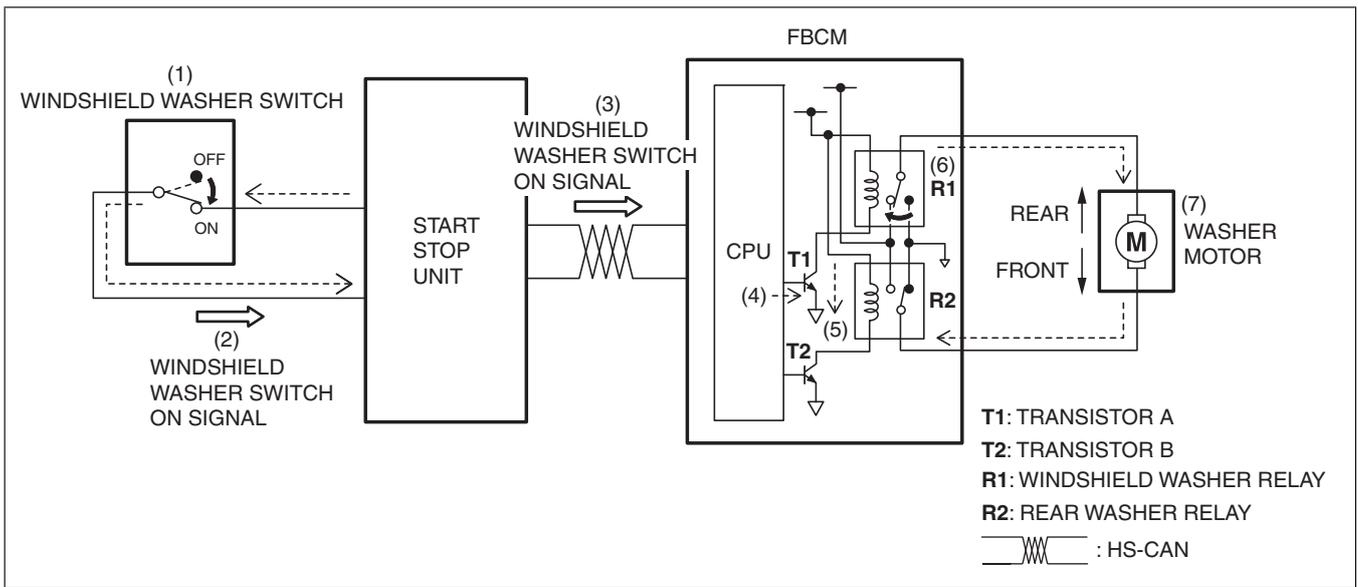


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Operation

Windshield washer

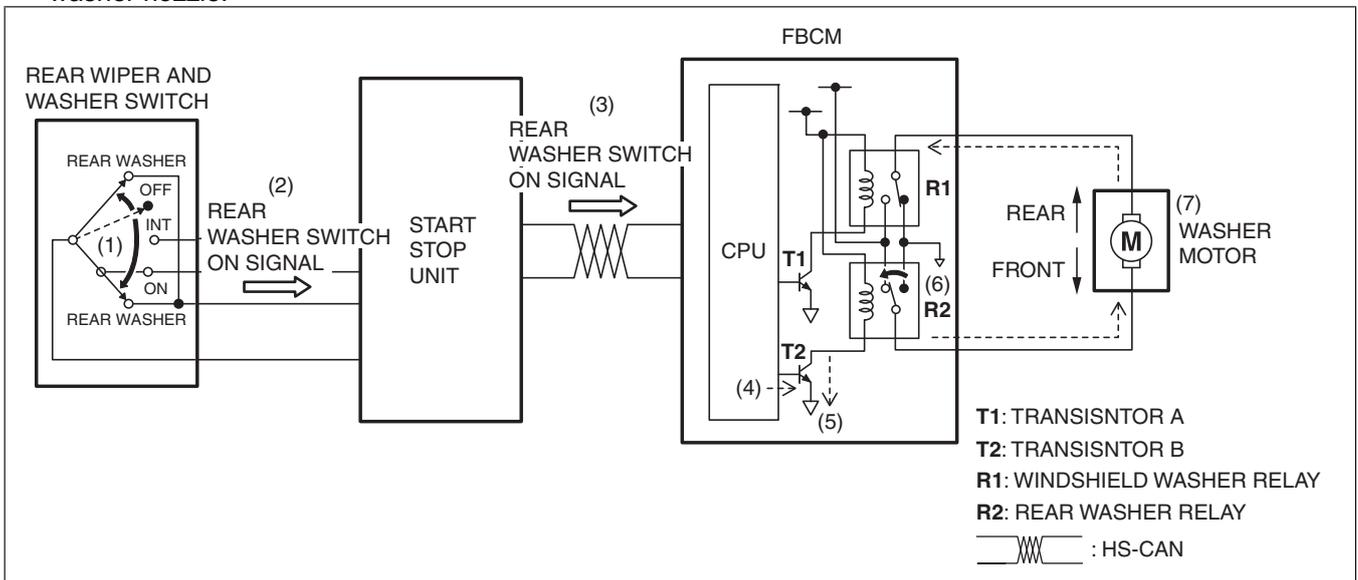
1. When the windshield washer switch is on (1), the start stop unit detects (2) a windshield washer switch on signal.
2. The start stop unit sends (3) the windshield washer switch on signal to the front body control module (FBCM) via CAN communication.
3. When the front body control module (FBCM) receives the windshield washer switch on signal, it turns transistor A on (4).
4. When transistor A turns on, a ground circuit with the windshield washer relay is established (5), and the windshield washer relay turns on (6).
5. When the windshield washer relay turns on, the washer motor is driven (7) and washer fluid is sprayed from the windshield washer nozzles.



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Rear washer

1. When the rear wiper and washer switch is in the REAR WASHER position (1), the start stop unit detects (2) a rear washer switch on signal.
2. The start stop unit sends (3) the rear washer switch on signal to the front body control module (FBCM) via CAN communication.
3. When the front body control module (FBCM) receives the rear washer switch on signal, it turns transistor B on (4).
4. When transistor B turns on, a ground circuit with the rear washer relay is established (5), and the rear washer relay turns on (6).
5. When the rear washer relay turns on, the washer motor is driven (7) and washer fluid is sprayed from the rear washer nozzle.



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Fail-safe

- Not applicable