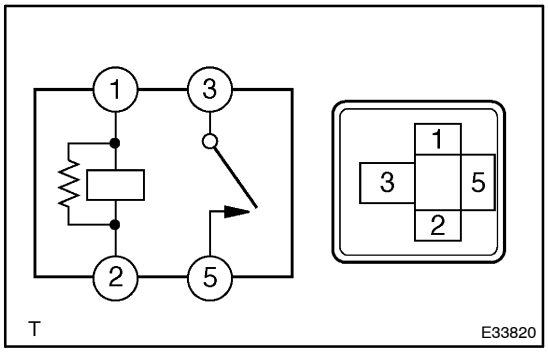
INSPECTION



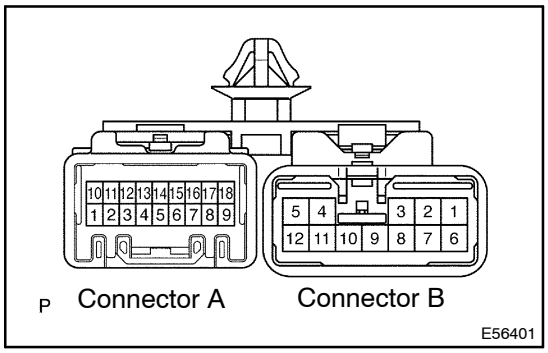
1. 15B–FTE and S05C–TB:
INSPECT IGNITION RELAY NO.2 (Marking: IG1 – 2)

(a) Inspect the relay continuity.

Standard:

Terminal No.	Tester Connection	Specified Condition
1 ⇔ 2	Constant	Continuity
3 ⇔ 5	Apply battery voltage to terminals 1 and 2	Continuity

If the result is not as specified, replace the relay.



2. INSPECT WINDSHIELD WIPER SWITCH ASSY

(a) RHD models (w/ standard body and w/o power steering): Inspect the wiper switch continuity.

Standard:

Symbols (Terminal No.)	Switch Position	Specified Condition
+1 (B3) ⇔ +S (B9)	OFF	Continuity
+1 (B3) ⇔ +S (B9)	INT	Continuity
+1 (B3) ⇔ +B (B6)	LO	Continuity
+B (B6) ⇔ +2 (B8)	HI	Continuity

If the result is not as specified, replace the switch assy.

(b) Inspect the washer switch continuity.

Standard:

Symbols (Terminal No.)	Switch Position	Specified Condition
–	OFF	No continuity
WF (B1) ⇔ E (B7)	ON	Continuity

If the result is not as specified, replace the switch assy.

(c) Inspect the intermittent operation.

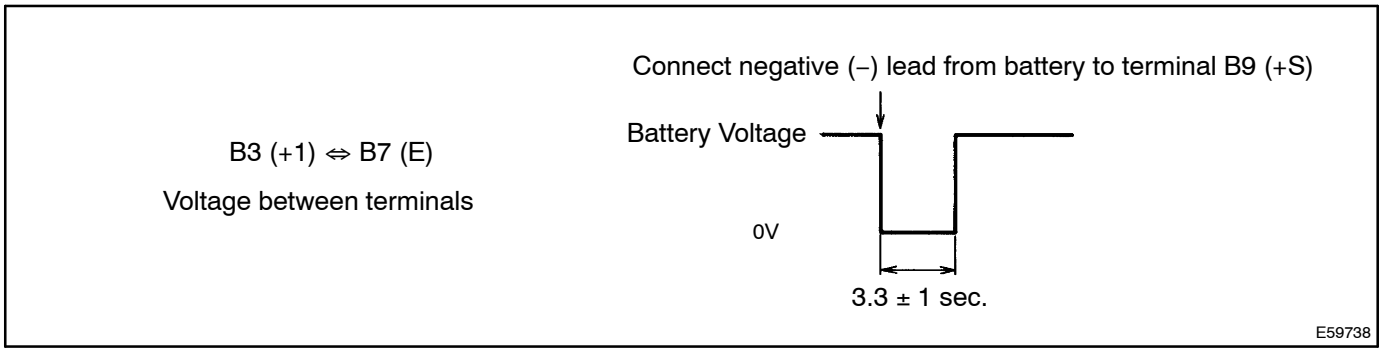
(1) Connect the voltmeter positive (+) lead to terminal B3 (+1) of the connector and the voltmeter negative (–) lead to terminal B7 (E) of the connector.

(2) Connect the positive (+) lead from the battery to terminal B6 (+B) of the connector and the negative (–) lead to terminals B7 (E) and B9 (+S) of the connector.

(3) Turn the wiper switch to INT.

(4) Connect the positive (+) lead from the battery to terminal B9 (+S) of the connector for 5 seconds.

(5) Connect the negative (–) lead from the battery to terminal B9 (+S) of the connector, operate the intermittent wiper relay and check the voltage between terminal B3 (+1) and terminal B7 (E).



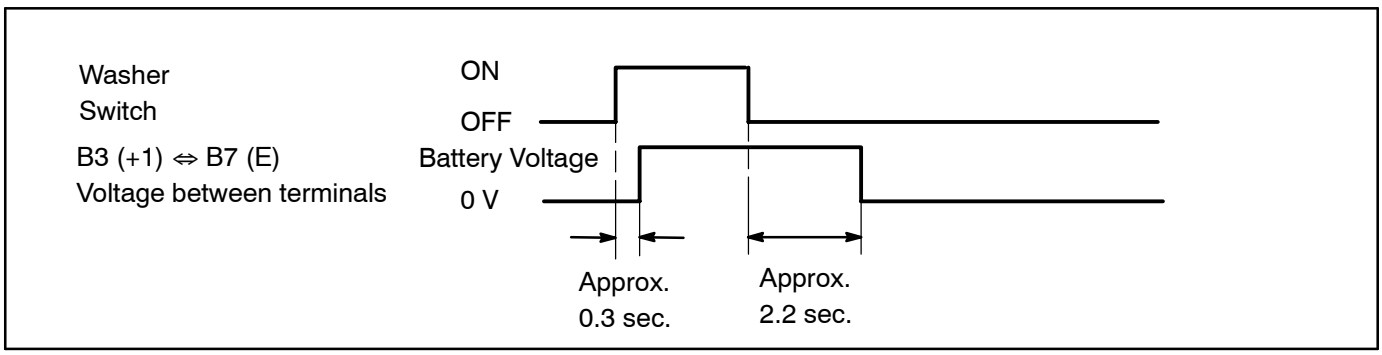
If the result is not as specified, replace the switch assy.

(d) Inspect operation of the washer.

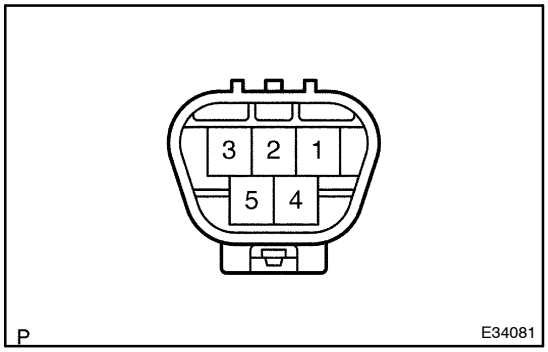
(1) Turn the wiper switch OFF.

(2) Connect the positive (+) lead from the battery to terminal B6 (+B) of the connector and the negative (–) lead to terminals B9 (+S) and B7 (E) of the connecter.

(3) Connect the voltmeter positive (+) lead to terminal B3 (+1) of the connector and the voltmeter negative (–) lead to terminal B7 (E) of the connector. Turn the washer switch ON and OFF, and check the voltage between terminal B3 (+1) and terminal B7 (E).



If the result is not as specified, replace the switch assy.



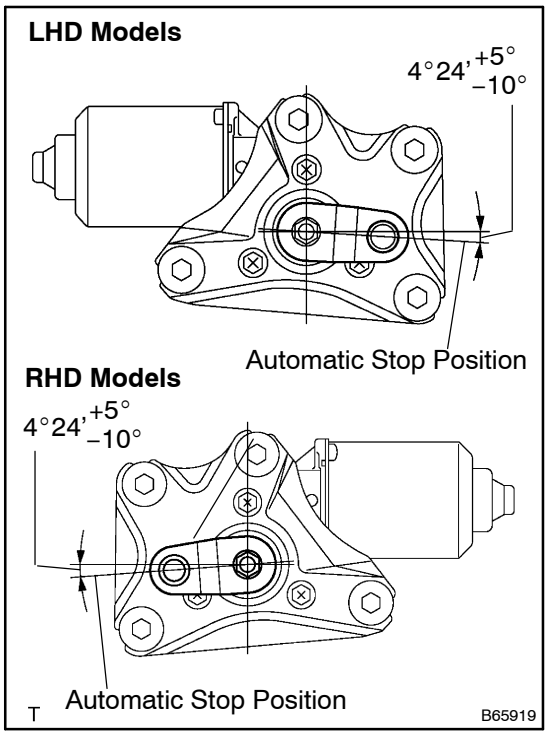
3. Standard Body:
INSPECT FRONT WIPER MOTOR & BRACKET ASSY

(a) Inspect the LO operation.
(1) Connect the battery (+) to terminal 1 ((5)) of the connector and the battery (–) to terminal 5 ((4)) of the connector, and check that the motor operates with low speed.
(( )): RHD models

If the result is not as specified, replace the motor.

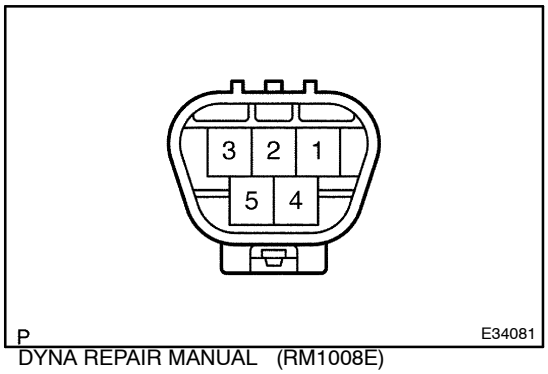
(b) Inspect the HI operation.
(1) Connect the battery (+) to terminal 4 ((3)) of the connector and the battery (–) to terminal 5 ((4)) of the connector, and check that the motor operates with high speed.
(( )): RHD models

If the result is not as specified, replace the motor.



(c) Inspect the automatic stop operation.
(1) Connect the battery (+) to terminal 1 ((5)) of the connector and the battery (–) to terminal 5 ((4)) of the connector. While the motor is rotating with low speed , disconnect terminal 1 ((5)) to stop operation of the wiper motor operation at any position except the automatic stop position.
(2) Connect terminals 1 ((5)) and 3 ((1)).
(3) Check that the motor starts operating again with low speed and stops at the automatic stop position by connecting the battery (+) to terminal 2 ((2)).
(( )): RHD models

If the result is not as specified, replace the motor.



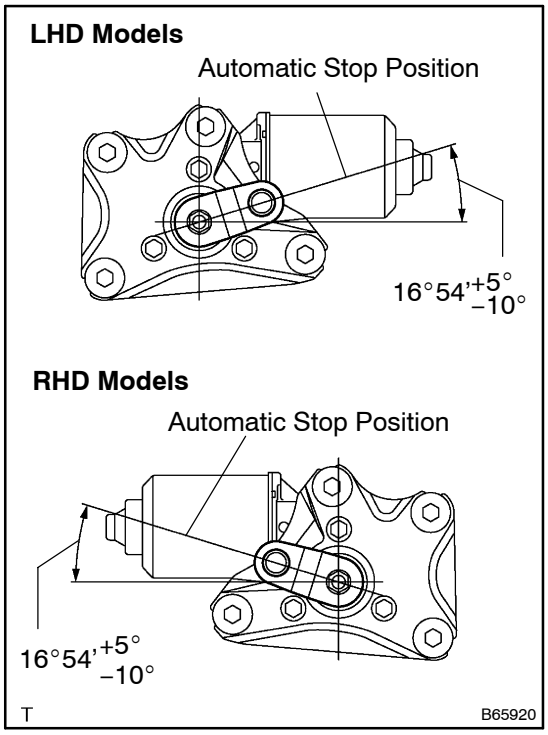
4. Wide Body:
INSPECT FRONT WIPER MOTOR & BRACKET ASSY

(a) Inspect the LO operation.
(1) Connect the battery (+) to terminal 5 ((1)) of the connector, the battery (–) to terminal 4 ((5)) of the connector, and check that the motor operates with low speed.
(( )): RHD models

If the result is not as specified, replace the motor.

(b) Inspect the HI operation.
(1) Connect the battery (+) to terminal 3 ((4)) of the connector and the battery (–) to terminal 4 ((5)) of the connector, and check that the motor operates with high speed.
(( )): RHD models

If the result is not as specified, replace the motor.



(c) Inspect the automatic stop operation.
(1) Connect the battery (+) to terminal 5 ((1)) of the connector and the battery (–) to terminal 4 ((5)) of the connector. While the motor is rotating with low speed, disconnect terminal 5 ((1)) to stop operation of the wiper motor at any position except the automatic stop position.
(2) Connect terminals 5 ((1)) and 1 ((3)).
(3) Check that the motor starts operating again with low speed and stops at the automatic stop position by connecting the battery (+) to terminal 2 ((2)).
(( )): RHD models

If the result is not as specified, replace the motor.