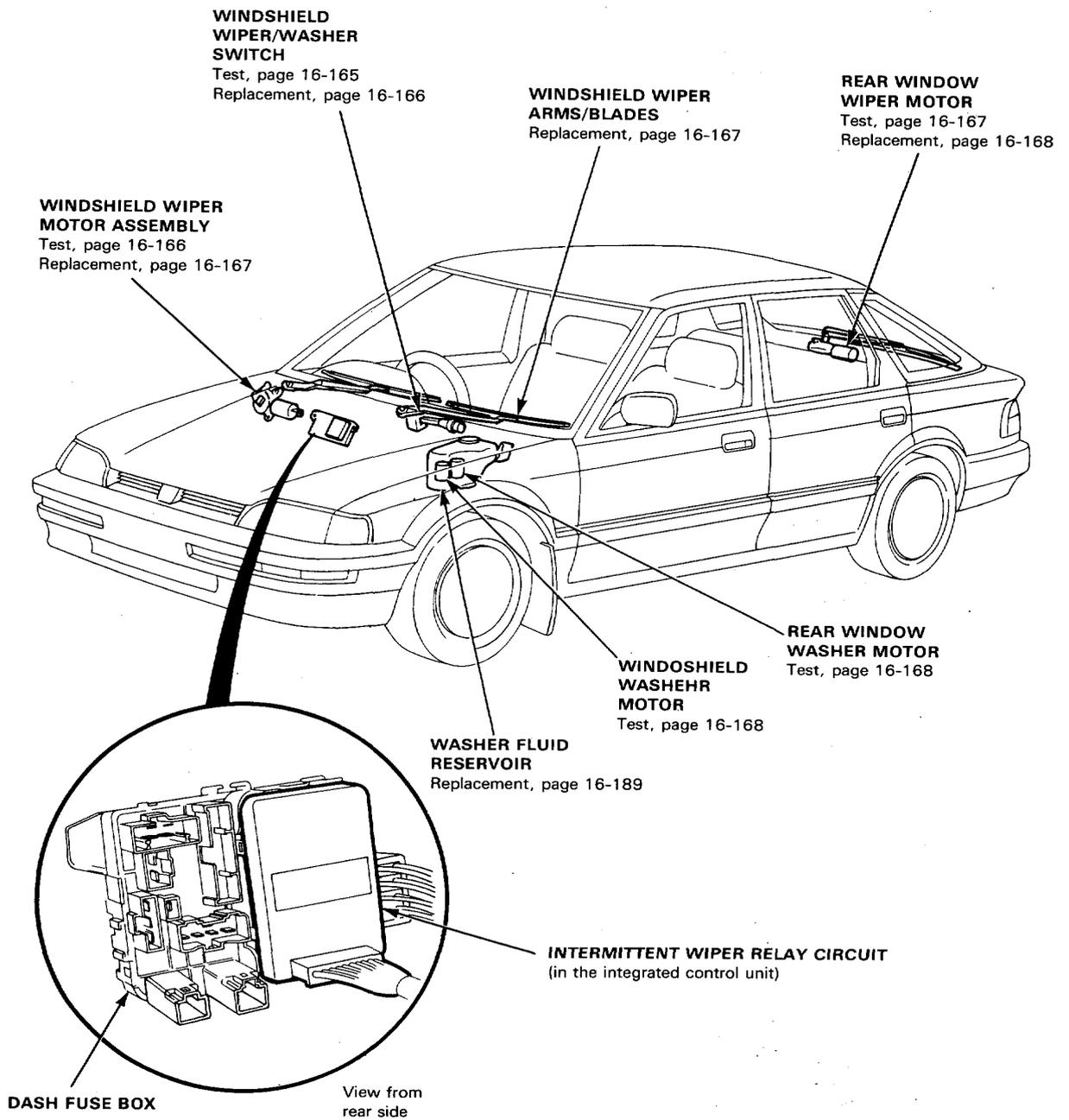


Wipers/Washers

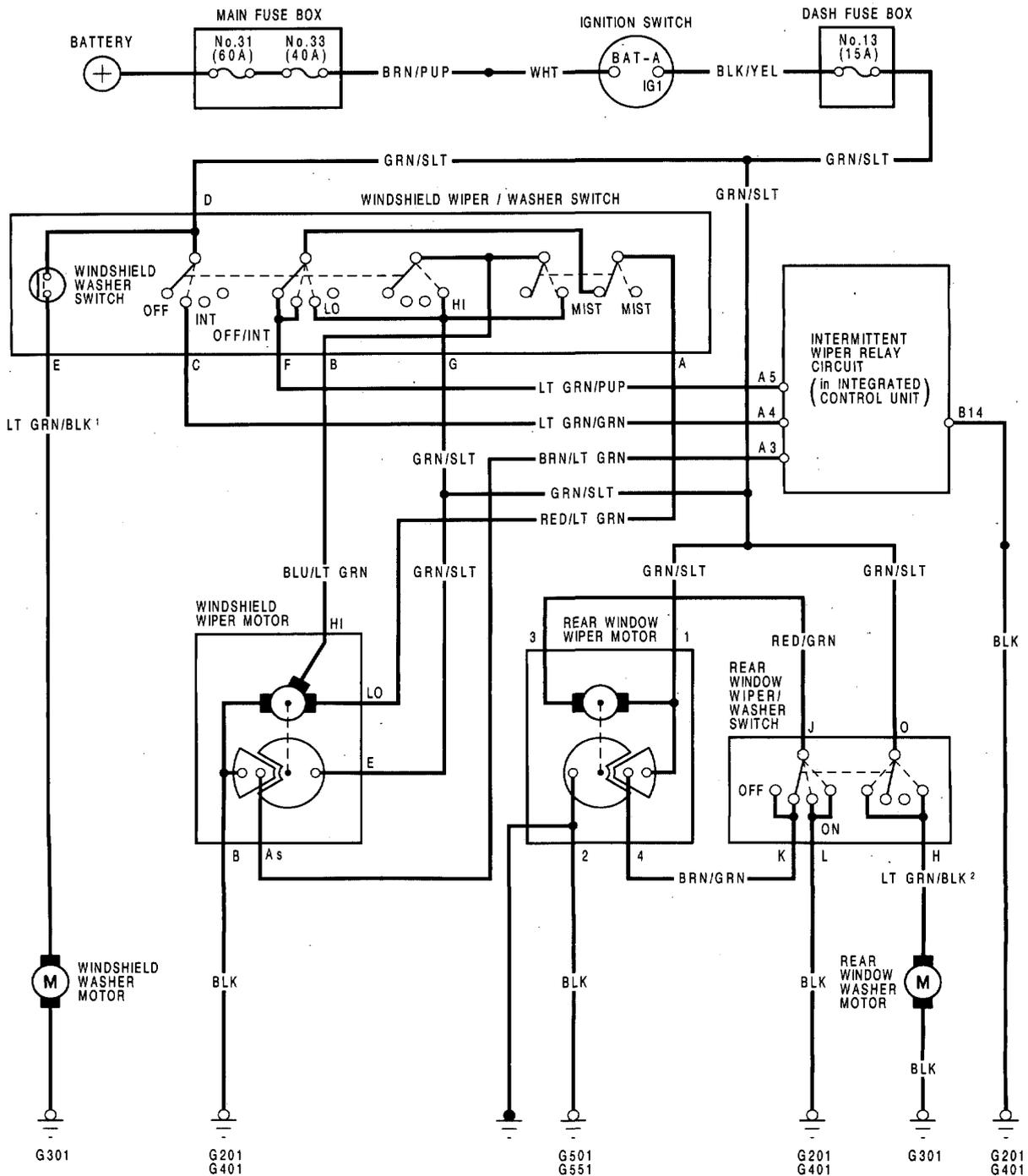
Component Location Index





Circuit Diagram

NOTE: Several different wires have the same color. They have been given a number suffix to distinguish them (for example LT GRN/BLK¹ and LT GRN/BLK² are not the same).



Wipers/Washers

Troubleshooting

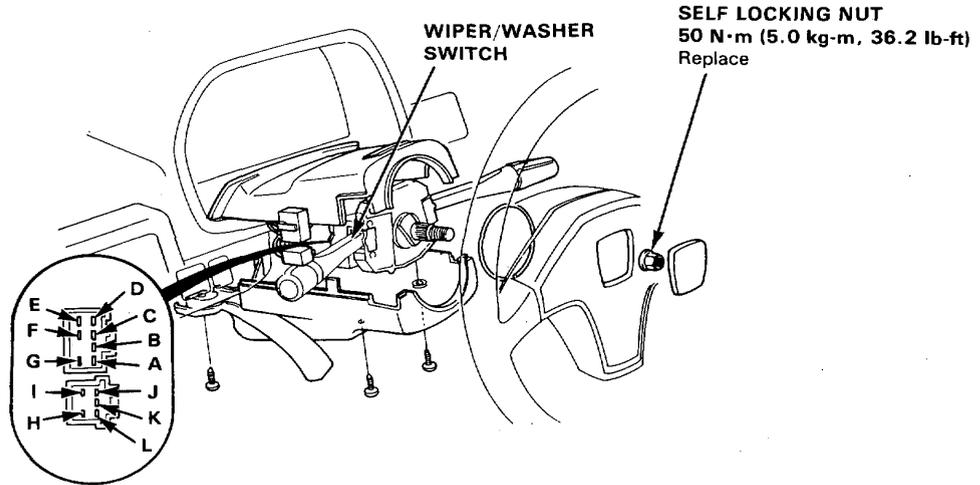
NOTE: The numbers in the table show the troubleshooting sequence.

Items to be inspected		Blown No. 13 (15A) fuse (in the dash fuse box)	Wiper switch	Wiper motor Assembly		Washer switch	Washer motor	Intermittent wiper relay circuit (in the integrated control unit)	Insufficient washer fluid in reservoir	Disconnected, blocked washer hose or clogged outlet	Disconnected wiper linkages	Poor ground	Open circuit in wires, loose or disconnected terminals
				Front	Rear								
Front wiper does not operate.	In all positions	1	4	2							3	G201 G401	GRN/SLT
	In INT		1					2					GRN ¹ , BLU/WHT ¹
	In LO or HI		1										
	In MIST		1										
Rear window wiper does not operate.			1		2							G551	GRN/BLK ¹ , LT GRN/BLK
Blades do not return to park position when wipers are turned OFF.	Front wiper		2	1									BRN/LT GRN
	Rear wiper				1								BRN/GRN
Erratic intermittent cycle or wipers do not operate intermittently.			1					2					
Little or no washer fluid is pumped.						4	3		1	2		G301	LT GRN/BLK ¹ , LT GRN/BLK ²



Wiper/Washer Switch Test

1. Remove the steering wheel and the column covers.
2. Disconnect 8-P and 6-P connectors from the switch.
3. Check for continuity between the terminal in each switch position according to the table.



Windshield

Terminal	A	B	C	D	E	F	G
Position							
OFF	○			○		○	
INT	○		○	○		○	
LO	○						○
HI		○					○
Mist Switch "ON"		○					○
Washer Switch "ON"				○	○		

Rear Window

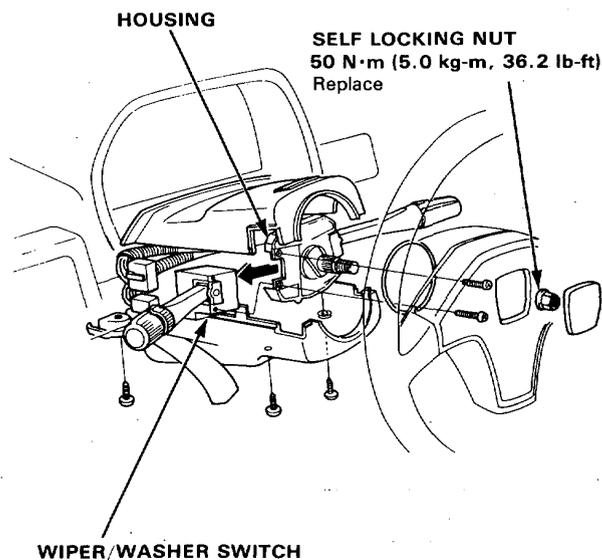
Terminal	H	I	J	K	L
Position					
Washer Switch "ON"	○	○			
OFF			○	○	
ON			○		○
Washer Switch "ON"	○	○			

Wipers/Washers

Wiper/Washer Switch Replacement

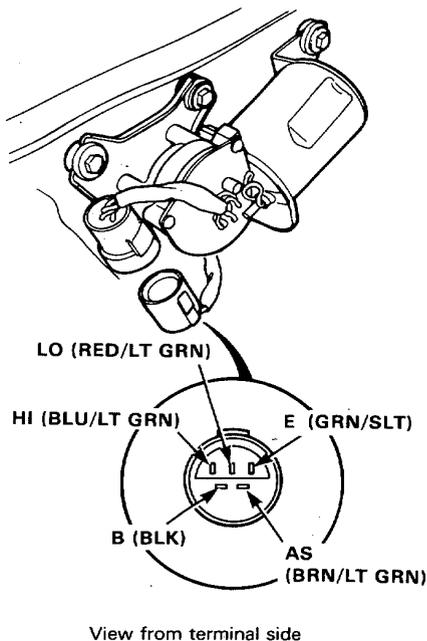
1. Remove the steering wheel and the lower and upper covers from the steering column.
2. Disconnect the 8-P and 6-P connectors from the wiper/washer switch.
3. Remove the 2 screws and slide the wiper/washer switch out of the housing as shown.

NOTE: Be careful not to damage the steering wheel cover.



Windshield Wiper Motor Test

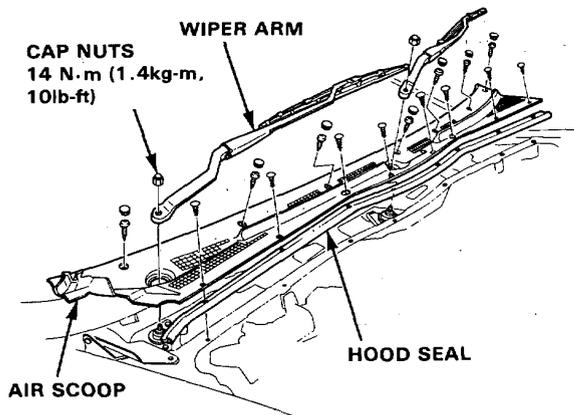
1. Disconnect the 5-P (or the 6-P) connector of the wiper motor assembly.
2. Test motor operation :
LOW SPEED: Connect battery positive to the Lo (RED/LT GRN) terminal and negative to the B (BLK) terminal.
HIGH SPEED: Connect battery positive to the Hi (BLU/LT GRN) terminal and negative to the B (BLK) terminal.
3. If the motor fails to run smoothly, replace it.



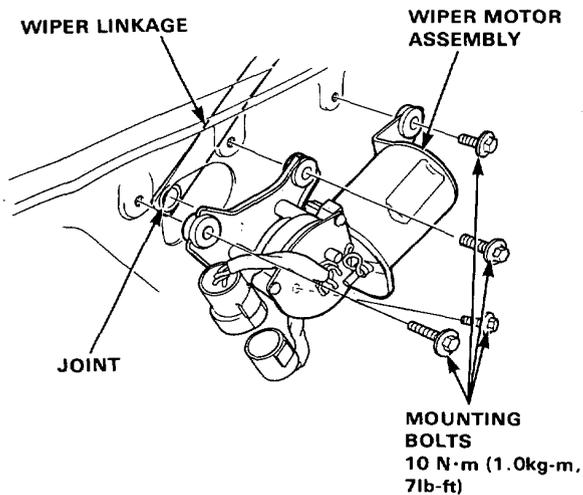


Windshield Wiper Motor Replacement

1. Remove the cap nuts and the wiper arms.
2. Remove the hood seal and air scoop by prying off the trim clips and removing the screws.



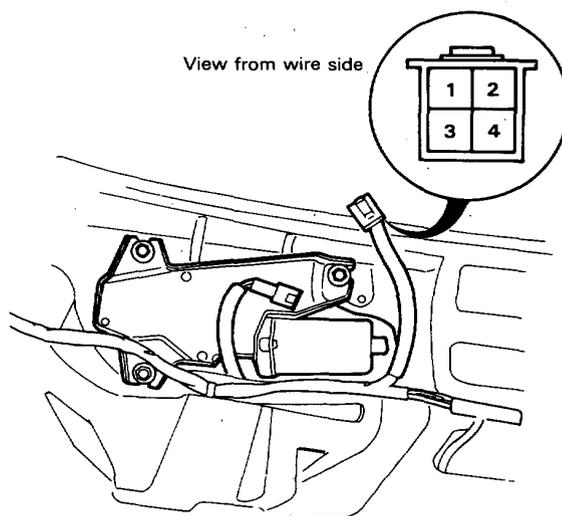
3. Pry the wiper linkage off the motor arm with a screw driver.
4. Disconnect the 5-P connector from the wiper motor assembly, then remove the 4 mounting bolts and the wiper motor assembly.



5. Install the wiper motor assembly in the reverse order of removal.

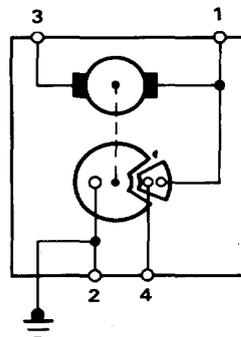
Rear Window Wiper Motor Test

1. Remove the hatch trim panel.
2. Disconnect the 4-P connector.
3. Test wiper motor operation by connecting battery positive wire to the No.2 terminal and negative to the No.4 terminal.
4. If the motor fails to run smoothly, replace it.



5. Check for continuity between the terminals according to the table.

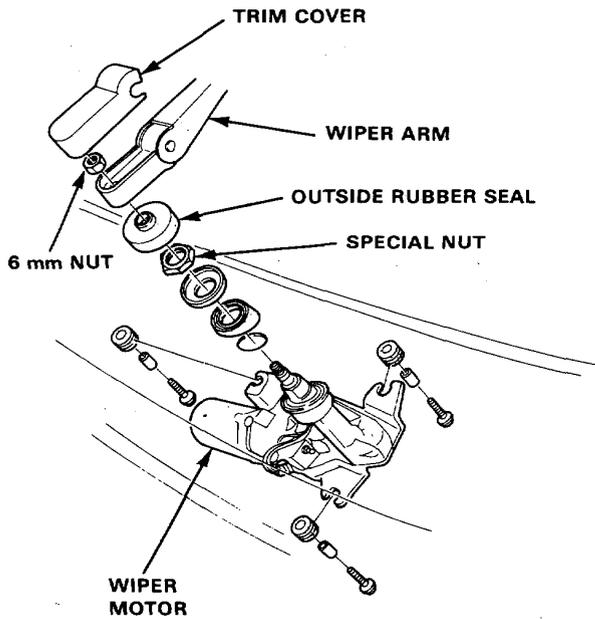
Terminal	1	2	3
Wiper Blade			
At park position		○	○
At center position	○		○



Wipers/Washers

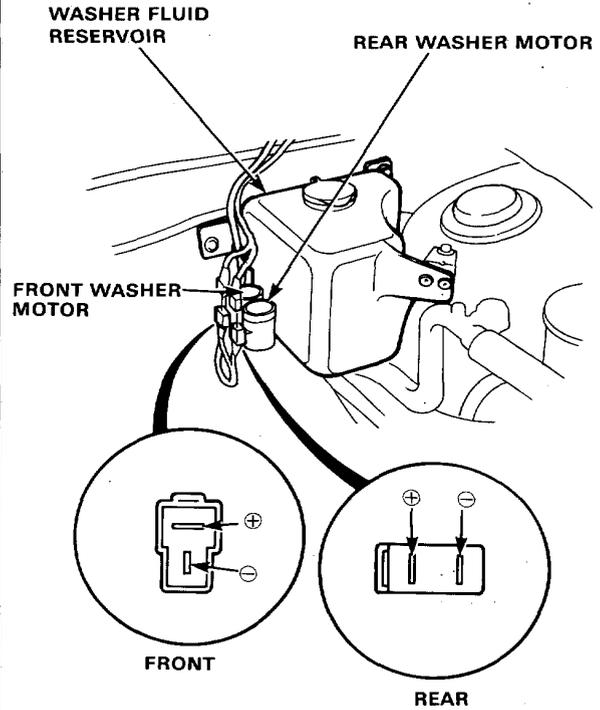
Rear Window Wiper Motor Replacement

1. Remove the hatch trim panel.
2. Remove the trim cover, 6 mm nut, wiper arm, and the outside seal rubber.
3. Disconnect the 4-P connector from the wiper motor.
4. Remove the 3 mount bolts and the wiper motor.



Washer Motor Test

1. Disconnect the 2-P connector from the washer motor.
2. Test either washer motor operation by connecting battery positive to the ⊕ terminal and negative to the ⊖ terminal.



- If the motor fails to run smoothly, replace it.
- If the motor runs smoothly but little or no washer fluid is pumped, check for disconnected or blocked washer-hose, or clogged pump outlet in the motor.



Washer Replacement

1. Remove the washer reservoir: by removing the 3 mount bolts and 1 nut.
2. Disconnect the hoses and the 2-P connectors from the front and the rear washer motors.
3. Remove the washer nozzles by releasing the retaining pawls and pushing them out from the underside.
(Rear window washer nozzle: Remove the rear spoiler)

NOTE :

- Clamp the hoses with the wire harness in the left front fender.
- Take care not to pinch hoses during reinstallation.
- Install the grommets firmly.
- After installation, adjust the washer nozzles.

