

Road Test

NOTE: Warm up the engine to operating temperature.

D₄ and **D₃** Range

1. Apply parking brake and block the wheels. Start the engine, then move the selector lever to **D₄** while depressing the brake pedal. Depress the accelerator pedal, and release it suddenly. Engine should not stall.
2. Check that the shift points occur at approximate speeds shown. Also check for abnormal noise and clutch slippage.
3. Apply parking brake and block the wheels. Start the engine, then move the selector lever to **D₃** while depressing the brake pedal. Depress the accelerator pedal, and release it suddenly. Engine should not stall.

U.S. Model

D₄ range

• Upshift

		1st—2nd	2nd—3rd	3rd—4th	Lock up Clutch ON
0.5/8 throttle * Coasting down-hill from a stop	km/h	5.6—7.5	9.6—11.8	14.3—17.1	10.3—12.4
	mph	9—12	15.5—19	23—27.5	16.5—20
3.5/8 throttle * Acceleration from a stop	km/h	15.5—18	22.4—25.8	31.7—35.4	44.4—47.8
	mph	25—29	36—41.5	51—57	71.5—77
Full-throttle Acceleration from a stop	km/h	23—26.4	40.4—45.7	61.5—68.4	62.8—69.6
	mph	37—42.5	65—73.5	99—110	101—112

• Downshift

		Lock up Clutch OFF	4th—3rd	3rd—2nd	2nd—1st
0.5/8 throttle * Coasting or braking to a stop	km/h	9.6—11.8	10.9—13	—	4.7—6.8
	mph	15.5—19	17.5—21	—	7.5—11
3.5/8 throttle * When car is slowed by increased grade, wind, etc.	km/h	36.4—39.8	—	—	—
	mph	58.5—64	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	59.7—66.2	52.8—59.3	33.6—37.9	15.5—19
	mph	96—106.5	85—95.5	54—61	25—30.5

CANADA model:

D₄ range

• Upshift

		1st—2nd	2nd—3rd	3rd—4th	Lock up Clutch ON
0.5/8 throttle * Coasting down-hill from a stop	km/h	5.6—7.5	9.6—11.8	14.3—17.1	10.3—12.4
	mph	9—12	15.5—19	23—27.5	16.5—20
3.5/8 throttle * Acceleration from a stop	km/h	12.7—15.2	23.6—27	33.9—37.6	44.4—47.8
	mph	20.5—24.5	38—43.5	54.5—60.5	71.5—77
Full-throttle Acceleration from a stop	km/h	23.6—27	42.3—47.5	62.6—71.5	65.9—72.7
	mph	38—43.5	68—76.5	104—115	106—117

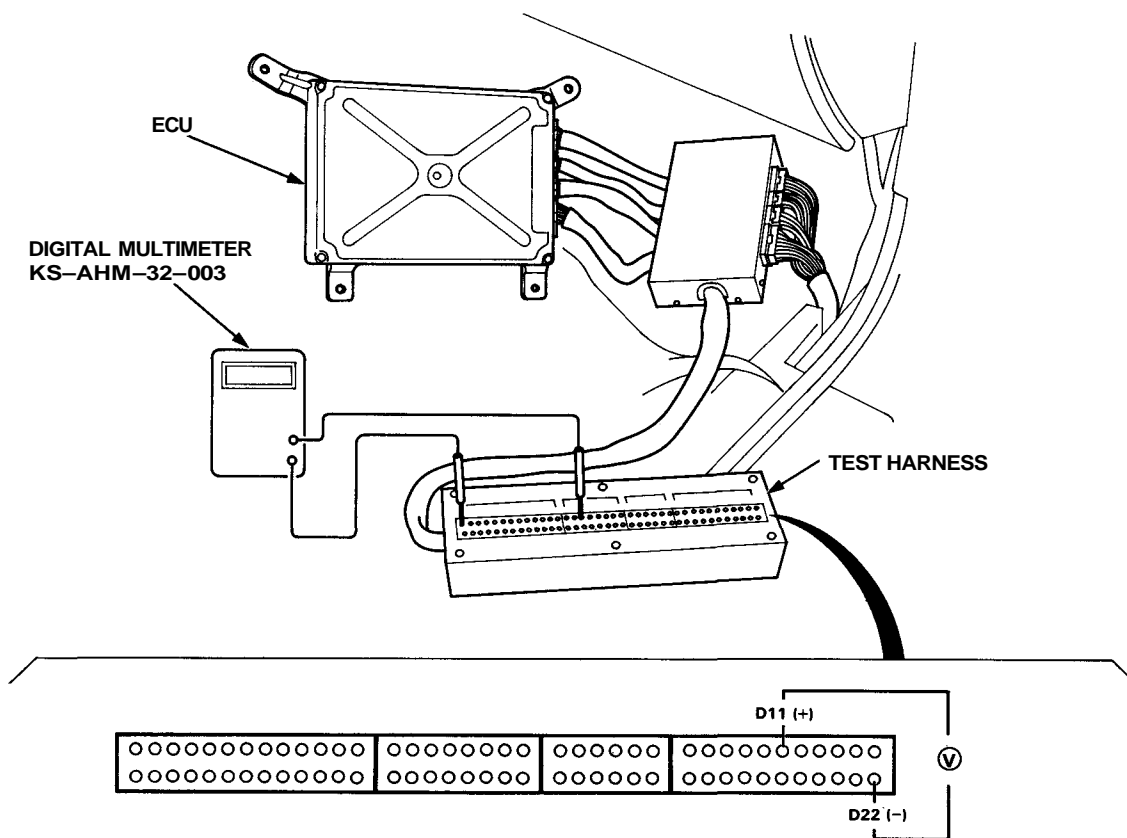
• Downshift

		Lock up Clutch OFF	4th—3rd	3rd—2nd	2nd—1st
0.5/8 throttle * Coasting or braking to a stop	km/h	9.6—11.8	10.9—13	—	4.7—6.8
	mph	15.5—19	17.5—21	—	7.5—11
3.5/8 throttle * When car is slowed by increased grade, wind, etc.	km/h	36.4—39.8	—	—	—
	mph	58.5—64	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	62.8—69.3	55.3—61.8	35.4—39.8	16.8—20.2
	mph	101—111.5	89—99.5	57—64	27—32.5



NOTE:

- Connect the ECU Test Harness.
- Set the digital multimeter to check voltage between D11 (+) terminal and D22 (–) terminal for the throttle angle sensor.
- At 0.5/8 throttle, voltage is 0.822 — 0.878 V.
- At 3.5/8 throttle, voltage is 2.175 — 2.325 V.



4. Accelerate to about 35 mph (57 km/h) so the transmission is in 4th, then shift **D4** to **2**. The car should immediately begin slowing down from engine braking.

CAUTION: Do not shift from **D4** or **D3** to **2** or **1** at speeds over 62.5 mph (100 km/h); you may damage the transmission.

1 (1st Gear)

1. Accelerate from a stop at full throttle. Check that there is no abnormal noise or clutch slippage.
2. Upshifts and downshifts should not occur with the selector in this position.

2 (2nd Gear)

1. Accelerate from a stop at full throttle. Check that there is no abnormal noise or clutch slippage.
2. Upshifts and downshifts should not occur with the selector in this position.

R (Reverse)

Accelerate from a stop at full throttle, and check for abnormal noise and clutch slippage.

P (Park)

Park car on slope (approx. 16°), apply the parking brake, and shift into Park. Release the brake; the car should not move.