

# Road Test

NOTE: After transmission is installed:

- Make sure the floor mat does not interfere with accelerator pedal travel. Fully depress accelerator pedal and check to make sure the throttle lever is fully opened.
- Release the accelerator pedal and check both inner control cables to be sure they have slight play.

Warm up the engine to operating temperature.

## **D** and **S** Range

1. Apply parking brake and block the wheels. Start the engine, then move the selector to **D** while depressing the brake pedal. Depress the accelerator pedal, and release it suddenly. Engine should not stall.
2. Check that 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 **S** while depressing the brake pedal. Depress the accelerator pedal, and release it suddenly. Engine should not stall.

### • Upshift

<b>D</b>		1st–2nd	2nd–3rd	3rd–4th	LC.ON
1/12 throttle Coasting down-hill from a stop	km/h	15–19	25–30	37–44	62–66
	mph	9–12	15.5–19	23–27.5	39–41
7/16 throttle Acceleration from a stop	km/h	27–33	49–57	96–105	92–96
	mph	17–20.5	30–35	60–65	57–60
Full-throttle Acceleration from a stop	km/h	56–64	100–113	157–174	145–149
	mph	35–40	62–70	98–108	90–93

### **S** (with S4 switch in operation)

<b>S</b>		1st–2nd	2nd–3rd	3rd–4th	LC.ON
1/12 throttle Coasting down-hill from a stop	km/h	20–24	33–38	47–54	62–66
	mph	12.4–15	20.5–24	29–33.5	39–41
7/16 throttle Acceleration from a stop	km/h	36–42	61–69	93–102	106–110
	mph	22–26	38–43	58–63	66–68
Full-throttle Acceleration from a stop	km/h	56–64	100–113	157–174	145–149
	mph	35–40	62–70	98–108	90–92.6

### • Downshift

<b>D</b>		LC.OFF	4th–3rd	3rd–2nd	2nd–1st
1/12 throttle Coasting or braking to a stop	km/h	58–62	20–25	—	8–13
	mph	36–39	12.4–15.5	—	4.9–8
7/16 throttle When car is slowed by increased grade, wind, etc.	km/h	78–82	—	—	—
	mph	48–51	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	143–147	141–157	77–88	41–49
	mph	89–91	88–98	48–55	25–30.5

### **S** (with S4 switch in operation)

<b>S</b>		LC.OFF	4th–3rd	3rd–2nd	2nd–1st
1/12 throttle Coasting or braking to a stop	km/h	58–62	20–25	—	8–13
	mph	36–39	12.4–15.5	—	4.9–8
7/16 throttle When car is slowed by increased grade, wind, etc.	km/h	85–89	—	—	—
	mph	53–55.3	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	143–147	141–157	88–99	45–53
	mph	89–91	88–98	55–61.5	28–33



**KX only**

• **Upshift**

		1st–2nd	2nd–3rd	3rd–4th	LC.ON	
<b>D</b>	1/12 throttle	km/h	15–19	25–30	37–44	62–66
	Coasting down-hill from a stop	mph	9–12	15.5–19	23–27.5	39–41
7/16 throttle	Acceleration from a stop	km/h	27–33	49–57	66–75	92–96
		mph	17–20.5	30–35	41–46.6	57–60
Full-throttle	Acceleration from a stop	km/h	56–64	107–120	157–174	145–149
		mph	35–40	66.5–74.6	98–108	90–93

<b>S</b> (with S4 switch in operation)		1st–2nd	2nd–3rd	3rd–4th	LC.ON	
1/12 throttle	Coasting down-hill from a stop	km/h	20–24	33–38	47–54	62–66
		mph	12.4–15	20.5–24	29–33.5	39–41
7/16 throttle	Acceleration from a stop	km/h	36–42	61–69	93–102	106–110
		mph	22–26	38–43	58–63	66–68
Full-throttle	Acceleration from a stop	km/h	56–64	100–113	157–174	145–149
		mph	35–40	62–70	98–108	90–92.6

• **Downshift**

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1/12 throttle	Coasting or braking to a stop	km/h	58–62	20–25	8–13	
		mph	36–39	12.4–15.5	4.9–8	
7/16 throttle	When car is slowed by increased grade, wind, etc.	km/h	78–82	—	—	
		mph	48–51	—	—	
Full-throttle	When car is slowed by increased grade, wind, etc.	km/h	143–147	141–157	77–88	41–49
		mph	89–91	88–98	48–55	25–30.5

<b>S</b> (with S4 switch in operation)		LC.OFF	4th–3rd	3rd–2nd	2nd–1st	
1/12 throttle	Coasting or braking to a stop	km/h	58–62	20–25	8–13	
		mph	36–39	12.4–15.5	4.9–8	
7/16 throttle	When car is slowed by increased grade, wind, etc.	km/h	85–89	51–56	—	
		mph	53–55.3	32–35	—	
Full-throttle	When car is slowed by increased grade, wind, etc.	km/h	143–147	141–157	88–99	45–53
		mph	89–91	88–98	55–61.5	28–33

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

**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 range.

**R** (Reverse)

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

**P** (Park)

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