

# Road Test

NOTE: Warm up the engine to operating temperature.

1. Apply parking brake and block the wheels. Start the engine, then move the selector lever to **D<sub>4</sub>** while depressing the brake pedal. Depress the accelerator pedal, and release it suddenly. Engine should not stall.
2. Repeat same test in **D<sub>3</sub>** position.
3. Shift the selector lever to **D<sub>4</sub>** position and check that the shift points occur at approximate speeds shown. Also check for abnormal noise and clutch slippage.

F20A8, F22A3, and F22A8 Engines

**D<sub>4</sub>** Position: Normal Mode (S switch OFF)

## ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	21–24	42–45	58–64	23–27
	mph	13–15	26–28	36–40	14–17
3.5/8 throttle Acceleration from a stop	km/h	27–34	56–63	87–97	97–105
	mph	17–21	35–39	54–60	60–65
Full-throttle Acceleration from a stop	km/h	48–56	108–114	151–164	130–138
	mph	30–35	67–71	94–102	81–86

## ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	21–26	29–35	—	(3rd→1st) 10–16
	mph	13–16	18–22	—	(3rd→1st) 6–10
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	77–85	—	—	—
	mph	48–53	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	127–135	126–135	85–94	40–48
	mph	79–84	78–84	53–59	25–30

**D<sub>4</sub>** Position: S Mode (S switch ON)

## ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	18–21	42–45	77–84	40–45
	mph	11–13	26–28	48–52	25–28
3.5/8 throttle Acceleration from a stop	km/h	27–34	77–84	113–122	121–129
	mph	17–21	48–52	70–76	75–80
Full-throttle Acceleration from a stop	km/h	48–56	108–114	154–164	138–146
	mph	30–35	67–71	96–102	86–91

## ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	40–45	29–35	—	(3rd→1st) 10–16
	mph	25–28	18–22	—	(3rd→1st) 6–10
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	95–103	—	—	—
	mph	59–64	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	127–135	126–135	86–98	40–48
	mph	79–84	78–84	55–61	25–30



# F20A5 (except KB other) and F22A2 Engines

**D4** Position: Normal Mode (S switch OFF)

## ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	14–18	27–31	40–46	17–21
	mph	9–11	17–19	25–29	11–13
3.5/8 throttle Acceleration from a stop	km/h	28–34	53–59	74–82	97–104
	mph	17–21	33–37	46–51	60–65
Full-throttle Acceleration from a stop	km/h	42–49	102–110	149–158	130–138
	mph	26–30	63–68	93–98	81–86

## ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	15–21	26–32	—	(3rd→1st) 9–15
	mph	9–13	16–20	—	(3rd→1st) 6–9
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	89–96	—	—	—
	mph	55–60	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	126–134	124–133	85–94	39–46
	mph	78–83	77–83	53–58	24–29

**D4** Position: S Mode (S switch ON)

## ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	17–21	39–43	77–83	36–40
	mph	11–13	24–27	48–52	22–25
3.5/8 throttle Acceleration from a stop	km/h	37–43	72–78	106–114	122–129
	mph	23–27	45–48	66–71	76–80
Full-throttle Acceleration from a stop	km/h	43–50	102–110	149–158	130–138
	mph	27–31	63–68	93–98	81–86

## ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	35–40	31–37	—	(3rd→1st) 11–17
	mph	22–25	19–23	—	(3rd→1st) 7–11
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	107–114	—	—	—
	mph	66–71	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	126–134	124–133	85–94	39–46
	mph	78–83	77–83	53–58	24–29

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# Road Test

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## F22A9 Engine

**D4** Position: Normal Mode (S switch OFF)

### ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	21–24	42–45	58–64	23–27
	mph	13–15	26–28	36–40	14–17
3.5/8 throttle Acceleration from a stop	km/h	27–34	56–63	87–97	97–105
	mph	17–21	35–39	54–60	60–65
Full-throttle Acceleration from a stop	km/h	48–56	101–109	151–161	135–143
	mph	30–35	63–68	94–100	84–89

### ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	21–26	29–35	—	(3rd→1st) 10–16
	mph	13–16	18–22	—	(3rd→1st) 6–10
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	77–85	—	—	—
	mph	48–53	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	129–137	126–135	85–95	40–48
	mph	80–85	78–84	53–59	25–30

**D4** Position: S Mode (S switch ON)

### ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	18–21	39–42	61–68	37–42
	mph	11–13	24–26	38–42	23–26
3.5/8 throttle Acceleration from a stop	km/h	27–34	66–72	100–109	111–119
	mph	17–21	41–45	62–68	69–74
Full-throttle Acceleration from a stop	km/h	48–56	101–109	154–164	143–151
	mph	30–35	63–68	96–102	89–94

### ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	35–40	29–35	—	(3rd→1st) 10–16
	mph	22–25	18–22	—	(3rd→1st) 6–10
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	84–92	—	—	—
	mph	52–57	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	129–137	126–135	89–98	40–48
	mph	80–85	78–84	55–61	25–30



# F22A6 Engine

**D4** Position: Normal Mode (S switch OFF)

## ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	21–24	42–45	58–64	23–27
	mph	13–15	26–28	36–40	14–17
3.5/8 throttle Acceleration from a stop	km/h	27–34	56–63	87–97	97–105
	mph	17–21	35–39	54–60	60–65
Full-throttle Acceleration from a stop	km/h	48–56	101–109	151–161	135–143
	mph	30–35	63–68	94–100	84–89

## ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	21–26	26–32	—	(3rd→1st) 10–16
	mph	13–16	16–20	—	(3rd→1st) 6–10
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	77–85	—	—	—
	mph	48–53	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	129–137	126–135	85–95	40–48
	mph	80–85	78–84	53–59	25–30

**D4** Position: S Mode (S switch ON)

## ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	18–21	39–42	61–68	37–42
	mph	11–13	24–26	38–42	23–26
3.5/8 throttle Acceleration from a stop	km/h	27–34	66–72	100–109	111–119
	mph	17–21	41–45	62–68	69–74
Full-throttle Acceleration from a stop	km/h	48–56	101–109	154–164	143–151
	mph	30–35	63–68	96–102	89–94

## ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	35–40	26–32	—	(3rd→1st) 10–16
	mph	22–25	16–20	—	(3rd→1st) 6–10
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	84–92	—	—	—
	mph	52–57	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	129–137	126–135	89–98	40–48
	mph	80–85	78–84	55–61	25–30

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# Road Test

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F20A5 Engine: KB other

## ● Upshift

		1st→2nd	2nd→3rd	3rd→4th	Lock-up Clutch ON
0.7/8 throttle Coasting down-hill from a stop	km/h	14–18	27–31	40–46	17–21
	mph	9–11	17–19	25–29	11–13
3.5/8 throttle Acceleration from a stop	km/h	28–34	53–59	74–82	97–104
	mph	17–21	33–37	46–51	60–65
Full-throttle Acceleration from a stop	km/h	42–49	102–110	149–158	130–138
	mph	26–30	63–68	93–98	81–86

## ● Downshift

		Lock-up Clutch OFF	4th→3rd	3rd→2nd	2nd→1st
0.7/8 throttle Coasting or braking to a stop	km/h	15–21	26–32	—	(3rd→1st) 9–15
	mph	9–13	16–20	—	(3rd→1st) 6–9
3.5/8 throttle When car is slowed by increased grade, wind, etc.	km/h	89–96	—	—	—
	mph	55–60	—	—	—
Full-throttle When car is slowed by increased grade, wind, etc.	km/h	126–134	124–133	85–94	39–46
	mph	78–83	77–83	53–58	24–29

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.