

Automatic Transmission

Road Test 9-2

NOTE: Refer to following shop manuals for service procedures.

On-car service of the automatic transmission	ACCORD CHASSIS Maintenance and Repair (62SM400) Automatic Transmission PX4B (Fuel-Injected Engine) ACCORD SUPPLEMENT 92 (62SM422) Automatic Transmission (Fuel-Injected Engine)
Automatic transmission service	PX4B AUTOMATIC TRANSMISSION Maintenance and Repair (62PX400) • PX4B Automatic Transmission B type • Differential ACCORD SUPPLEMENT 92 (62SM422) Automatic Transmission (Fuel-Injected Engine)



SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

The ACCORD COUPE includes a driver's side airbag, located in the steering wheel hub, as part of a Supplemental Restraint System (SRS Type I). Information necessary to safely service the SRS is included in 92 ACCORD shop manual (P/N 62SM422). Servicing, disassembling or replacing these items will require special precautions and tools, and should therefore be done only by an authorized HONDA dealer.

Outline of Model Change

The ACCORD COUPE has been added.

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 **[D₄]** while depressing the brake pedal. Depress the accelerator pedal, and release it suddenly. Engine should not stall.
2. Repeat same test in **[D₃]** position.
3. Shift the selector lever to **[D₄]** position and check that the shift points occur at approximate speeds shown. Also check for abnormal noise and clutch slippage.

[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	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

[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	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



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.