

AUTOMATIC TRANSMISSION (A340F)

Specifications

Line pressure										
Engine idling	D range	363 – 422 kPa	3.7 – 4.3 kgf/cm ²	53 – 61 psi						
	R range	490 – 588 kPa	5.0 – 6.0 kgf/cm ²	71 – 85 psi						
At stall	D range	932 – 1,177 kPa	9.5 – 12.0 kgf/cm ²	135 – 171 psi						
	R range	1,294 – 1,638 kPa	13.2 – 16.7 kgf/cm ²	188 – 238 psi						
Engine stall revolution		2,200 ± 150 rpm								
Time lag	N range → D range	Less than 1.2 seconds								
	N range → R range	Less than 1.5 seconds								
Engine idling speed (A/C OFF)		N range 800 rpm								
Throttle cable adjustment										
Throttle valve fully opened		Between boot end face and inner cable stopper								
		0 – 1 mm						0 – 0.04 in.		
Torque converter sleeve runout		Limit	0.30 mm						0.0118 in.	
Torque converter installation distance			20.0 mm						0.787 in.	
Drive plate runout			0.20 mm						0.0079 in.	
Shift point km/h (mph)			Throttle valve fully open [] Fully closed							
			1 → 2	2 → 3	3 → O/D	[3 → O/D]	[O/D → 3]	O/D → 3	3 → 2	2 → 1
	D range	NORM	44–48 (27–30)	93–99 (58–61)	134–141 (83–87)	35–39 (22–24)	21–25 (13–16)	128–135 (79–84)	87–94 (54–58)	40–43 (25–27)
		PWR	47–51 (29–32)	93–99 (58–61)	148–155 (92–96)	50–53 (31–33)	21–25 (13–16)	143–149 (89–92)	87–94 (54–58)	41–45 (25–28)
	2 range	NORM PWR	43–46 (27–29)	103–109 (64–68)	–	–	–	–	97–103 (60–64)	38–42 (24–26)
L range	NORM PWR	–	–	–	–	–	–	82–89 (51–55)	47–51 (29–32)	
Lock-up point km/h (mph)			Throttle valve opening 5%							
			Lock-up ON			Lock-up OFF				
			2nd	*3rd	O/D	2nd	*3rd	O/D		
	D range	NORM	–	41–45 (25–28)	59–63 (37–39)	–	38–42 (24–26)	55–59 (34–37)		
		PWR	–	55–59 (34–37)	75–79 (47–49)	–	50–53 (31–33)	70–73 (43–45)		
* O/D switch OFF										

Torque Specifications

(Refer to the A340E automatic transmission)