

AUTOMATIC TRANSMISSION (A43D)

Specifications

| | | | | | | | |
|---|---|------------------------|---|---------------------------------|-------------------------------|----------------------|----------------------|
| Line pressure | | | | | | | |
| Engine idling | D range | | 427 - 481 kPa | 4.3 - 4.9 kgf/cm ² | 61 - 70 psi | | |
| | | R range | 510 - 608 kPa | 5.2 - 6.2 kgf/cm ² | 74 - 88 psi | | |
| At stall (Throttle valve fully opened) | D range | | 1,118 - 1,363 kPa | 11.4 - 13.9 kgf/cm ² | 162 - 198 psi | | |
| | | R range | 1,373 - 1,716 kPa | 14.0 - 17.5 kgf/cm ² | 199 - 249 psi | | |
| Engine stall revolution | | | 1,900 ± 150 rpm | | | | |
| Time lag | N range → | D range | Less than 1.2 seconds | | | | |
| | N range → | R range | Less than 1.5 seconds | | | | |
| Engine idle speed (A/C OFF) | | N range | 750 rpm | | | | |
| Governor pressure (Vehicle speed reference) | | | | | | | |
| Output shaft rpm | Tire size | | | | | | |
| | (P195/75R14) | (P205/75R14) | | | | | |
| | 1,000 | 32 km/h (20 mph) | 32 km/h (20 mph) | 88 - 147 kPa | 0.9 - 1.5 kgf/cm ² | 13 - 21 psi | |
| | 1,800 | 57 km/h (35 mph) | 58 km/h (36 mph) | 157 - 216 kPa | 1.6 - 2.2 kgf/cm ² | 23 - 31 psi | |
| 3,500 | 111 km/h (69 mph) | 113 km/h (70 mph) | 402 - 520 kPa | 4.1 - 5.3 kgf/cm ² | 58 - 75 psi | | |
| 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 | | Limit | 0.20 mm | 0.0079 in. | | | |
| Shift point km/h (mph) | Throttle valve fully open [] Fully closed | | | | | | |
| | D range (2 range) | | | | | | L range |
| | 1 → 2 | 2 → 3 | [3 → O/D] | O/D → 3 | 3 → 2 | 2 → 1 | 2 → 1 |
| | 57 - 73 (35 - 45) | 106 - 124 (66 - 77) | 38 - 52 (24 - 32) | * | 95 - 112 (59 - 70) | 36 - 49 (22 - 30) | 46 - 62 (29 - 39) |
| | * O/D → 3 down-shift is possible up to maximum speed. | | | | | | |

Torque Specifications

| Part tightened | N·m | kgf·cm | ft·lbf | |
|---------------------------------------|------|--------|------------|------------|
| Oil cooler pipe union nut | 34 | 350 | 25 | |
| Torque converter x Drive plate | 27 | 280 | 20 | |
| Drive plate x Crankshaft | 83 | 850 | 61 | |
| Extension housing x Transmission case | 34 | 345 | 25 | |
| Center support x Transmission case | 25 | 260 | 19 | |
| Parking lock pawl bracket | 7.4 | 75 | 65 in.·lbf | |
| Valve body x Transmission case | 10 | 100 | 7 | |
| Throttle cam | 7.4 | 75 | 65 in.·lbf | |
| Oil strainer | 5.4 | 55 | 48 in.·lbf | |
| Oil pan | 4.4 | 45 | 39 in.·lbf | |
| Governor body | 3.9 | 40 | 35 in.·lbf | |
| Overdrive solenoid | 13 | 130 | 9 | |
| Control shaft lever | 6.9 | 70 | 61 in.·lbf | |
| Cooler union | 34 | 350 | 25 | |
| Neutral start switch | | | | |
| | Bolt | 5.4 | 55 | 48 in.·lbf |
| | Nut | 3.9 | 40 | 35 in.·lbf |