

TRANSFER (VF3AM)

SS086-03

SERVICE DATA

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| Transfer unit | | |
| Hose insertion depth | | 13 mm (0.51 in.) or more |
| Oil pump body | | |
| Body clearance | STD | 0.09 - 0.16 mm (0.0035 - 0.0063 in.) |
| | Max. | 0.16 mm (0.0063 in.) |
| Tip clearance | STD | 0.05 - 0.15 mm (0.0020 - 0.0059 in.) |
| | Max. | 0.15 mm (0.0059 in.) |
| Side clearance | STD | 0.03 - 0.10 mm (0.0012 - 0.0039 in.) |
| | Max. | 0.10 mm (0.0039 in.) |
| Rear output shaft | | |
| Drive sprocket thrust clearance | STD | 0.10 - 0.25 mm (0.0039 - 0.0098 in.) |
| | Max. | 0.25 mm (0.0098 in.) |
| Drive sprocket radial clearance | STD | 0.01 - 0.06 mm (0.0004 - 0.0024 in.) |
| | Max. | 0.06 mm (0.0024 in.) |
| No. 2 shift fork claw thickness | | 11.85 mm (0.4665 in.) |
| High and low clutch sleeve groove distance | | 12.00 mm (0.4724 in.) |
| No. 2 shift fork to high and low clutch sleeve clearance | STD | 0.15 - 0.35 mm (0.0059 - 0.138 in.) |
| | Max. | 0.35 mm (0.138 in.) |
| Center differential lock fork claw thickness | | 10.2 mm (0.4016 in.) |
| Center differential lock sleeve groove distance | | 10.5 mm (0.4134 in.) |
| Center differential lock fork to center differential lock sleeve clearance | STD | 0.26 - 0.84 mm (0.0102 - 0.0331 in.) |
| | Max. | 0.84 mm (0.0331 in.) |
| No. 1 gear shift fork claw thickness | | 11.85 mm (0.4665 in.) |
| Front drive clutch sleeve groove distance | | 12.00 mm (0.4724 in.) |
| No. 1 gear shift fork to front drive clutch sleeve clearance | STD | 0.15 - 0.35 mm (0.0059 - 0.0138 in.) |
| | Max. | 0.35 mm (0.0138 in.) |
| Rear output shaft journal outer diameter | | |
| Part A | STD | 36.98 - 37.00 mm (1.4559 - 1.4567 in.) |
| | Min. | 36.98 mm (1.4559 in.) |
| Part B | STD | 27.98 - 27.99 mm (1.1016 - 1.1020 in.) |
| | Min. | 27.98 mm (1.1016 in.) |
| Center differential planetary gear radial clearance | STD | 0.01 - 0.04 mm (0.0004 - 0.0016 in.) |
| | Max. | 0.04 mm (0.0016 in.) |
| Center differential planetary gear backlash | STD | 0.01 - 0.04 mm (0.0004 - 0.0016 in.) |
| Center differential planetary gear thrust clearance | STD | 0.15 - 0.70 mm (0.0059 - 0.0276 in.) |
| | Max. | 0.70 mm (0.0276 in.) |
| Clutch hub snap ring thickness | Mark | |
| | K | 2.00 - 2.05 mm (0.0787 - 0.0807 in.) |
| | L | 2.05 - 2.10 mm (0.0807 - 0.0827 in.) |
| | A | 2.10 - 2.15 mm (0.0827 - 0.0846 in.) |
| | B | 2.15 - 2.20 mm (0.0846 - 0.0866 in.) |
| | C | 2.20 - 2.25 mm (0.0866 - 0.0886 in.) |
| | D | 2.25 - 2.30 mm (0.0886 - 0.0906 in.) |
| | E | 2.30 - 2.35 mm (0.0906 - 0.0925 in.) |
| | F | 2.35 - 2.40 mm (0.0925 - 0.0945 in.) |
| | G | 2.40 - 2.45 mm (0.0945 - 0.0965 in.) |
| | H | 2.45 - 2.50 mm (0.0965 - 0.0984 in.) |
| | J | 2.50 - 2.55 mm (0.0984 - 0.1004 in.) |

SERVICE SPECIFICATIONS - TRANSFER (VF3AM)

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| Input shaft | | |
| Input shaft journal outer diameter | Min. | 47.59 mm (1.8736 in.) |
| Input shaft bushing diameter | Max. | 39.14 mm (1.5409 in.) |
| Input gear stopper snap ring thickness | Mark | |
| | A | 2.10 - 2.15 mm (0.0827 - 0.0846 in.) |
| | B | 2.15 - 2.20 mm (0.0846 - 0.0866 in.) |
| | C | 2.20 - 2.25 mm (0.0866 - 0.0886 in.) |
| | D | 2.25 - 2.30 mm (0.0886 - 0.0906 in.) |
| | E | 2.30 - 2.35 mm (0.0906 - 0.0925 in.) |
| | F | 2.35 - 2.40 mm (0.0925 - 0.0945 in.) |
| | G | 2.40 - 2.45 mm (0.0945 - 0.0965 in.) |
| | H | 2.45 - 2.50 mm (0.0965 - 0.0984 in.) |
| | J | 2.50 - 2.55 mm (0.0984 - 0.1004 in.) |
| | K | 2.55 - 2.60 mm (0.1004 - 0.1024 in.) |
| | L | 2.60 - 2.65 mm (0.1024 - 0.1043 in.) |
| | M | 2.65 - 2.70 mm (0.1043 - 0.1063 in.) |
| | N | 2.70 - 2.75 mm (0.1063 - 0.1083 in.) |
| | P | 2.75 - 2.80 mm (0.1083 - 0.1102 in.) |
| | Q | 2.80 - 2.85 mm (0.1102 - 0.1122 in.) |
| | R | 2.85 - 2.90 mm (0.1122 - 0.1142 in.) |
| | S | 2.90 - 2.95 mm (0.1142 - 0.1161 in.) |
| | T | 2.95 - 3.00 mm (0.1161 - 0.1181 in.) |
| | U | 3.00 - 3.05 mm (0.1181 - 0.1201 in.) |
| Planetary gear | | |
| Pinion gear thrust clearance | STD | 0.11 - 0.84 mm (0.0043 - 0.0331 in.) |
| | Max. | 0.84 mm (0.0331 in.) |
| Pinion gear radial clearance | STD | 0.009 - 0.038 mm (0.0004 - 0.0015 in.) |
| | Max. | 0.038 mm (0.0015 in.) |
| Outer bearing snap ring thickness | Mark | |
| | 1 | 1.45 - 1.50 mm (0.0571 - 0.0591 in.) |
| | 2 | 1.50 - 1.55 mm (0.0591 - 0.0610 in.) |
| | 3 | 1.55 - 1.60 mm (0.0610 - 0.0630 in.) |
| | 4 | 1.60 - 1.65 mm (0.0630 - 0.0650 in.) |
| | 5 | 1.65 - 1.70 mm (0.0650 - 0.0669 in.) |
| Inner bearing press in depth | | 7.7 - 8.3 mm (0.0303 - 0.327 in.) |
| Oil seal | | |
| Shift fork shaft drive in depth | | -0.5 - 0.5 mm (-0.020 - 0.020 in.) |
| One touch 2-4 selector system | | |
| Motor actuator | | |
| 2-3 | STD resistance | 0.3 - 100 Ω |
| 2 or 3-body ground | STD resistance | More than 0.5 MΩ |