HYBRID TRANSAXLE

SERVICE DATA

031V4–01

Differential case side bearing preload	
(Starting torque)	New bearing: 0.98 to 1.57 N·m (9.99 to 16.01 kgf·cm, 8.67 to 13.90 in.·lbf) Reused bearing: 0.49 to 0.78 N·m (5.00 to 7.95 kgf·cm, 4.43 to 6.90 in.·lbf)
(Turning torque 20 rpm)	0.61 to 1.35 N·m (6.2 to 13.77 kgf·cm, 5.4 to 11.95 in.·lbf)
Differential preload adjusting shim thickness	
Mark 1	1.80 mm (0.0709 in.)
Mark 2	1.83 mm (0.0720 in.)
Mark 3	1.86 mm (0.0732 in.)
Mark 4	1.89 mm (0.0744 in.)
Mark 50	1.92 mm (0.0756 in.)
Mark 51	1.94 mm (0.0764 in.)
Mark 52	1.96 mm (0.0772 in.)
Mark 53	1.98 mm (0.0780 in.)
Mark 54	2.00 mm (0.0787 in.)
Mark 55	2.02 mm (0.0795 in.)
Mark 56	2.04 mm (0.0803 in.)
Mark 57	2.06 mm (0.0811 in.)
Mark 58	2.08 mm (0.0819 in.)
Mark 59	2.10 mm (0.0827 in.)
Mark 60	2.12 mm (0.0835 in.)
Mark 61	2.14 mm (0.0843 in.)
Mark 62	2.16 mm (0.0850 in.)
Mark 63	2.18 mm (0.0858 in.)
Mark 64	2.20 mm (0.0866 in.)
Mark 65	2.22 mm (0.0874 in.)
Mark 66	2.24 mm (0.0882 in.)
Mark 67	2.26 mm (0.0890 in.)
Mark 68	2.28 mm (0.0898 in.)
Mark 69	2.30 mm (0.0906 in.)
Mark 70	2.32 mm (0.0913 in.)
Mark 19	2.34 mm (0.0921 in.)
Mark 20	2.37 mm (0.0933 in.)
–	2.40 mm (0.0945 in.)
Mark 22	2.43 mm (0.0957 in.)
Mark 23	2.46 mm (0.0969 in.)
Input shaft shim thickness	
Mark 1	1.00 mm (0.0394 in.)
Mark 2	1.20 mm (0.0472 in.)
Mark 3	1.40 mm (0.0551 in.)
Mark 4	1.60 mm (0.0630 in.)
Mark 5	1.80 mm (0.0709 in.)
Mark 6	2.00 mm (0.0787 in.)
Mark 7	2.20 mm (0.0866 in.)
Mark 8	2.40 mm (0.0945 in.)
Mark 9	2.60 mm (0.1024 in.)
Mark 10	2.80 mm (0.1102 in.)
Mark 11	3.00 mm (0.1181 in.)
Mark 12	3.20 mm (0.1260 in.)

Counter drive gear shim thickness		
	Mark A	2.20 mm (0.0866 in.)
	Mark B	2.25 mm (0.0886 in.)
	Mark C	2.30 mm (0.0906 in.)
	Mark D	2.35 mm (0.0925 in.)
	Mark E	2.40 mm (0.0945 in.)
	Mark F	2.45 mm (0.0965 in.)
	Mark G	2.50 mm (0.0984 in.)
	Mark H	2.55 mm (0.1003 in.)
	Mark J	2.60 mm (0.1024 in.)
	Mark K	2.65 mm (0.1043 in.)
	Mark L	2.70 mm (0.1063 in.)
	Mark M	2.75 mm (0.1083 in.)
	Mark N	2.80 mm (0.1102 in.)
Differential oil seal LH and RH drive in depth		2.7 ± 0.5 mm (0.11 ± 0.02 in.)
Oil pressure		9.8 kPa (0.1 kgf/cm^2, 1.4 pst)
Differential side gear backlash	Standard	0.05 to 0.20 mm (0.0020 to 0.0079 in.)
Differential side gear washer thickness		0.95 mm (0.0374 in.) 1.00 mm (0.0394 in.) 1.05 mm (0.0414 in.) 1.10 mm (0.0433 in.) 1.15 mm (0.0453 in.) 1.20 mm (0.0472 in.)
Sun gear bush diameter	Standard	25.525 to 25.546 mm (1.00492 to 1.00575 in.)
	Maximum	25.596 mm (1.00771 in.)