TORQUE SPECIFICATION

SS087-07

Part tightened	N⋅m	kgf⋅cm	ft-lbf
Transfer x Transfer adaptor	24	240	17
No. 4 crossmember x Frame	72	730	53
Engine rear mounting x Transmission	65	650	48
No. 3 crossmember x Frame	72	730	53
Engine rear mounting x No. 3 crossmember	18	185	13
Dynamic damper x Transfer	38	380	28
Drain and filler plugs	37	380	27
Transmission shift lever assembly	5.9	60	52 in.·lbf
Shift control rod x Transmission shift lever assembly	13	130	9
Vehicle speed sensor assembly	11	115	8
L4 position switch x Front case	37	380	27
Neutral position switch x Front case	37	380	27
Straight screw plug x Front case	37	380	27
Front bearing retainer x Front case	11	115	8
Control shift lever retainer x Front case	18	185	13
Front companion flange lock nut	118	1,200	87
Rear companion flange lock nut	118	1,200	87
Extension housing x Rear case	12	120	9
Front case x Rear case	28	285	21
Shift shaft stopper	19	190	14
Straight screw plug x Rear case	19	190	14
Actuator assembly x Rear case	20	200	14
No. 1 and No. 2 4WD position switches	37	380	27
Oil separator x Front case	7.5	80	69 inlbf
Oil pump body assembly x Front case	7.5	80	69 in.·lbf
Head screw plug for ring gear	19	190	14
Relief valve x Oil pump body	29	300	21
Oil pump plate x Oil pump body	7.4	75	65 in.·lbf

2002 4RUNNER (RM887U)

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