



## TABELA DE TORQUES DE COMPONENTES DE DIFERENCIAL

OS VALORES SÃO EM Kgfm (Kilograma/metro)  
(para valores em N.m multiplicar x 10)

EIXOS VOLKS/FORD/AGRALE (LEVE)							
TORQUE	MODELO DO EIXO BRASEIXOS/DANA						
	405	411	46	70	80	480	284
PARAF. COROA	9.0-10.0	10.7-14.2	11,5-12,2	16,5-19,3	27,6-32,0	10,7-14,2	10,7-14,2
PORCA PINHÃO	41.5-55.0	41.5-55.0	30.0-38.0	30,0-38,0	61,0-69,0	42,0-55,0	42,0-55,0
PARAF. MANCAL	6.5 – 8.7	20.0-24.2	10.0-12.0	10,0-12,0	10,0-12,0	20,0-24,0	20,0-24,0
PARAF. TAMPA	1.6 – 2.7	1.6 – 2.7	4.0-5.0	4,0-5,5	4,0-5,5	1,6-2,7	1,6-2,7
FOLGA COROA/PINHÃO	0.15-0.25	0.13-0.28	0,13-0,22	0,13-0,22	0,13-0,22	0,13-0,38	0,13-0,38

EIXOS MERCEDES BENS				
TORQUE	MODELO DO EIXO			
	HL-0	HL-2	HL-4	HL-5
PARAF. CX SATELITES	-	26.0-28.0	26.0-28.0	26.0-28.0
PARAF. COROA	19.3	28.0-30.0	28.0-30.0*	28.0-30.0*
.	Ver atrito	97.0-107.0	100.0-120.0	100.0-120.0
PARAF. MANCAL	7.5	25.0-27.0	22.0-23.0	32
.	0.10-0.15	0.20-0.28	0.20-0.28	0.25-0.35

\*PARA COROAS C/ ROSCA M12 USAR TORQUE 12 -20 mkgf

EIXOS VOLKS/FORD/IVECO (SIMPLES)				
TORQUE	MODELO DO EIXO			
	RS 145	RS 155	RS 160	L-147
PARAF. CX SATELITES	13.2-15.8	24.0-29.5	30.6-42.8	13.7-17.2
PARAF. COROA	22.4-29.6	30-6-37.2	27.0-36.2	25.0-31.8
PARAF. CX PINHÃO	9.7-15.2	9.2-12.2	9.7-15.2	6.5-8.7
PORCA PINHÃO	127.4-156.5	127.4-156.5	137.6-170.2	96.7-124.4
PARAF. MANCAL	43.8-55.0	58.6-71.8	66.2-82.5	27.5-33.6
FOLGA COROA/PINHÃO	0.20-0.45 mm	0.25-0.40mm	0.25-0.50mm	0.13-0.38mm

EIXOS VOLKS/FORD/IVECO (REDUZIDO)			
TORQUE	MODELO DO EIXO		
	RS 220	RS 230	RS 240
PARAF. CX SATELITES	12.7-15.2	12.7-15.2	12.7-15.2
PARAF. COROA	20.9-25.5	20.9-25.5	20.9-25.5
PARAF. CX PINHÃO	9.2-12.2	9.2-12.2	9.2-12.2
PORCA PINHÃO	101-127	101-127	127-156
PARAF. MANCAL	30.0-36.7	30.0-36.7	58.6-71.8
PARAF. CARÇAÇA	27.5-33.6	27.5-33.6	27.5-33.6
FOLGA COROA/PINHÃO	0,25-0.40mm	0,25-0.40mm	0,25-0.40mm