



Service Bulletin

SB 00-5
3-20-80

SUBJECT: CHASSIS AND ENGINE TORQUE SPECIFICATIONS
VEHICLES: 365GTB/4 365GTC/4, DINO 246GT/E, AND
ALL 308 MODELS

REISSUE OF TECHNICAL BULLETIN NO. 283/1, DATED 7/10/78

SERVICE

INFORMATION: Attached are the chassis and engine torque specifications for the above mentioned models.

CHASSIS TORQUE SPECIFICATIONS

DESCRIPTION	365GTB/4		365GTC/4		DINO 246GTE		308	
	DIA(MM)	FT.LB	DIA(MM)	FT.LB	DIA(MM)	FT.LB	DIA(MM)	FT.LB
Ring nut, clutch shaft, gear-box mainshaft and layshaft	27x1.5 30x1.5	102 138	42x1.5 34x1.5 38x1.5	160 138 145	20x1 32x1.5	94 145	30x1.5 25x1.5 32x1.5	145 131 145
Nut, propeller shaft tube flange	10x1.25	51	10x1.25	51	--	--	--	--
Nut, clutch cover to engine, front and rear gearbox cover	8x1 10x1.25	29 36	8x1	29	8x1.25	29	8x1.25 10x1.25	18 39.5
Nut, propeller shaft sleeve coupling	8x1	29	8x1	29	--	--	--	--
Transmission joint fixing nut	--	--	16x1.5	72	--	--	--	--
Nut, rear side or top differential carrier covers	10x1.25 12x1.25	51 72	8x1.25	29	10x1.25 8x1.25	36 29	10x1.25 8x1.25	39.5 18
Nut, securing clutch to fly-wheel	--	--	8x1.25	25	8x1	18	8x1.25	18
Ring nut, bevel pinion lock	28x1.5	131	25x1.5	131	--	--	--	--
Nut, differential bearing flanges - Nut differential bearing flanges with cadmium plated washer	8x1	29	10x1.25 10x1.25	51 43.5	8x1.25	29	8x1.25	18
Bolt, axle shaft to differential and hub flanges	10x1.25	51	10x1.25	51	10x1.25	51	10x1.25	58
Nut, rear axle or gearbox mounting	10x1.25	36	10x1.25	36	--	--	--	--
Nut, balljoint to front suspension upright	12x1.5	46.5	12x1.25	46.5	12x1.5	51	12x1.5	46.5
Securing rear rod link both to suspension lever and rod	12x1.25	36	12x1.50 12x1.25	36 36	12x1.25	51	8x1.25 12x1.25	15 51
Shock absorbers, suspension levers to forks and ball joint, suspension levers to rear uprights, steering lever to knuckle pillars	10x1.25 12x1.25 12x1.5 20x1.5	36 51 51 116	10x1.25 12x1.25 12x1.5 14x1.5 20x1.5	36 51 72 51 116	12x1.25 10x1.25 12x1.5 20x1.5 14x1.5	51 51 51 116 72	12x1.5 12x1.25 10x1.25 12x1.25 14x1.5 20x1.5	51 40 36 51 58 116
Securing front rod link to suspension lever	12x1.25	36	12x1.25	36	12x1.25	51	--	--

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Front rod securing link to rod	12x1.25	36	12x1.25	36	12x1.25	51	12x1.25	36
Securing steering rod pin on stub axle lever on steering box and drive gear	10x1	28	14x1.5	46	--	--	--	--
Securing steering box pin to lever on stub axle	--	--	--	--	3/8"	33	3/8" 24 UNF	32
Nut, steering box and idler arm support to chassis	12x1.25	72	14x1.5	72	8x1.25	72	--	--
Nut, lever to steering box pin	22x1.5	102	22x1.5	102	--	--	--	--
Nut, steering column spherical joint	10x1.25	36	8x1.25	29	10x1.25	36	--	--
Screw, brake caliper to suspension upright (front and rear)	12x1.25	72	12x1.25	72	12x1.25	51	12x1.25	72 58
Screw, brake disc to hub (front and rear) 1. for bonderized studs 2. for cadmium plated studs	8x1 8x1 10x1.25	FRT 29(1) FRT 18(2) REAR 36(2)	8x1.25 8x1.25 8x1.25 10x1.25	FRT 22(1) FRT 18(2) REAR 36(2)	8x1.25	18	8x1.25	18
Bolt, road wheel to hub	--	--	--	--	14x1.5	72	14x1.5	72
Nut, inner and outer hub to rear suspension upright	18x1.5 24x1.5	131 160	18x1.5 24x1.5	131 160	27x1.5	160	27x1.25	160
Nut, road wheel flange screw	12x1.25	54	12x1.25	54	12x1.25	72	--	--
Nut, crown to power Std. Nut lock differential Tensilock nut	10x1 10x1	62 75	10x1 10x1	62 75	10x1	75	10x1 10x1	75 65
Screw, axle shaft flange to differential	12x1.5	58	12x1.5	58	12x1.25	51	12x1.25	65
Supports to gearbox and rubber pad to supports	--	--	--	--	10x1.25	36	10x1.25 8x1.25	39.5 18
Gearshift forks	--	--	--	--	8x1.25	29	8x1.25	18
Rear hub bearing	--	--	--	--	8x1.25	29	8x1.25	15

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Steering wheel hub and relevant bearing	--	--	--	--	22x1.5	102	22x1.5	102
Ring nut for brake servo lever	--	--	--	--	17x1	58	16x1.5	72
Steering box support in steel in aluminum	--	--	--	--	--	--	8x1.25	8 14
Ring nut for clutch control lever	--	--	--	--	--	--	15x1	65
Clutch shaft flange to clutch housing	--	--	--	--	--	--	8x1.25	15
Securing the pin-equalizers to gearbox	--	--	--	--	--	--	15x1	80
Securing accelerator pedal and idler arm	--	--	--	--	--	--	8x1.25	22

ENGINE TORQUE SPECIFICATIONS

Bolt cylinder head holddown	11x1	72	11x1	72	10x1	58	11x1	72
Nut, main bearing cap	12x1.25	60(1)	12x1.25	60(1)	12x1.5	80	12x1.5	65
1. for bonderized studs	12x1.25	54(2)	12x1.25	54(2)				
2. for cadmium plated studs	8x1	35	8x1	35				
Nut, connecting rod bolts	10x1	48	10x1	48	10x1	48	10x1	48
Nut, camshaft cap	6x1	6.5	6x1	6.5	6x1	6.5	6x1	6.5
Bolt, flywheel to crankshaft	8x1	22.5	10x1.25 8x1	8.5 22.5	10x1.25	62	10x1.25	62
Spark plugs	14x1.25	14.5	14x1.25	14.5	14x1.25	27.5	14x1.25	14.5
Nut, engine mounting	10x1.25	36	10x1.25	36	--	--	--	--
Screw, drive gear to camshaft	18x1.5	80	18x1.5	80	18x1.5	80	18x1.5	80
Ring nut, camshaft drive gear	--	60	--	--	12x1.25	58	17x1	95
Screw, securing damper to crankshaft	--	--	18x15	NOM 145 MIN 124 MAX 152	18x1.5	145	18x1.5	145

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	DIA(MM)	FT.LB	DIA(MM)	FT.LB	DIA(MM)	FT.LB	DIA(MM)	FT.LB
Nut, securing starter motor to engine	--	--	--	--	8x1.25	19.5	8x1.25	19.5
Nut, oil pump housing	--	--	--	--	8x1	18	--	--
Nut, securing water pump to engine block	--	--	--	--	8x1.25	18	--	--
Nut, securing alternator bracket to engine	--	--	--	--	10x1.25	43.5	10x1.25	43.5
Nut, securing alternator to the bracket	--	--	--	--	10x1.25	43.5	10x1.25	43.5
Nut, securing alternator to the support	--	--	--	--	12x1.25	58	12x1.25	43 to 47
Nut securing distributor to camshaft	--	--	--	--	--	--	12x1.25 only Dino 308GT4-	80 1975
Nut for water pump shaft	--	--	--	--	--	--	12x1.25	43.5
Nut for belt tensioner	--	--	--	--	--	--	12x1.25	40
Nut, belt tensioner A/C compressor	--	--	--	--	--	--	12x1.25	19
Nut, front cover for water pump and support for belt tensioner	--	--	--	--	--	--	8x1.25	18
Nut, alternator pulley	--	--	--	--	--	--	14x1.5	29
Nut, impeller water pump	--	--	--	--	--	--	8x1	18
Nut, A/C compressor to supports	--	--	--	--	--	--	10x1.25	14.5
Nut, right side timing belt cover	--	--	--	--	--	--	10x1.25	29
Inlet and outlet hose connection to oil cooler	--	--	--	--	--	--	26x1.5	36 to 40