

BSA SERVICE SHEET No. 702

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**ALL MODELS
WORKSHOP DATA
ENGINE, BUSH AND SHAFT DIAMETERS**

(All Dimensions in Inches, after Reaming or Grinding).

	D1	C10, C11, B31, B32	M33, B33, B34	M20, M21	A7 Up to Engine No. ZA7-1192	A7 On and After Engine No. AA7-101	A10
Overhead Rocker Arm		.569	.562	.562	.4995	.4995	.4995
		.567	.563	.563	.5005	.5005	.5005
		C10 only					
Inlet Valve Guide		.313	.313	.3525	.3525	.313	.313
		.314	.314	.3515	.3515	.314	.314
Exhaust Valve Guide		.313	.352	.3785	.3525	.313	.313
		.314	.353	.3795	.3535	.314	.314
Inlet Tappet Guide		.3125	.3745	.3745	.3745	.3125	
		.3135	.3755	.3755	.3755	.3135	
		C10 only					
Exhaust Tappet Guide		.3125	.3745	.3745	.3745	.3125	
		.3135	.3755	.3755	.3755	.3135	
		C10 only					
Cam Pinion Bush			.6255	.6255	.6255		
			.6245	.6245	.6245		
Cam Shaft Bush		.687			.7485	.7485	.7485
		.688			.7495	.7495	.7495
Idle Pinion Shaft Bush					.7485	.7485	.7485
					.7495	.7495	.7495
Idle Pinion Bush			.7505	.7505	.7485	.7485	.7485
			.7495	.7495	.7495	.7495	.7495
Cam Shaft Bush T/Cover		1.0005					
		.9995					
Crankshaft Bush G/S		.983			1.375	1.375	1.375
		.982			1.3745	1.3745	1.3745
Conrod Big End			1.7704	1.7704	1.4495	1.4495	1.4495
			1.7702	1.7702	1.4500	1.4500	1.4500
Gudgeon Pin Bush	.4697	.6255	.7506	.7506	.6881	.6881	.7506
	.4692	.625	.7503	.7503	.6878	.6878	.7503

GEARBOX BUSH DIAMETERS

(All Dimensions in Inches, after Reaming or Grinding)

	D Group	C Group	B Group 1945/48	M Group 1945/48	A Group	B & M 1949 on
Pinion Sleeve	.4975		.7505	.8755	.812	.8755
Bush	.4965		.7495	.8745	.813	.8745
Layshaft Bush (Shell)	.501 .500		.687 .688	.687 .688	.687 .688	.687 .688
Mainshaft Bush (I/Cover)		.751 .752	.687 .688			
Layshaft Bush (K/S Quadrant)				.687 .688	.7495 .7505	.687 .688
Layshaft 1st Gear Bush			.8125 .8135	.8765 .8755	.7495 .7505	.8765 .8755
Layshaft Pinion/s Bush		.562 .563				
M/Shaft 3rd I./Shaft 2nd Gear Bush			.9375 .9385	1.0005 1.0015		1.0005 1.0015
K/S Quadrant Bush I/Cover		.9995 1.0005	1.1245 1.1255		.561 .563	
K/S Quadrant Bush O/Cover		.812 .813	.812 .813	1.187 1.188	.7495 .7505	1.187 1.188
Control Shaft Bush (Shell)			.562 .563	.562 .563		.562 .563
Control Shaft Bush (I/Cover)		.689 .688		.562 .563		.562 .563
Control Quadrant Bush (I/Cover)				.562 .563		.562 .563
Pedal Spindle Bush (I/Cover)		.7495 .7505	.6245 .6255	.6245 .6255	.467 .468	.6245 .6255
Pedal Spindle Bush (O/Cover)		.7495 .7505	.8745 .8755	.8745 .8755	.6245 .6255	.8745 .8755
Speedo Spindle Small Bush			.218 .219		.218 .219	.218 .219
Speedo Spindle Long Bush			.281 .282		.281 .282	.281 .282
Clutch Push Rod Bush		.257 .258				