



Service-Information



BMW Motorrad GmbH
Service Dept. Kl/Kr/Nab

Motorcycles R60/6 US - R90S US
Technical Information
Group: 11 - Engine

Munich, Jan '75
2/75 (164 M) e

Re: Flywheel mounting /6 models

Gentlemen:

In order to improve the bolted connection between the crankshaft and flywheel, the thread has been enlarged from M 10 x 1.0 to M 11 x 1.5 providing ample safety against loosening also for our 900 cc engines.

This change was made effective for series production as of chassis nos.

BMW R 60/6 US -	4 920 662
R 75/6 US -	4 940 406
R 90/6 US -	4 960 790
R 90 S US -	4 980 304

DESCRIPTION	TYPE	PART NO.	THREAD	TIGHTENING TORQUE
Crankshaft	R60/6	11 21 1 262 443		
	R75/6-R90 S	11 21 1 262 450		
Flywheel	R90/6	11 22 1 262 070		
	R90 S			
Hex. Bolt	R90/6	11 22 1 262 060	M11 x 1.5	72 x 3.6 ft.lb.

In the following we inform you on the crankshaft flywheel mounting installed up to now at 600 cc, 750 cc and 900 cc engines.

DESCRIPTION	TYPE	PART NO.	THREAD	TIGHTENING TORQUE
Crankshaft	R60/6	11 21 1 255 290		
Flywheel	R60/6	11 22 1 256 966		
Hex. Bolt	R60/6	11 22 0 016 756	M10 x 1 /0.866" long	47 x 3.6 ft.lb.
Crankshaft	R75/6	11 21 1 259 856		(1.34" pocket bore)
Flywheel	R75/6	11 22 1 256 966		
Hex. Bolt	R75/6	11 22 1 257 796	M10 x 1 /1.26" long	51 x 3.6 ft.lb.

- 2 -

DESCRIPTION	TYPE	PART NO.	THREAD	TIGHTENING TORQUE
Crankshaft	R90/6 R90 S	11 21 1 259 856	(1.34" pocket bore)	
Flywheel	R90/6 R90 S	11 22 1 256 966		
Hex. Bolt	R90/6 R90 S	11 22 1 257 796	M10 x 1 /1.26" long	51 + 3.6 ft.lb.

It is recommended when carrying out repair or service jobs to check whether the flywheel makes even contact with the crankshaft journal, and whether the bolts, threads, and plane surfaces of the crankshaft and flywheel are free from dirt and grease which is absolutely necessary. (CAUTION - in case the shaft sealing ring is greasy.)

Fluid nut locks like Loctite should by no means be used.

Please limit your part orders at present to really urgent cases as the quantities of several parts on stock are still low.

Sincerely yours,
BMW MOTORRAD GmbH
München
i.V. i.A.


Ettlich Gastager