Service-Information (**)

Group 13 Fuel Supply And Adjustments

May 1981 Bulletin No. 13 004 81 (2035)

- For U.S.A. and Canada Only -

Subject:

Optional Modification to 1980/81

Pulse Air System

Dear Dealer,

An effort is continuously at work at BMW to refine it's technology in the motorcycle market. To enhance customer satisfaction through our dealer network, BMW has decided to make available it's refined pulse air system to owners of 1980 and some 1981 model BMW motorcycles as well as any unsold units at your dealership.

This pulse air modification kit can be ordered from our Parts Department under No: 11 71 9 055 637. The kit and labor are to be claimed through normal warranty channels. A credit of 12FR units under a WT (work time) code is available for this modification.

Motorcycles subject to this modification are listed below.

R65 R65	1980 . 1981	VIN VIN		381 385		to to	_	38 2 385		
R80/7 R80GS	1980 1981	VIN	_	126 362		to to	-	126 362		
R100T R100 R100CS	1980 1981 1981	VIN VIN VIN	6	170 175 188	001	to to .	Ó	171 175 188	002	Cours
R100RS R100RS	1980 1981	VIN VIN		185 225		to to	_	185 225		
R100RT R100RT	1980 1981	VIN VIN	-	196 240	045 001	to to	-	196 240		

Installation instructions and illustrations are on the following pages.

Yours trily,

Herb Neas

National Service Manager

Please route and initial before filing.

	Parts Manager		Technicians				
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INSTALLATION INSTRUCTIONS FOR KIT NO: 11 71 9 055 637.

- 1. Remove gas tank and lines.
- 2. Remove ail filter top cover and element.
- 3. Remove left and right carburetor intake tubes.
- 4. Disassemble and remove crankcase breather hoses in lower air filter housing.
- 5. Remove air lines to cylinder heads and reed valves.
- 6. Remove both reed valves from lower air filter housing.
- 7. Remove starter cover.
- 8. Remove lower air filter housing.
- 9. Notch starter cover for vacuum lines per illustration "A".
- 10. Drill a 9mm Ø hole for rubber grommet in lower housing per illustration "B".
- 11. Install grommet and "T" fitting in lower air filter housing as per illustration "C".
- 12. Re-install modified lower air filter housing using locktite on hardware.
- 13. Install the rubber hose with the flat clamp on the large reed valve (clamp lays flat on surface) and the twisted clamp on the small reed valve. See illustration "D".
- 14. Install reed valves into lower air filter housing with the large valve on the left hand side and small valve on the right.
- 15. Connect small tube from large valve spigot to "T" fitting inside lower air filter housing.
- 16. Re-install crankcase breather hoses in lower air filter housing with no modifications.
- 17. Remove plug screw from each carburetor vacuum spigot located under front of carburetor.
- 18. Install tubing from small "T" connector to each carbureter vacuum spigot. Secure tubing to fuel lines with cable ties. (Caution, no too tight)
- 19. Re-install modified starter cover.
- 20. Reconnect lines from cylinder heads to reed valves.
- 21. Re-install carburetor intake tubes and tighten clamps.
- 22. Re-install airfilter element and cover. Re-install gas tank.

ILLUSTRATION A



ILLUSTRATION B

(a) 90mm (b) 25mm

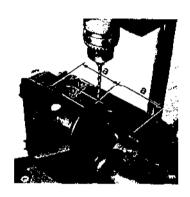


ILLUSTRATION C



ILLUSTRATION D

