

# Service-Information



Group 13 Fuel Supply And Adjustments	May 1981	Bulletin No. 13 004 81 (2035)
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- 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	1980	VIN	6 381 581	to	6 382 459
R65	1981	VIN	6 385 001	to	6 385 003
R80/7	1980	VIN	6 126 147	to	6 126 349
R80GS	1981	VIN	6 362 001	to	6 362 003
R100T	1980	VIN	6 170 415	to	6 171 344
R100	1981	VIN	6 175 001	to	6 175 002
R100CS	1981	VIN	6 188 001	to	6 188 002
R100RS	1980	VIN	6 185 422	to	6 185 519
R100RS	1981	VIN	6 225 001	to	6 225 002
R100RT	1980	VIN	6 196 045	to	6 196 851
R100RT	1981	VIN	6 240 001	to	6 240 003

Installation instructions and illustrations are on the following pages.

Yours truly,

  
Herb Neas  
National Service Manager

Please route and initial before filing

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

1. Remove gas tank and lines.
2. Remove air 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  $\emptyset$  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 carburetor 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

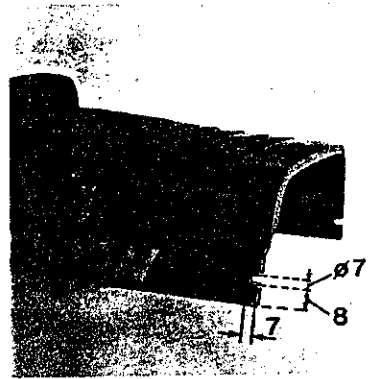


ILLUSTRATION B

(a) 90mm (b) 25mm

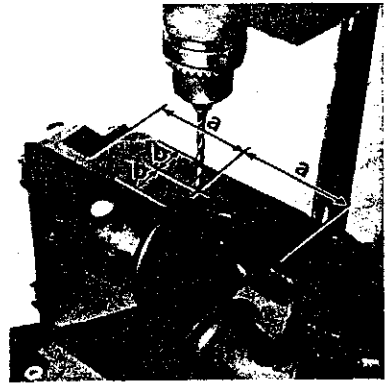


ILLUSTRATION C

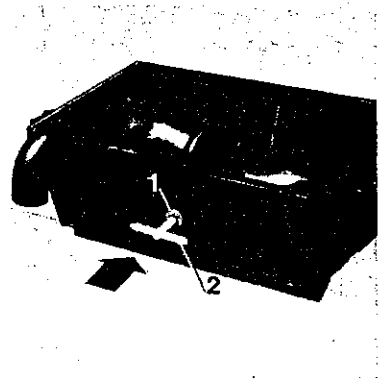


ILLUSTRATION D

