

# Service-Information Motorcycle



BMW of N.A.  
Service Department

Group: 16  
Fuel Tank  
and Lines

December 1985  
16 009 85  
(2187)

For USA and Canada  
Only

## Fuel Evaporation System - Boxer and "K" Models

Complaint: Owners with the above system cannot fill their fuel tanks to the maximum capacity.

Cause: Fuel tank filler neck flapper door will not allow filling tank to its brim.

Reason: C.A.R.B. regulations influenced the design of the BMW fuel tank, as described in previous Service Informations sent to you. The flapper door is positioned to limit filling capacity specifically to allow for the expansion of the fuel as it becomes warm.

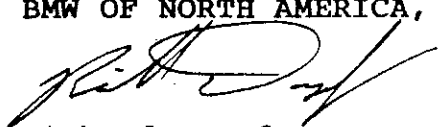
Caution: The filler neck flapper door is a vital part of this design and must not be removed. If the flapper door is removed and the fuel level is filled to the brim, it is possible that fuel may travel through the fuel vent tube/hose and into the crankcase. The fuel can then mix with the oil and engine damage could occur.

Customer Notification: Please notify your customers not to tamper with this system. They will be in violation of C.A.R.B. regulations and subject to fines.

Warranty: BMW NA will not warranty engine defects on motorcycles found to have this flapper door removed or tampered with. Please note the VIN and owner's name of motorcycles found with systems which have been tampered with, and report them to our Warranty Department.

Very truly yours,

BMW OF NORTH AMERICA, INC.

  
Richard Dampf  
National Technical Manager  
Motorcycle Group

RD:ch/026