

Service-Information Motorcycle



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Service Department

Group: 46

Frame

December 1989

46 024 89
(2385)

For USA Only

BMW Saddlebags with Standard Key Locks Code Cutting for One-Key Lock Operation

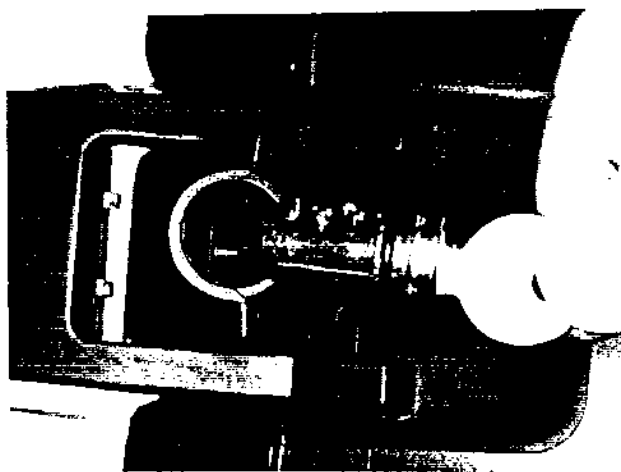
BMW has developed a new lock system that utilizes the standard (ignition) key blank in a new lock cylinder unit. Those locks are now standard on the K100LT motorcycles as of model year 1989. The new locks will also replace the conventional lock system on the BMW Integral Cases and BMW City Cases. Saddlebags ordered in sets come with coded locks, cylinders and keys.

A lock-set containing six (6) identically coded lock cylinders with two (2) keys is available under part number 51 25 2 303 683. Individual lock cylinders without key are available under part number 51 25 2 303 680.

Note: These lock cylinders are different from those used for ignition or fuel cap locks . . . do not attempt to interchange them.

Installing Lock Cylinders:

Insert key into cylinder. This will level all the tumbler blades except the end one, which retains the lock cylinder in the housing. Open the housing latch and insert the key with cylinder all the way into the housing, as illustrated. With the cylinder in position, turn the key counter-clockwise until the lock stops. Withdraw the key. At this point the lock should rotate only 1/4 turn from the 'locked' to 'unlocked' position. Repeat this procedure for all locks.

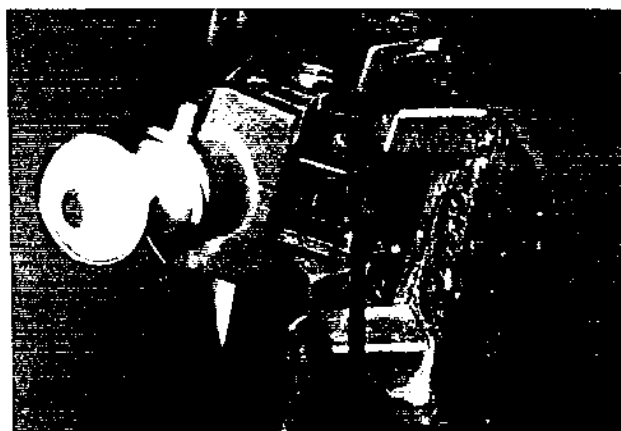


Removing Lock Cylinders:

Open lock latch, insert key, and rotate to the 10 o'clock position as illustrated (half-way between locked and unlocked).

Note: If a saddlebag must be replaced, remove the old lock cylinder and use it in the new replacement bag. Replacement bags do not come with lock cylinders.

Using an L-shaped instrument, push the locking tumbler (located in-line with the key slot) into the cylinder and withdraw the lock assembly by pulling on the key.



Matching Locks to the Ignition Key:

When saddlebags are purchased as accessories or replacement bags are required, the lock cylinders can be matched to the motorcycle's existing ignition key.

Our locks utilize six tumbler blades. The first five blades from the key slot provide the match to the key to activate the lock. The sixth, or last, tumbler blade secures the lock into the housing.

When a key is matched to a cylinder, the first five blades must be flush with the cylinder body when the key is fully seated into the cylinder. When the key is removed, those five blades will pop out, 'locking' the cylinder into the housing so it cannot be rotated.

Install your original ignition key into the new lock cylinder. Observe the brass tumbler blades that protrude above the surface of the lock cylinder. With the key inserted into the new lock cylinder, grind or sand the brass blades down until they are smooth with the outside contour of the lock cylinder.

**Note: Protect the sixth tumbler blade!
If you grind it down, the lock won't
stay in the housing!**

A special tool to protect the sixth tumbler, as well as to act as a handle while grinding, will be shipped to you under the Automatic Tool Program.

Remove any burrs on the tumbler blades. Clean the lock cylinder with an aerosol lubricant and a jet of compressed air. Apply a coating of Rentax A grease and install lock cylinder into housing.

Very truly yours,

BMW of North America, Inc.

