



# SERVICE BULLETIN

AMERICAN HONDA MOTOR CO., INC. MOTORCYCLE SERVICE DEPARTMENT

## MODIFICATIONS TO PREVENT EXCESSIVE OIL CONSUMPTION

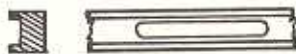
### PISTON OIL RINGS:

Three-piece oil rings improve cylinder oil wiping and have been incorporated in manufacture, starting with engine serial number CB500E-1002378. Replacement piston ring sets include the three-piece oil ring.

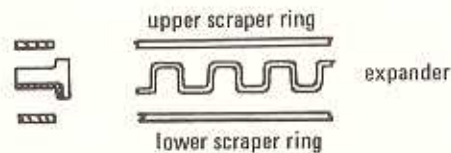
American Honda supplies two brands of piston ring sets using three-piece oil rings. Riken and Nippon piston rings are interchangeable but should not be mixed within any one set. Brand is identifiable by the manufacturer's initial stamped on the upper surface of the ring ends. "R" stands for Riken, and "N" stands for Nippon.

NEW

OLD OIL RING  
(1 piece)



REDESIGNED OIL RING  
(3 piece)



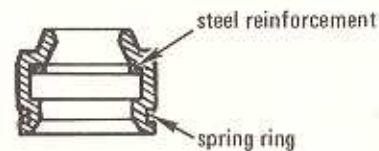
### VALVE STEM OIL SEALS:

Improved seals, which reduce oil seepage past valve stems, have been incorporated in manufacture, starting with engine number CB500E-1008800.

OLD OIL SEAL



IMPROVED OIL SEAL



### APPLICATION:

Use only the redesigned piston rings and improved valve stem oil seals as replacement parts for all CB-500 engines.

Install the redesigned piston rings and improved valve stem oil seals to replace old type parts in any early engines which experience excessive oil consumption or smoking.

### ROUTING:

COPY 1

COPY 2

GENERAL MANAGER

SERVICE MANAGER

SALES DEPT.

MECHANICS

OFFICE FILE

SHOP MANUAL

**PARTS INFORMATION:**

Order redesigned piston rings and improved valve stem oil seals as follows:

H/C	PART NUMBER	DESCRIPTION	
26265	13011-323-014	Ring set, piston STD (4 reqd.)	} Riken
26266	13021-323-014	Ring set, piston 0.25 (4 reqd.)	
26261	13031-323-014	Ring set, piston 0.50 (4 reqd.)	
26262	13041-323-014	Ring set, piston 0.75 (4 reqd.)	
26263	13051-323-014	Ring set, piston 1.00 (4 reqd.)	
29224	13011-323-013	Ring set, piston STD (4 reqd.)	} Nippon
29225	13021-323-013	Ring set, piston 0.25 (4 reqd.)	
29226	13031-323-013	Ring set, piston 0.50 (4 reqd.)	
29227	13041-323-013	Ring set, piston 0.75 (4 reqd.)	
29228	13051-323-013	Ring set, piston 1.00 (4 reqd.)	
26264	12209-323-005	Seal, valve stem (8 reqd.)	

**NEW**

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MOTORCYCLE SERVICE DEPARTMENT

*This revision supersedes Service Bulletin 500 #5, dated 9/20/71, which should be removed and destroyed.*