

©Kawasaki Motors Corp., U.S.A. Printed in USA



MOTORCYCLE INDUSTRY COUNCIL

**REFER TO BULLETIN SER 74 GEN-16**

**PROBLEM**

Some 1973 Z1, H2A, H1D, and S2A owners have reported an occasional clunking noise coming from the front forks. The noise occurs when the front wheel hits a rough break in the riding surface, such as a hole in the pavement, railroad crossing, or driveway entrance.

**CAUSE**

The noise is NOT caused by any loose, broken, or defective front end components. It is caused by the fork oil flow characteristics through the fork damper cylinders during short, rapid fork strokes.

**FACTORY ACTION**

For the 1974 Z1A, H2B, H1E, and S3 models, new style front fork damper cylinders were developed to improve performance and eliminate the clunking noise.

**IDENTIFICATION**

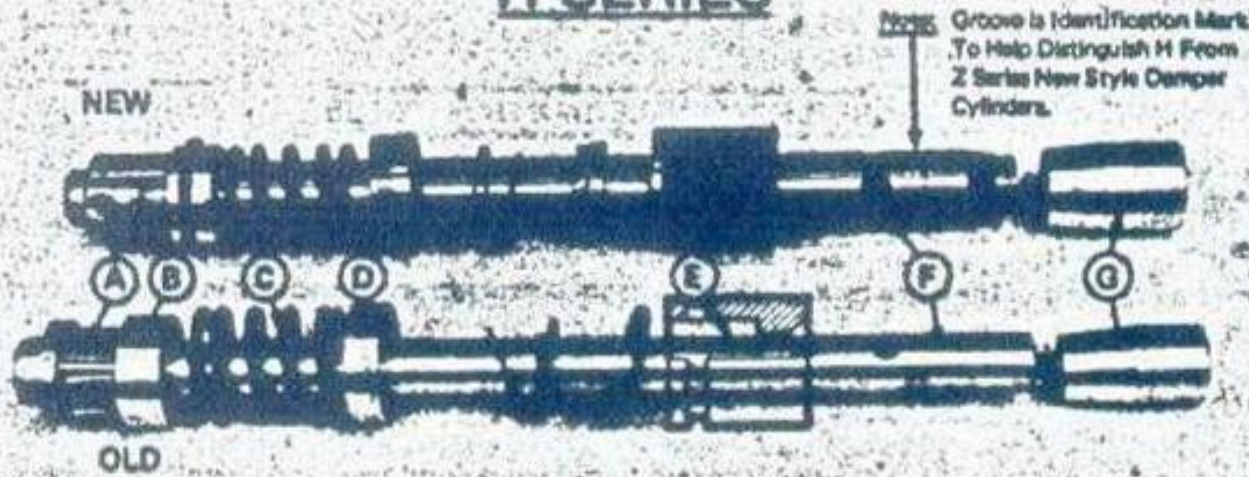
**S SERIES**

The diagram shows two front fork damper cylinders. The top one is labeled 'NEW' and the bottom one is labeled 'OLD'. Callouts A through G point to specific components: A (Damper Cap), B (Piston), C (Rebound Cushion Spring), D (Valve), E (Fork Piston), F (Cylinder), and G (Tapered Cylinder Base). The NEW cylinder has a closed top cap, a 30mm long rebound cushion spring, a steel valve, a fork piston (P/N 44018-009), a steel cylinder (17mm DIA), and an aluminum tapered cylinder base (22mm DIA). The OLD cylinder has an open top cap, a 33mm long rebound cushion spring, an aluminum valve, a fork piston (P/N 44018-001), an aluminum cylinder (13mm DIA), and an aluminum tapered cylinder base (18mm DIA).

	A	B	C	D	E	F	G
	DAMPER CAP	PISTON	REBOUND CUSHION SPRING	VALVE	FORK PISTON	CYLINDER	TAPERED CYLINDER BASE
NEW	CLOSED TOP	NO RING	30mm LONG	STEEL	P/N 44018-009	STEEL 17mm DIA	ALUMINUM 22mm DIA
OLD	OPEN TOP	NO RING	33mm LONG	ALUMINUM	P/N 44018-001	ALUMINUM 13mm DIA	ALUMINUM 18mm DIA

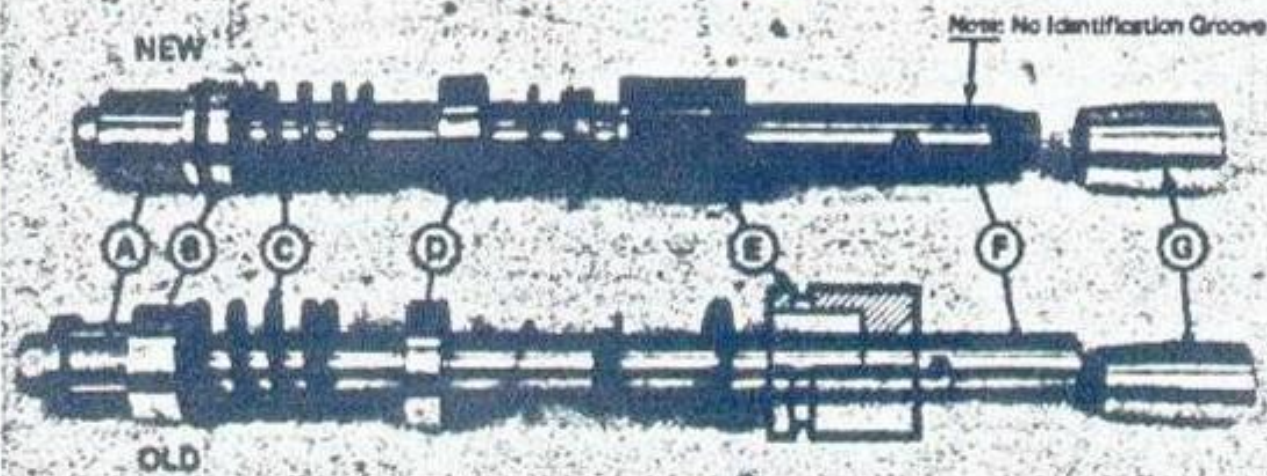
Please see reverse side for additional information.

# H SERIES



	A	B	C	D	E	F	G
	DAMPER CAP	PISTON	REBOUND CUSHION SPRING	VALVE	FORK PISTON	CYLINDER	TAPERED CYLINDER BASE
NEW	CLOSED TOP	PHENOLIC PISTON RING	30mm LONG	STEEL	P/N 4401B-009	STEEL 17mm DIA.	ALUMINUM 22mm DIA
OLD	OPEN TOP	NO RING	33mm LONG	ALUMINUM	P/N 4401B-003	ALUMINUM 13mm DIA.	ALUMINUM 18mm DIA

# Z SERIES



	A	B	C	D	E	F	G
	DAMPER CAP	PISTON	REBOUND CUSHION SPRING	VALVE	FORK PISTON	CYLINDER	TAPERED CYLINDER BASE
NEW	CLOSED TOP	PHENOLIC PISTON RING	30mm LONG	STEEL	P/N 4401B-009	STEEL 17mm DIA.	ALUMINUM 22mm DIA
OLD	OPEN TOP	NO RING	33mm LONG	ALUMINUM	P/N 4401B-003	ALUMINUM 13mm DIA.	ALUMINUM 18mm DIA

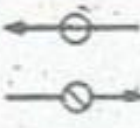




## SPECIFICATION CHANGES

SPECIFICATION CHANGES	YEAR	Z1	H2	H1	S2, S3
Fork Oil Capacity (cc)	73	169	160	170	150
	74	172	175	170	145
Oil Level from top of tube (mm)	73	418	403	417	347
	74	422	379	385	345

**NOTE:** The Z1 fork spring should be installed with the closely wound end down in the '73 model and with it up in the '74 model.

## PARTS INFORMATION

**NOTE:** Always install damper cylinder sets as matched pairs only. Never use one old style and one new style damper cylinder set together in the front forks.

DESCRIPTION	OLD PARTS ('73 MODEL)		INTER-CHANGE	NEW PARTS ('74 MODEL)		EFFECTIVE I.D.
	OLD P/N	REMARKS		OLD P/N	REMARKS	
Front Fork Assembly	44001-095 44001-090-21 44001-105 44001-097-21	Z1 H2A H1D S2A		44001-136 44001-124 44001-131 44001-144	Z1A H2B H1E S3	'74 Model Year
Damper Cylinder Assembly	44022-010 44022-007 44022-007 44022-011	Z1 H2A H1D S2A Does not include fork piston or circlip.		44022-028 44022-027 44022-027 44022-026	Z1A H2B H1E S3. Does not include fork piston or circlip.	'74 Model Year
Damper Cylinder Set				44023-007 44023-006 44023-008 44023-005	Z1A H2B H1E S3 Includes Fork Piston and Circlip.	For updating Pre-'74 Machines
Fork Piston	44018-003 44018-001	Z1, H2A, H1D S2A		44018-009	Z1A, H2B H1E, S3	'74 Model Year
Fork Circlip	44044-008	Z1, H2A, H1D, S2A		44044-019	Z1A, H2B, H1E, S3	'74 Model Year

⊖ = interchangeable   ⊕ = not recommended   X = not interchangeable   □ = not available

## WARRANTY INFORMATION

This Bulletin is for notification of modification only, not for warranty authorization.