September 13, 1977

SHOWA FRONT FORK / LATE 1977 FL, FLH, FLHS-1200

The front forks assembled in Late 1977 FL/FLH/FLHS-1200 motorcycles are supplied by the Showa Mfg. Co.

The early production Showa Fork can be identified by the cross head drain screws compared to the slotted head screws used on previous forks. Later Showa Forks will also have the letter "S" cast into the outside base of the sliders for easier identification.

The following table specifies the quantity of oil necessary to fill early and late type front forks. The difference in the amount of oil required between a "dry" and a "wet" fork is due to oil cling. Do not use more oil than recommended. Use only Harley-Davidson Hydraulic Fork Oil Type "B".

The recommended oil change interval for the Showa front fork is after the first 500 miles and every year thereafter.

YEAR	WET	DRY				
Late 1977 & Later (SHOWA)	8.0 oz. each leg (230cc.)	8.5 oz. each leg (250cc.)				
Early 1977 & Earlier	6.5 oz. each leg (190cc.)	7.0 oz. each leg (210cc.)				

Change oil in the Showa Front Fork as outlined in the following procedure:

To drain and fill fork with oil, remove windshield or fairing, front wheel, and brake caliper from left fork slider.

Remove headlamp ring and housing sides. Remove fork tube caps. Loosen fork upper and lower bracket pinch bolts and raise motorcycle, allowing fork sides to slide down inside the brackets until plugs can be removed from top of fork tubes. Remove fork tube upper plugs.

Remove drain screw at the outside bottom of each slider. Drain oil into a suitable container. Draining speed will be increased by gently working the fork up and down as it empties. Replace drain screws. Fill with oil in amount as shown in table.

For $\underline{\text{future}}$ oil changes, it will $\underline{\text{not}}$ be necessary to loosen the fork sides and remove the wheel and brake caliper if the following modification is performed while the fork is disassembled for the first oil change:

Drill a 1/4 in. dia. hole through the center of the fork tube upper plug. Assemble seal, part No. 45733-48 between the fork plug and fork tube cap. These changes will be made in future production.

A separate Parts & Accessories Bulletin containing an exploded view and part numbers has been mailed to you.

HARLEY-DAVIDSON MOTOR CO., INC.

ROUTING				CHIEF	MEC	LANIC	MECI	ANIC	MEC	LANIC	MEC	ANIC	RETUR	RN
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INITIAL		i												- 69:
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