

DESIGN CHANGES / 1971 SPRINT**1. Carburetor Idle Jet, Float and Throttle Slide.**

Starting on 1971 Sprint SS VIN 6A 10866 H1 and on all 1971 Sprint SX motorcycles the following carburetor changes were made to improve starting and off-idle response when accelerating, and to improve low speed carburetion in general.

Idle Jet No. 55, part No. 27617-65P changed to Idle Jet No. 45, part No. 27611-71P.

Throttle Slide No. 60, part No. 27702-69P changed to Throttle Slide No. 50, part No. 27677-71P.

Float (gr. 10) 745.1, part No. 27715-69P changed to Float (gr. 12) 7450.2, part No. 27748-71P.

The above items are plainly identified by markings on individual parts in the carburetor. The Dellorto number VHB27AS on the outside of the carburetor remains the same.

Recommendation: The above changes are recommended for all 1969 thru early 1971 Sprints below Serial No. 10866 to improve performance.

2. Kick Starter and Related Parts.

The kick starter has been improved to provide greater strength in the support area in the cover by the following changes.

<u>New Part No.</u>	<u>Name</u>	<u>Old Part No.</u>
25209-71P	Crankcase Cover Left	25209-69P
33349-71P	Starter Crank Gear	33349-69P
33355-71P	Starter Crank Gear Stop	33355-61P
25405-71P	Chain Guard Cover	25405-60P
33084-71P	Starter Crank Spring	33084-61P
24605-71P	Starter Crank Support	None
3797P(5)	Screw	None
7028P(5)	Lockwasher	None

Recommendation: The above parts are available to bring your 1969 and 1970 Sprint models up to date, under part No. 29212-69P, Left Crankcase Cover Kit, as listed in your 1971 Sprint parts catalog supplement. If kick starter cover replacement is required because of a failure, it is recommended that the new kit be installed in place of the old cover alone.

3. Clutch Drive Plate (Friction Discs) and Releasing Disc.

New clutch friction discs consisting of steel discs with bonded friction material are being used on the 1971 Model SX instead of the solid friction material (Sprint SS type). The clutch releasing disc has been made deeper to accommodate the smaller stack-up dimension of thinner plates. The new friction material results in smoother and quieter operation. Also, the heat dissipation and durability of the new disc is better than the solid friction disc.

<u>New Plate No.</u>	<u>Name</u>	<u>Old Plate No.</u>
37865-71P	Clutch Drive Plate (5 used)	37864-69P
37874-71P	Clutch Releasing Disc	37870-69P

Recommendation: The above 1971 Sprint SX clutch parts are recommended for replacement of counterparts on 1969 to 1971 Sprint SS motorcycles when these parts require replacement.

A kit of parts is available under Part No. 37881-69 to service one clutch.

HARLEY-DAVIDSON MOTOR CO., INC.