TECH TIPS #26 SEPTEMBER 1991

1992 MODEL CHANGES

ALL MODELS

- ** Teflon Insert For Clutch Lever Pivot Offers quieter operation and less maintenance.
- ** "Continuous" Fuel Tank Venting Allows more efficient venting to prevent carb overflow, sprayback, and poor fuel mileage.
- ** Indicator Icons Internationally identified symbols on the warning lamps of FXR/FXD/XL allow for easier identification.
- ** Front Belt Pulley Nut Retainer New design with two bolts retaining the sprocket nut plate to prevent loosening.
- ** CV Carburetor New float and float needle design to insure efficient fuel delivery. Internal carburetor circuitry has been changed to create a "fast idle" feature to insure proper start-up and vehicle operation during warm-up.
- ** Chassis Fastener Corrosion Protection Ultra-Seal process insures that fasteners will not corrode.
- ** Formed Fuel and VOES Hoses Form-fit hoses are more functional and stylish.
- ** New Brake Pads and Discs These components will be made of new materials, making the system quieter and require less lever effort. Will also result in better stopping in wet conditions.
- ** New Clear Coat Updated painting facilities and improved methods allow for nicer finish. Running '92 change.
- ** California Evaporation System A new "trap door" recovery system has been mounted on the air cleaner. In this new system, a butterfly valve is activated by a solenoid to open during engine operation. This externally mounted system eliminates the reed valve from the intake tract, improving performance and driveability.
- ** Headlight Bulbs Improved Halogen bulbs are more resistant to vibration and offer a longer service life. These bulbs also provide better and more consistent "focusing" of headlight pattern.
- ** Improved Enrichener Cable Change in spring design reduces tension needed to activate enrichener and reduces possibility of breakage from overtightening of plastic nut

XL MODELS

- ** "Super Low" Hugger
- Seat height is 1 1/2" lower than current Hugger.
- 3" lower than XL1200.
- Lowering is accomplished with:

New forks New shocks New side stand Newly contoured seat

- ** Deluxe 883 New, embossed seat and buckhorn handlebars For Deluxe 883, with handlebar mounted turn signals. Early '92 models will have turn signals mounted to triple clamp.
- ** O-Ring Chain Standard 883 and Hugger will be Equipped with new "DID" o-ring final drive chain. This will result in lower maintenance and longer life.
- ** Cam Gear Oiler Additional oil passage is located in cam gear compartment to provide additional cam gear lubrication.
- ** New Ignition Switch Location Eliminates close proximity of ignition switch and horn on XL1200.
- ** Commonized Hand Controls All Sportsters will have commonized handlebar switches to facilitate handlebar replacement.
- ** Headlight Bracket A stronger headlight bracket offers better durability.

1340 MODELS - ALL

- ** New Pivot Shaft Coating Pivot shaft has received an improved zinc coating to prevent corrosion and facilitate removal.
- ** Oil Filter Mount And Steel Oil Lines
 - All 1340's will receive Dyna style oil filter mount, located in front of engine.
 - Steel oil lines and a new pump cover neatly package the oil filter system. This improves looks, reliability, and maintenance.
- ** Oil Pump pump mounting studs have been relocated to provide better clamp load and sealing surface. Due to new stud location in case, this is not a retro-fit item. This change also includes new gaskets.
- ** "N" Cam New for '92, will offer improved valve train dynamics and quieter operation.

FL MODELS

- ** Round Key Locks For Tour Box, saddlebags, and gas cap lid offer. Improves looks and offers greater security.
- ** Tour Box Liner / Saddlebag Gaskets
 - New saddlebag gaskets offer an improved sealing surface.
 - Ultra models will be equipped with a new molded, form-fit Tour Box liner. This will create a more compliant fit, and better finish for inside of Tour Box.
 - The standard Electra Glide Tour Box will have gloss SMC interior finish with a new Ultra style pouch. The new finish gives the Tour Box a classy look with the convenience of an easy to use pouch.
- ** FLHS Seat The '92 FLHS will have a newly designed seat with lower seat height and improved looks. This gives three seat height options to the FL family.
- ** New Rear Brake Disc With black "zinc coating" for improved rust control on non-swept area of brake disc.
- ** Clutch Cable Guide Offers improved routing and control of clutch cable. Running '92 change.
- ** Throttle Cable Hardware / Air Cleaner Inserts Stainless steel will be used to prevent corrosion.

ULTRA MODELS

- ** "Tape Guard" Circuit In addition to improved reliability and performance of sound system, the '92 models will offer a "Tape Guard" circuit. The tape player will detect a loose tape and attempt to take up slack in tape. If this is not possible, the display will indicate so and eject tape.
- ** 7-Pin DIN Connector Offers more reliable connection. Eliminates "pigtail".
- ** Front Speaker "Disable Diodes" Will replace speaker relays in fairing. This offers a more efficient means of switching back and forth from fairing speaker to helmet speaker operation.

FXR MODELS

- ** Belt Guard Stronger mounting brackets are more resistant to breakage
- ** New Horn '92 FXR models will be equipped with a more audible horn.
- ** Rear Fender Reflector Reflectors have been relocated below fender strut. This will facilitate sissy bar installation.
- ** Headlight Shroud Headlight adjustment on SP,RP, and Convertible models will be easier due to a change in shroud (on all sport bikes) which offers more adjustment range.

FX MODELS

** New Sissy Bar - 3-piece construction offers improved durability.

SIDECARS

- ** "Powder Coat" Frame Powder coat paint process is now used on sidecar frames to prevent corrosion and offer long-lasting beauty.
- ** Ultra Interior Improved Ultra sidecar interior that finishes the trunk area with an improved carpeting throughout the sidecar interior.
- ** New ABS Sidecar Lower A new ABS molded sidecar lower was added to Ultra models for an improved finish and to compliment the quality of the Ultra sidecar package.

POLICE MODELS

** Clutch Lock-out Device - New feature requires disengagement of clutch to start vehicle. This is a common requirement among police departments.