



PDI & SERVICE NOTES FOR SERVICE CREW:

Attn: Service Manager,

The following information is essential, and must be paid close attention to when assembling the SkyTeam bikes. Much of the following information may be second nature to yourself and your technicians, and by no means are we implying that you would normally overlook them. This information has been brought to our attention by some of our dealers, or just little things that we have noticed.

General

- 1.) All the brake disks have a film of grease on them and should be cleaned with brake cleaner before applying any brake pressure.
- 2.) I suggest that all bikes and ATVs have better quality 10-40 oil put into them on initial PDI.
- 3.) Generally, all the valves on all units come tight from the factory. All the units except for the ST150Y will be OK until the first service (Approximately 10- 15 hours). The specifications have the valve settings listed as .002" or .05mm for both intake and .003" or .07mm for exhaust on all the bikes and ATVs except for the LX300ST which is .002" intake and .004" exhaust.

ST50Y-I

No special instruction for this unit.

ST110Y-I

Leave a little extra chain slack on this model to cater to the angle of the swing-arm, and also keep in mind the size of the rider when adjusting the chain on all models.

ST125Y-I PROFESSIONAL

This unit uses some after-market parts, such as the front forks, the triple clamps, handle bars, and swing-arm. Therefore, we have noticed some small irregularities in the setup; The front number plate must be drilled on the side and then secured by zap-straps to the fork tubes. If you use the mounting screw hole in the front of the number plate, it will sit too high up.

The handlebars are smaller than the standard 7/8" diameter, therefore I run a couple layers of electricians' tape under the kill-switch to hold it secure as you tighten the screws.

ST150Y

These bikes have the tightest valves from the factory. Please check and adjust if necessary during the PDI, and then again when the vehicle undergoes first service.

ST2000F

No special instruction for this unit.

LX50ST-C

Be certain to change the oil on this vehicle before it goes out of the shop. Some dealers choose to change the oil in all of the models, but it is most critical on this unit. It does not have sufficient air cooling for the poor quality of oil that it comes with from the factory. This unit comes with a Rev Limiter built into the CDI unit. This is designed with safety to youngsters in mind as well as the prevention of over revving, which could eventually cause damage to the engine, and possible seizure.

For your own information – if you were to take the CDI unit from the ST50Y-1 mini-bike and plug it into the LX50ST-C, the unit will rev to the moon. However, the warranty is **VOID** if the customer uses a different CDI in place of the stock CDI for this model.

LX110ST-F

Be sure to grease all nipples on this unit. There is also a paper restrictor on the Air Filter. The unit will generally run fine without removing it, but it has been proven to run better and have more power when removed. The instructions to this are on page 16 of the Supplementary Service Manual for the ATV110.

LX300ST

In a case of no ignition spark, there is a relay reset option on the toggle kill-switch. If you press the switch in, it will 'click' and reset the relay, it should then start without any problems.

The cooling fan is actuated at all times when the vehicle is running, this prevents any overheating and possible damage to the engine.

IF YOU HAVE ANY SUGGESTIONS FOR IMPROVEMENT. OR NOTICE ANY IRREGULARITIES ON ANY OF THESE UNITS, PLEASE LET US KNOW, It is the only way that we can build the quality level of future SkyTeam motorcycles and ATV's.

The following #1 checklist should be followed closely at the initial pre-delivery inspection and the #2 checklist should be filled out at 15-20 hours, during the 1st service.

#1) Pre-Delivery Inspection Checklist

- 1.) Check Oil Level - Change oil on LX50ST-C
- 2.) Check Tire Pressures
- 3.) Adjust Levers
- 4.) Tighten Spokes (if applicable)
- 5.) Lights/ Indicators working properly
- 6.) Chain lubricated & adjusted (if applicable)
- 7.) Throttle free-play adjusted
- 8.) Torque all chassis bolts
- 9.) Valves adjustment (optional but recommended for ST150Y)
- 10.) Clean brake discs using brake cleaner
- 11.) Adjust/Check brakes
- 12.) All cables & wiring routed properly
- 13.) Grease all grease nipples
- 14.) Visual Inspection

#2) 1st Service Checklist - 15 to 20 hours

- 1.) Lube all cables and locks
- 2.) Oil Change & Level Check
- 3.) Check Tire Pressures
- 4.) Adjust levers
- 5.) Adjust/Tighten Spokes
- 6.) Lights/Indicators working properly
- 7.) Chain cleaned/adjusted & lubricated
- 8.) Throttle free-play adjusted
- 9.) Re-torque all chassis bolts
- 10.) Valves adjusted
- 11.) Clean brake discs
- 12.) Adjust/Check front & rear brakes
- 13.) Air Cleaner cleaned & serviced
- 14.) Adjust carburetor / idle speed
- 15.) Check for play in steering stem – tighten if necessary
- 16.) Lubricate all pivot points
- 17.) Examine Spark Plug/Electrode
- 18.) Visual Inspection
- 19.) Check that suspension is functioning correctly