

MAINTENANCE & LUBRICATION CHARTS

Interval recommendations and lubricant types listed in the Maintenance and Lubrication Charts are based upon general averages. Extremes in environment or usage may dictate shorter maintenance intervals, different lubricants, or shorter lubrication intervals.

Therefore, all recommendations regarding types and intervals are to be considered a guide only. Intervals should not be exceeded but may be shortened as required. Lubricant types may be up-graded, but never down-graded.

PERIODIC MAINTENANCE INTERVALS

Page	Item	Remarks	Initial				Thereafter Every	
			250	500	1000	2000	1000	2000
89	Brake system (complete)	Check/Adj. as req'd. • repair as req'd.		0	0	0		0
65	Clutch	Check/Adjust as required		0	0	0		0
99	Battery	Top-off/Chk. spec. gravity monthly, or →	0		0		0	
114	Spark Plug(s)	Inspect/Clean or replace as req'd.	0	0	0	0		0
87	Wheels & Tires	Pressure/Spoke Tension/Runout	0	0	0		0	
79	Fittings & Fasteners	Tighten before each trip and/or →	0	0	0		0	
97	Drive Chain	Tension/Alignment ②	0	0	0		0	
10	Engine Oil Level Check	Unit level • Engine warm	0	0	0		0	
-	Air Filter	Foam type • See Service Notes ①	0	0	0		0	
78	Air Filter(s)	Dry type • Clean/Replace as req'd.			0	0		0
66	Fuel Petcock(s)	Clean/Flush tank as req'd.	0		0	0		0
115	Ignition Timing	Adjust/Clean or replace pts. as req'd.		0	0	0		0
77	Carburetor Adjustment	Check operation, synch., fittings		0	0	0		0
75	Carburetor Overhaul	Clean/Repair as req'd.						4,000
64	Cylinder Compression	Preventive Maintenance Check	0	0	0	0		0
25	Decarbonize Engine	As Required (Includes Exhaust System)				0		4,000
32	Camshaft Drive Chain	Adjust tension	0		0	0		0
45	Primary Oil Filter(s)	Clean/Replace as required	0		0	0		0
44	Oil Filter System (Complete)	Clean All • Includes traps, etc.				0		4,000
31	Valves	Adjust/Regrind as required			0	0		0

ALSO PREOPERATION CHECK

SERVICE NOTES:

1. Foam element air filters must be damp with oil at all times to function properly. Remove, clean and oil filter at least once per month or every 500-1,000 miles; more often if possible. See "Lubrication Intervals" for additional details.

Note: If unit is subjected to extremely hard usage, such as dirt riding, etc., clean and lube filter.

2. Drive chain must also be lubricated every 200-250 miles. If unit is subjected to extremely hard usage, such as racing or dirt riding, chain tension, alignment, lubrication and cleanliness must be checked constantly. See "Lubrication Intervals" for additional details.

LUBRICATION CHART

Page	Item	Remarks	Type	Initial				Thereafter Every		
				250	500	1000	2000	1000	2000	4000
10	Engine Oil	Warm engine before draining	#1	0		0	0		0	
98	Drive Chain	Lube/Adjust as req'd.	#2			See		Notes		
98	Drive Chain	Remove/clean/lube/adjust	#2				0		0	
-	Air Filter	Foam type	#9			See		Notes		
-	Control & Meter Cables	All - apply thoroughly	#3			0			0	
-	Throttle Grip & Housing	Light Application	#4			0			0	
-	Tach & Speedo Gear Hsgs.	Light Application	#4				0			0
-	Rear Arm Pivot Shaft	Apply until grease shows	#5			0			0	
-	Brake Pedal Shaft	Light Application	#4			0			0	
-	Change Pedal Shaft	Light Application	#4			0			0	
-	Stand Shaft Pivot(s)	Light Application	#4			0			0	
85	Front Forks	Drain comp./chk. specs.	#2		chk		0			0
-	Steering Ball Races	Inspect thoroughly/med. pack	#6				0			0
111	Point Cam Lubr. Wick	Very light application	#7			0				0
130	Hyd. Brake Fluid Res.	See Notes	#8	chk		chk		chk		
88	Wheel Bearings	Do not over-pack	#6				0			0

FRODO, CHECK

- For average operation at ambient temperatures of 30-90°F. use Yamalube 4-cycle or SAE 20W-40 type "SE" motor oil.
 - Use SAE 10W-30 type "SE" motor oil. (If desired, specialty type lubricants of quality manufacture may be used.)
- Note:** Drive chain must be lubricated every 200-250 miles. If unit is subjected to extremely hard usage, chain must be inspected constantly and serviced as required.
- Use SAE 10W-30 type "SE" motor oil. (If desired, or at ambient temperatures below 30°F., a graphite base "dry" lubricant of quality manufacture may be used.)
 - Light duty: Lithium soap base (white) grease. Heavy duty: Standard 90 wt. lube grease (Do not use lube grease on throttle/throttle housing.)
 - Use standard lube grease — smooth, not coarse.
 - Medium-weight wheel bearing grease of quality manufacture — preferably waterproof.
 - Light-weight machine oil.
 - Change yearly or 8,000 miles. Use quality manufacture corresponding to D.O.T. #3 specifications. Keep clean. Do not allow water, etc., to contaminate. Do not mix types when adding.
 - Use SAE 10W-30. Must be damp with oil at all times to function properly. Always clean before oiling. Apply oil moderately, do not over-oil. Clean and oil monthly or every 500-1,000 miles; more often if possible. If unit is subjected to extremely hard usage, such as dirt riding, etc., clean and lube filter daily.