

# N.17 T-CLOCS Inspection



## GOLD WING ROAD RIDERS ASSOCIATION



### RIDER EDUCATION PROGRAM Motorcycle T- CLOCS Inspection

T-CLOCS ITEM	WHAT TO CHECK	WHAT TO LOOK FOR	CHECKOFF	
<b>T --- TIRES &amp; WHEELS</b>				
Tires	Condition	Tread depth, wear, weathering, evenly seated, bulges, embedded objects.	Front	Rear
	Air Pressure	Check when cold, adjust to load/speed	Front	Rear
Wheels	Spokes	Bent, broken, missing, tension, check at top of wheel "ring" OK -- "thud", loose spoke	Front	Rear
	Cast	Cracks, dents	Front	Rear
	Rims	Out of round/true = 5 mm. Spin wheel, index against stationary pointer.	Front	Rear
	Bearings	Grab top and bottom of tire and flex: No free play (click) between hub and axle, no growl when spinning.	Front	Rear
	Seals	Cracked, cut or torn, excessive grease on outside, reddish-brown around outside.	Front	Rear
<b>C --- CONTROLS</b>				
Levers	Condition	Broken, bent, cracked, mounts tight, ball ends on handlebar lever.	Front	Rear
	Pivots	Lubricated		
Cables	Condition	Fraying, kinks, lubrication: ends and length.		
	Routing	No interference or pulling at steering head, suspension, no sharp angles, wire looms in place.		
Hoses	Condition	Cuts, cracks, leaks, bulges, chaffing, deterioration.		
	Routing	No interference or pulling at steering head, suspension, no sharp angles, wire looms in place.		
Throttle	Operation	Moves freely, snaps closed, no revving.		
<b>L --- LIGHTS</b>				
Battery	Condition	Terminals clean and tight, electrolyte level, held down securely.		
	Vent Tube	Not kinked, routed properly, not plugged.		
Lenses	Condition	Cracked, broken secure, mounted, excessive condensation		
Reflectors	Condition	Cracked, broken securely mounted.		
Wiring	Condition	Fraying, chaffing, insulation.		
	Routing	Pinched, no interference or pulling at steering head or suspension, wire looms and ties in place, connectors tight, clean.		
Headlamp	Condition	Cracks, reflector, mounting and adjustment system.		
	Aim	Height and right/left.		

<b>O --- OIL</b>				
Levels	Engine Oil	Check warm on center stand, dipstick, sight glass.		
	Hypoid Gear Oil	Transmission, rear drive, shaft.		
	Hydraulic Fluid	Brakes, clutch, reservoir or sight glass.		
	Coolant	Reservoir and/or coolant recovery tank -- cool only.		
	Fuel	Tank or gauge.		
Leaks	Engine Oil	Gaskets, housings, seals.		
	Hypoid Gear Oil	Gaskets, seals, breathers.		
	Hydraulic Fluid	Hoses, master cylinders, calipers.		
	Coolant	Radiators, hoses, tanks, fittings, pipes.		
	Fuel	Lines, fuel taps, carbs.		
<b>C --- CHASSIS</b>				
Frame	Condition	Cracks at gussets, accessory mounts, look for paint lifting.		
	Steering Head Bearings	No detente or tight spots thru full travel. Raise front wheel, check for play by pulling/pushing forks.		
	Swing Arm Bushings / Bearings	Raise rear wheel, check for play by pushing/pulling swing arm.		
Suspension	Forks	Smooth travel, equal air pressure/damping anti-dive settings.	Left	Right
	Shock(s)	Smooth travel, equal pre-load/air pressure/ damper settings, linkage moves freely and is lubricated.	Left	Right
Chain or Belt	Tension	Check at tightest point.		
	Lubrication	Side plates when hot.		
	Sprockets	Teeth not hooked, securely mounted.		
Fasteners	Threaded	Tight, missing bolts, nuts.		
	Clips	Broken, missing.		
	Cotter Pins	Broken, missing.		
<b>S --- SIDESTAND</b>				
Center stand	Condition	Cracks, bent.		
	Retention	Springs in place, tension to hold position.		
Side stand	Condition	Cracks, bent. (Safety cut-out switch or pad if equipped)		
	Retention	Springs in place, tension to hold position.		

I have performed the above safety check. To my knowledge my motorcycle is ready for safe range operation. I certify the above statements are true and correct.

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Year and Type of Motorcycle

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date