

T-CLOCK INSPECTION

T-CLOCK stands for:

Tires & Wheels Controls Lights Oil Chassis Kickstand.

It is the most complete pre-ride check you can do.

TIRES & Wheels

Tires

- Condition: tread depth, wear, weathering, evenly seated no bulges or embedded objects
- Air pressure - check when cold and adjust to load/speed rating

Wheels

- Spokes: bent, broken, missing, tension, loose
- Cast: even, not bent or warped, no cracks
- Rims: round/true, if out by more than 5mm replace
- check - spin wheel against a stationary pointer
- Bearings: grab top and bottom of tire and flex: no free play (clicks) between hub and axle and no growl when spun
- Seals: not cracked, cut, torn, no excessive grease on outside, not reddish brown on outside.

CONTROLS

Levers

- Condition: not broken, bent, cracked, mounts tight
- Pivots: lubricated

Cables

- Condition: no fraying, kinks
- lubrication - ends and length
- Routing: no interference or pulling at steering head or at suspension; no sharp angles; wire looms in place

Hoses

- Condition: no cuts, cracks, leaks, bulges, chafing, deterioration
- Routing: no interference or pulling at steering head or at suspension; no sharp angles; wire looms in place

Throttle

- Operation: moves freely, snaps closed, no revving

LIGHTS

Battery

- Condition: terminals clean and bright, fluid level, strapped in place
- Vent tube: not kinked, routed properly, not plugged up

Lenses

- Condition: not cracked, broken, no condensation inside, securely mounted

Reflectors

- Condition: not cracked, broken, securely mounted

Wiring

- Condition: no fraying, chafing, in tact insulation
- Routing: not pinched, no interference or pulling at steering head or at suspension; no sharp angles; wire looms in place

- Connections: tight and clean

Head Lamp

- Condition: no cracks in glass; reflector clean and silvered; solid mounting; adjuster works
- Aim - height, right/left

OIL

Levels

- Engine: check warm on centerstand
- Hypoid Gear: transmission, drive shaft
- Hydraulic Fluid: brakes and reservoir, clutch
- Coolant: check cold in reservoir and/or recovery tank
- Fuel: look in tank or rely on gauge

Leaks

- Engine: gaskets, housings, seals
- Hypoid Gear: gaskets, seals, breathers
- Hydraulic Fluid: hoses, master cylinder, calipers
- Coolant: radiator, hoses, tank
- Fuel: lines, caps, carbs

CHASSIS

Frame

- Condition: no cracks at gussets; accessory mounts secure; no paint lifting, peeling

Steering Head Bearings

- Condition: no detent or tight spots on full travel
- check - forks for play by raising front wheel and push/pull

Swingarm Bushings/Bearings

- Condition: no play
- check by raising wheel and push/pull

Suspension

- Forks: smooth travel, equal air pressure if anti-dive
- Shocks: smooth travel, equal air pressure pre-load or equal damping settings; linkage moves freely with adequate lubrication

Chain/Belt

- Tension: check at tightest point, set to specs
- Lubrication: (chain only) check side plates when hot
- Sprockets: securely mounted; teeth are not hooked

Fasteners

- Threaded: tight; no missing bolts or nuts
- Clips: none broken or missing
- Cotter Pins: all in place; none broken

KICKSTAND

Centerstand

- Condition: no cracks; not bent
- Retention: springs in place; stays up firmly

Sidestand

- Condition: no cracks; not bent
- safety cut-off switch operates
- Retention: springs in place; stays up firmly