

T-CLOCK is an acronym for:

Tires & **W**heels, **C**ontrols, **L**ights, **O**il, **C**hassis, **K**ickstand.

It is the most complete pre-ride check you can do and it was devised by the MSF. It should also suffice as an annual pre-inspection check in Virginia and DC.

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, intact 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**