

MOTORCYCLE SAFETY INSPECTION CHECKLIST

T — TIRES AND WHEELS

Item	Check	Look for	Check off
Tires	Condition	Tread depth, wear, weathering, evenly seated, bulges, embedded objects	Front - Rear
	Air Pressure	Check when cold, adjust to load and 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—5mm; spin wheel, index against a 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 outside	Front - Rear

C — CONTROLS

Item	Check	Look for	Check off
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, chafing, or 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	

L — LIGHTS

Item	Check	Look for	Check off
Battery	Condition	Terminals clean and tight electrolyte level, held down securely	
	Vent Tube	Not kinked, routed properly, not plugged	
Lenses	Condition	Cracked, broken, securely mounted, excessive condensation	
Reflectors	Condition	Cracked, broken, securely mounted	
Wiring	Condition	Fraying, chafing, 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	

T-CLOCK was developed by the Motorcycle Safety Foundation to assist motorcycle drivers in completing a comprehensive pre-ride (or pre-purchase) inspection of a motorcycle. T-CLOCK is easily memorized and very useful. The individual letters stand for the specific areas to be checked:

T — Tires and Wheels

C — Controls

L — Lights

O — Oil

C — Chassis

K — Kickstand

This T-CLOCK inspection should be conducted at least twice a year to ensure safe riding.

O — OIL

Item	Check	Look for	Check off
Levels	Engine Oil	Check warm on center stand, dipstick, sight glass	
	Hypoid Gear Oil	Transmission, rear drive shaft	
	Hydraulic Fluid	Brakes, clutch, reservoirs, or sight glass	
	Coolant	Reservoir and/or coolant recovery tank — cool only	
Leaks	Fuel	Tank or gauge	
	Engine Oil	Gaskets, housings, seals	
	Hypoid Gear	Gaskets, seals, breathers	
	Hydraulic Fluid	Hoses, master cylinders, calipers	
	Coolant	Radiator, hoses, tanks, fittings, pipes	
Fuel	Lines, fuel taps, carburetors		

C — CHASSIS

Item	Check	Look for	Check off
Frame	Condition	Cracks at gussets, accessory mounts, look for paint lifting	
	Steering Head Bearings	No detent or tight spots through full travel, raise front wheel, check for play by pushing and pulling forks	
	Swing Arm Bushings/ Bearings	Raise rear wheel, check for play by pushing and pulling swing arm	
Suspension	Forks	Smooth travel, equal air pressure and damping, and anti-dive settings	
	Shock(s)	Smooth travel, equal preload, air pressure and damping settings, linkage moves freely and is lubricated	
Chain/Belt	Tension	Check at tightest point	
	Lubrication	Side plates when hot (note: do not lubricate belts!)	
	Sprockets	Teeth not hooked, securely mounted	
Fasteners	Threaded	Tight, missing bolts, nuts	
	Clips	Broken, missing	
	Cotter Pins	Broken, missing	

K — KICKSTAND

Item	Check	Look for	Check off
Centerstand	Condition	Cracks, bent	
	Retention	Springs in place, tension to hold position	
Sidestand	Condition	Cracks, bent (safety cut-out switch and pad, if equipped)	
	Retention	Springs in place, tension to hold position	



Adapted from Motorcycle Safety Foundation materials
www.msf-usa.org

MANDATORY PERSONAL PROTECTIVE EQUIPMENT & REQUIREMENTS

DODI 6055.4-

DoD Traffic Safety Program



RiderCourse®
COMPLETION CARD

NAME _____

SPONSOR _____

STATE _____

The board of this court has successfully completed a rider-skill training course that meets the requirements established by the Motorcycle Safety Foundation, 15000 Irvine Blvd., Ste. 150, Irvine, CA 92618-3806. This card is not a permit or license and may not be used as such.

E 000000 INSTRUCTOR'S SIGNATURE AND I.D. # _____

FATALITIES

FY00 FY01 FY02

113 99 113

as of 3 Dec 2002

Goggles and Face Shields. Impact- or shatter-resistant goggles or full-face shield properly attached to helmet.

Helmets. Certified to meet Department of Transportation (DOT) standards and properly fastened under the chin.

Garment Visibility. A brightly colored outer upper garment during the day and a reflective outer upper garment during the night. Outer upper garment shall be clearly visible and not covered.

Clothing. Long-sleeved shirt or jacket, long trousers, and full-fingered gloves or mittens designed for use on a motorcycle.

Sturdy Footwear. Leather boots or over-the-ankle shoes are strongly encouraged.

Contact your local safety office for training requirements.

