

1. **FUEL:** Check for fuel capacity in the tank and for any fuel leaks.
2. **ENGINE OIL LEVEL:** Check the engine oil level (page 99 of the RS User Manual). This is undertaken when the oil is at its normal operating temperature with the RS upright on 2 wheels on level ground, off its stand and with the oil dipstick cleaned with a clean/smooth cloth and then screwed fully home before being removed to take the oil level reading which should be just above the crossed line engravings on the dipstick. Top up with 10W/40 or 10W/50 fully synthetic high-performance motorcycle engine oil that meets specification API SH (or higher) and JASO MA.
3. **COOLANT:** Check the coolant expansion tank with the motorcycle in an upright position on 2 wheels on level ground. The tank must have its top cap in place and the coolant level should be between **minimum** and **maximum**. Only use Triumphs own coolant HD4X Hybrid OAT to top up as it contains the proper inhibitors to prevent rust and sludge building up in the coolant system.
4. **BRAKE FLUID:** Check for brake fluid leakage and that the front and rear brake fluid reservoir levels are sitting between minimum and maximum when the motorcycle is upright on level ground, off its stand and on 2 wheels.
5. **CHAIN:** Check the chain for proper oil lubrication and chain linkage free movement. Check the rear sprocket for any wear and tear on the teeth. Check the chain slack which should be between 21mm and 30mm. This is done with the RS off its stand and standing upright on level ground on 2 wheels. The measurement is taken by moving the RS until the chain tightens on it's sprockets and take the play measurement midway between the sprockets by using a ruler to measure the lowest part of the chain droop from the ground and then move the chain upwards as far as it will go with your finger and measure the movement distance on the ruler.
6. **TYRES:** Check the tyres for cuts/abrasions and for tyre pressure when cold (42psi rear – 34psi front) and using a tyre gauge check for depth of tread (speeds under 80mph - minimum 2mm 0.08inches) (Speeds over 80mph – minimum front 2mm 0.08inches, minimum rear 3mm 0.012inches) The tyres also have wear ridge markings between the treads that you can use for a visible check and the tyre is replaced when the tread is worn down to any of the ridge marks.
7. **LIGHTS/INDICATORS/HORN:** Check all the lights, indicators and brake stop light work. Check the brake stop light, using the front and rear brakes independently. Check the horn switch works the horn.
8. **STEERING/FRONT FORKS:** Check the steering and front forks for smooth action with no fouling of cables and the front forks for oil leaks from the seals.
9. **BRAKES:** Check the front and rear brakes for smooth operation of the brake levers and braking effectiveness.
10. **THROTTLE:** Check the throttle grip at all steering angles for correct 2-3mm play and that the throttle grip returns to its normal position when let go. **WARNING:** Page 75 states it is 2-3mm whilst Page 60 states it is 1-2mm play – I will select 2mm.
11. **CLUTCH:** Check the clutch for smooth operation at all steering angles and also ensure the correct play of 2-3mm on the clutch lever at all steering angles, when the lever is released. Make sure the clutch lever locknut is tightened.
12. **FIXTURES:** Visibly check the steering, suspension, axles, controls and all nuts/bolts/fasteners are properly tightened.
13. **BRAKE PADS:** There should **be more** than 1.0mm brake material on the front brake pads and 1.5mm on the rear.
14. **STAND:** Check the motorcycle stand properly swings up and is fully retained against the bodywork by the return spring.
15. **ENGINE STOP SWITCH:** Check the engine stop switch, stops the engine.

For any Adjustments + Full Maintenance Checks – Refer to the RS User Manual Maintenance Section