

SERVICE INFORMATION  
No. 1/64 (215) en.

Motorcycles, 1 & 2 cylinder models  
Group: Maintenance Services

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4. On the two-cylinder models check the oil level in the right rear swinging arm, drain the oil for this purpose.
5. Check air intake filter cartridge - Carefully tap off any dust which may have accumulated in the filter element (on no account wash it out), renew the cartridge when clogged. On the R 26 and R 27 models, which are still equipped with wet air cleaners, wash out the filter element and re-oil it.
6. Check steering, wheel bearings, front and rear swing-arm pivot bearings for play.
7. Check bolts and nuts for tightness, particularly the axle spindle nuts and the pertaining clamp screws, suspension unit retaining bolts, front and rear, attachment of transmission to engine, cylinder flange nuts etc. Caution! Tighten axle spindle nuts without applying tommy bar.
8. Check and adjust the play in the control cables as required; if necessary remove and grease throttle twist grip.
9. Check spark plugs and gap settings (0.028").
10. Check contact breaker gap (0.014" - 0.016"), lubricate bearing bushing of centrifugal advance unit and breaker lubricating felt with Bosch grease Ft 1v4, and check that the felt rests properly on the cam.
11. Check ignition timing.
12. Clean carburetor and the screen filter in the fuel shut-off.
13. With engine cold, check cylinder head retaining bolts for the specified torque (25.3 ft.lbs.), and retighten if necessary.
14. Subsequently check valve clearance and adjust if required (Intake 0.006", Exhaust 0.008").
15. Carry out the final check, together with test for driving safety (tires, tire pressure, brakes, steering, lighting system) and adjust carburetor idling if necessary.

Major Maintenance (at the following mileage: 16,000, 32,000, 48,000, 64,000 etc.)

1. Minor maintenance, but additionally, carry out the following:
2. Remove oil pan, when changing engine oil, clean oil pan and screen.

Change oil in rear wheel drive and on the two-cylinder models also the oil in the right rear swinging arm.

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