

1966 Citroën DS 21 BVH Pallas model Service Schedule

EVERY 3,000 MILES

1. Drain engine oil when hot and refill with 10W/30 Multigrade. In temperatures above 30°C, a 20W/40 should be used. Change oil annually if mileage has not reached 3,000 since the last oil change. The sump holds 8pints (4.5 litres).
2. Grease the driving shaft universal joints. One nipple on each side. Use adhesive grease. DO NOT OVERGREASE.
3. Grease the ball ends of the front anti-roll bar. Two nipples on EACH side. These nipples are accessible through the anti-splash panels, after removing the two rubber bungs each side.
4. Grease the front anti-roll bar bearings. One nipple on each side. These nipples are accessible through a hole on the triangular shaped protective plate on the floor pan, directly underneath the suspension arms. Both holes are again protected by rubber bungs.
5. Apply a few drops of oil to the lubricating hole on the horn aircompressor.
6. Check electrolyte levels in the battery. Top up with distilled water. Check security of the battery terminals and smear with Vaseline.
7. Check level of coolant in the radiator. Top up if necessary with a mix of one third concentrated antifreeze and two thirds water. If radiator is overfilled, excess will eventually vent from the drain tube at the bottom of the radiator. This is normal.
8. Check tyre pressures including the spare. 27 lbs/sq in FRONT and SPARE, 24 lbs/sq in REAR.
9. Place car in 'high' position and with engine running, check level of oil in hydraulic reservoir. Top up if necessary with LHM.
10. With an oil can, sparingly lubricate all door locks.
11. Replenish windscreen washer bottle. Check condition of wiper blades.

EVERY 6,000 miles - IN ADDITION TO 3,000 MILE ITEMS.

1. Change the engine oil filter at the same time as the oil is changed. Change the filter every two years, if mileage has not reached 6,000 since the last filter change. After a filter change, the sump holds 8.8 pints (5 litres).
2. Check gearbox oil level. It should be level with the filler plug. Top up until oil runs out of the filler plug. Use SAE 90 Hypoid.
3. Clean the hydraulic reservoir nylon mesh filter. Wash thoroughly in petrol.
4. Apply a few drops of oil to the rear bearing on the dynamo. use SAE 20 or 30.
5. Clean and adjust the contact breaker gap to 0.4mm. Apply a smear of Vaseline to the felt under the rotor arm of the contact breaker. Clean and adjust the sparking plug gaps to 0.60mm. The plug type is Marchal 35B. Initial advance is 12° BTDC
6. Clean the filter fitted underneath the securing nut of the fuel pipe feed to the Weber carburettor.
7. Wash air filter element in petrol. Dry, liberally coat with engine oil and allow to drain before refitting.
8. Check operation of all exterior lights and internal warning lights.

EVERY 12,000 miles - IN ADDITION TO 3,000 MILE ITEMS.

1. With engine hot, drain and refill gearbox oil. Use SAE 90 Hypoid. Oil capacity is 2 litres (3.5 pints).
2. Dismantle, clean and re-grease the rear suspension push-rod balls. Use copper grease on the retaining pins.
3. Check and adjust if necessary, the idle and accelerated idling speeds to 550rpm and 950rpm respectively.
4. Unzip radiator shroud and clean out any debris within.
5. Adjust the rear brakes.
6. Change the sparking plugs.
7. Adjust the tappets. Inlet - .20mm (.008"). Exhaust - .25mm (.010")

Order of adjustment:

EXHAUST valve fully open on cylinder:	Adjust INLET on cylinder	Adjust EXHAUST on cylinder:
1	3	4
3	4	2
4	2	1
2	1	3

NB: No 1 cylinder is nearest the radiator.

EVERY 18,000 miles - IN ADDITION TO 3,000 MILE ITEMS.

1. With the engine hot, drain and refill the hydraulic system as well as cleaning the filter. Refill with LHM oil.
2. Check the front brake pads for wear and the disks for scoring and run-out, which must not exceed 0.15mm.