

D Special DS21 DS21 Pallas



TECHNICAL SPECIFICATIONS CITROEN DS-21

Displacement—cc: 2175 cc. **Displacement—cu. in.:** 132.7 cu. in. **Compression Ratio:** 8.75 to 1. **SAE Power @ rpm:** 117 bhp @ 5750 rpm. **Max. Torque S.A.E.:** 126 ft./lbs. @ 3000-3500 rpm. **Central Spark Plug Location:** Yes. **Bore:** 3.5 in. 90 mm. **Stroke:** 3.3 in. 85.5 mm. **Combustion Chamber:** Hemispherical. **Cylinder Head:** Aluminum alloy. **Intake Manifold:** External. **Oil Filter:** Internal with bi-pass, plus screen in sump. **Radiator:** Copper core 60 mm. **Cooling System:** Water pump & thermostat. **Fan:** 8 Blade nylon. **Fuel Pump:** Mechanical. **Alternator:** 35A x 12V with voltage regulator. **Battery:** 12 Volt-55 AH. **Valve Arrangement:** 60—OHV. **Carburetor:** Double barrel Weber 28 x 36 DDE. **Exhaust:** Dual system with rear expansion chamber. **Cam Shaft:** 4 bearings, high lateral position chain drive. **Pistons:** Recessed dome. **Connecting Rods:** Positive centered cap. **Crankshaft: Main Bearings:** 5. **Clutch:** Single Plate Dry Type. **Gear Box:** 4 speed fully synchromesh with manual shift, or New Quick-Action CITROMATIC-DRIVE depending on model. **Citromatic-Drive:** Automatic hydraulic Quick-Action control with centrifugal governor and new throttle regulator. **Final Drive:** Spiral Bevel—8 x 35, 4.375 to 1. **Gear Ratios:** 1st—14.21 to 1, 2nd—8.05 to 1, 3rd—5.30 to 1, 4th—3.73 to 1, R—13.80 to 1. **Drive Shaft:** Double constant velocity tripod universals. **Front Wheel Drive:** Standard. **Brakes: Power assisted Dual Independent System with Proportional action:** Front: Inboard Disc with two opposed pistons caliper. Rear: Drum.

Emergency Brakes: Mechanical on front disc: Autonomous system with separate pads. **Brake pressure warning:** Light on dash. **Brake Pad Wear Warning:** Light on dash. **Brake Cooling:** Large underpan ducts. **Exhaust Emission:** Controlled by Air Injection. **Steering System:** Rack & Pinion, 3/4 turns lock-to-lock. Power assist standard. **Wheels:** Steel, 5 studs. **Tires: New All-Weather Michelin Radial Steel Cord with Asymmetrical Construction and Tread Design:** 180 x 380 size. Front pressure: 30 lbs. Rear pressure: 27 lbs. **Suspension System:** Hydropneumatic. **Variable Ground Clearance:** Yes. **Power Jacking:** Yes. **Constant Level Ride:** Yes. **Integral Hydropneumatic Shock Absorbers:** Special High Speed. **1 Piece Body Frame All Steel Construction:** Yes. **Factory Rust Proofing:** Prepaint by electrophoresis. **Underpan:** Full length. **Headlights:** Sealed beam, U.S. Model. **Horns:** Custom triple. **Weight:** 2855 lbs. sedan. **Safety Glass As-1 As-2:** Yes. **Tinted Glass:** Optional. **Wheelbase:** 123". **Overall length:** 190.5". **Overall Width:** 70.5". **Trunk Capacity:** 17.5 cu. ft. **Fuel Tank Capacity:** 17 gallons. **Crank Case Capacity:** 4 quarts. **Gear Box Capacity:** 2 quarts. **Radiator Capacity:** 11 qts. Single Heater. 14 qts. Dual. **Gas Mileage:** 25/27 mpg. **Heater & Defrosters with Electric Blower:** Standard. **Rear Window Defroster:** Standard. **Custom Deluxe Equipment:** "Pallas" model. **Custom Leather Interior:** Optional on "Pallas." **Folding Rear Center Arm Rest:** Standard. **Folding Front Center Arm Rest:** Optional. **Custom Air Conditioning:** Optional—Factory Installed. **Custom AM-FM or AM Radios:** Optional. **Roof Antenna:** Optional. **Reclining Bucket Seats:** Standard. **"Leather-Tex" Upholstery:** No

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cost option.—N/A on Pallas. **Dual 2-Speed Electric Wipers:** Standard. **Dual Windshield Washers:** Standard. **Cigarette Lighter:** Standard. **Precision Electric Clock:** Standard. **Models Available:** Sedan: 5 passengers, 4 doors. **Station Wagon:** 7/9 passengers.

TECHNICAL SPECIFICATIONS CITROEN D SPECIAL

Displacement—cc: 1985 cc. **Displacement—cu. in.:** 121.1 cu. in. **Compression Ratio:** 8 to 1. **SAE Power:** 91 bhp @ 5750 rpm. **Max. Torque SAE:** 106 ft./lbs. @ 3000 rpm. **Bore:** 86 mm—3.3 in. **Stroke:** 85 mm—3.3 in. **Combustion Chamber:** Hemispherical aluminum Alloy head. **Valve Arrangement:** 60—OHV—Rotating. **Cylinders:** Detachable wet sleeves. **Carburetor:** 34 PBIC Solex with dashpot. **Battery:** 12 Volt-60 AH. **Alternator:** 35A x 12 V. with voltage regulator. **Pistons:** Domed type. **Camshaft:** High lateral position chain drive, 4 bearings. **Crankshaft:** 5 Main bearings. **Oil Filter:** Internal with bi-pass plus screen in sump. **Cooling System:** Water pump and thermostat. **Exhaust:** Dual System. **Exhaust Emission Control:** By Air Injection. **Clutch:** Single Plate Dry Type. **Gear Box:** 4-speed fully synchromesh with manual shift. **Final Drive:** Spiral Bevel—8 x 35, 4.375 to 1. **Gear Ratios:** 1st—14.23 to 1, 2nd—7.91 to 1, 3rd—5.27 to 1, 4th—3.73 to 1. Rear—13.80 to 1. **Front Wheel Drive:** Drive Shaft with constant velocity universals. Inner: tripod. Outer: double. **Braking System:** Dual Independent circuits with proportional action: Front: Inboard Discs with underpan cooling ducts. **Power Assist:** Standard. Rear: Drums. **Emergency Brakes:** Autonomous system with pads on Front Discs. **Steering System:** Rack and Pinion Power Assist. Optional.

Turning Circle: 36 feet. **Wheels:** Steel, 5 studs. **Tires:** Radial Standard 180 x 380. **Pressure:** Front 30 lbs. Rear: 27 lbs. **Suspension System:** HYDROPNEUMATIC with: Adjustable ground clearance. Power jacking. Constant level ride. Anti-roll bars Front & Rear. **Body Construction:** All Steel Body-Frame Unit. **Factory Rust Proofing:** Prepaint by Electrophoresis. **Headlights:** 4 sealed beams (U.S. models). **Windshield Wipers:** 2-speed Electric. **Windshield Washers:** Dual Standard. **Safety Glass:** As-1 As-2. **Tinted Glass:** Optional. **Horns:** Dual Standard. **Weight:** 2855 lbs. sedan. **Wheelbase:** 123". **Overall length:** 190.5". **Overall Width:** 70.5". **Overall Height:** 58". **Track:** Front: 59". Rear: 51". **Ground Clearance:** Normal: 5 3/4". Adjustable to 11 1/4". **Fuel Tank Capacity:** 17 gallons. **Crankcase Capacity:** 5/4 quarts. **Gear Box Capacity:** 2 quarts. **Radiator Capacity:** 11 qts. Single Heater. 14 qts. Heavy Duty Heater. **Speed:** Over 100 mph. **Gas Mileage:** Up to 30 mpg. **Heater & Defrosters with Electric Blower:** Standard. **Rear Window Defroster:** Standard. **Safety Belts:** Front: 2 Harness Type II. Rear: 2 Lap belts Type I. **Reclining Bucket Seats:** Standard. **Seat Height Adjuster:** 9 position—Optional. **Vinyl Upholstery:** Standard. **Folding Rear Center Armrest:** Standard. **Front Center Armrest:** Optional. **Headrest:** Standard. **Electric Clock:** Standard. **Trunk capacity:** 17.5 cu. ft. **Custom Air Conditioning:** Optional—Factory Installed. **Models Available:** D Special, 4-door.

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mpg. **Heater & Defrosters with Electric Blower:** Standard. **Rear Window Defroster:** Standard. **Safety Belts:** Front: 2 Harness Type II.