

Ford Explorer 4 Sohc V6

The M5OD ended production in December 2011, being last used in the 2011 Ford Ranger. 25ef65376a The M5OD is fully synchronized on all gears, including reverse. The synchronized reverse gear was one of the main features of the new units, to protect internal components from being damaged by inadvertent operation by the customer, and was protected by US Patent 4,757,726. The transmission has an integral bellhousing, making the power plant stiffness high enough to avoid harmful resonance. The transmission uses a hydraulic clutch setup and has an internal slave cylinder, which is a source of frustration for anyone having a slave cylinder failure, as it requires the entire transmission to be removed. 25ef65376a The Bordeaux Automatic Transmission Plant, in Blanquefort, France (in the Bordeaux metropolitan area) produces automatic transmissions for a variety of rear-wheel drive vehicles. The facility opened in 1973 and was shortly followed by an expansion, the Bordeaux Transaxle Plant, in 1976 to focus on automatic transmissions for front-wheel drive Fords. Bordeaux Automatic Transmission's first product was the C3 3-speed automatic transmission for the Ford Pinto. The C3 design was succeeded by the A4LD 4-speed automatic during the mid-1980s and was in turn succeeded by the 4R44 and 4R55 4-speed automatics during the mid-1990s. The Bordeaux Automatic Transmission Plant's current products are the 5R44 and 5R55 5-speed automatic transmissions. 25ef65376a 391 FT V8 25ef65376a

List of Ford bellhousing patterns A list of bell housing patterns for General Motors transmissions is also available, as is a list of engines for Ford Motor Company. 0L Powerstroke The following is a list of Ford bellhousing patterns. 0L Duratec V6 3. 0L Coyote DOHC V8 5. 5L/3. 4L DOHC SHO V8 4. British Essex V6). 4L SOHC/DOHC V8 6. 6L SOHC/DOHC V8 (later castings, F3VE and up) 5. 2 25ef65376a

360 V8 25ef65376a Through its production, the model line has served as a close rival to the Chevrolet S-10 and its Chevrolet Colorado successor (and their GMC counterparts), with the Ranger as the best-selling compact truck in the United States from 1987 to 2004. From 2012 to 2018, the Ranger model line was retired in North America as Ford concentrated on its full-size F-Series pickup trucks. For the 2019 model year, Ford introduced a fourth generation of the Ranger (after a seven-year hiatus). The first mid-size Ranger in North America, the model line is derived from the globally marketed Ford Ranger (revised to fulfill North American design requirements). 25ef65376a 390 V8 25ef65376a

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Ford Ranger (international) The 1998–2011 international Ranger models were jointly developed with Mazda, sharing the same assembly line and most parts with the Mazda B-Series and its successor, the Mazda BT-50. The vehicles are mainly produced in Rayong, Thailand and Pretoria, South Africa. It was mated with the short-stroke 4. It is a successor of the Ford Courier as the Mazda-based Ford global pickup. 0-litre SOHC Cologne V6 engine, previously re-engineered for the Ford Explorer, which produces 154 kW (209 PS; 207 hp) The international or global version of the Ford Ranger is a series of pickup trucks sold by Ford under the Ranger nameplate mainly for markets outside the Americas since 1998 25ef65376a

== First generation (PE/PG/PH; 1998) == 25ef65376a In February 2009, Ford confirmed its intent to sell the Bordeaux Automatic Transmission Plant for an undisclosed sum to a French company, HZ Holding France SAS, which owns a steel forging operation near Metz. Though the sale will be completed as early as April 2009, the plant will continue to provide transmissions... 25ef65376a The first-generation Ranger was produced from 1998 to 2006, with a facelift in 2002. The 2006–2011 second-generation Ranger was introduced after the B-Series was replaced by the Mazda BT-50. The globally-marketed T6 Ranger has been produced since 2011. In contrast to the previous versions, the T6 platform-based Ranger was designed by Ford Australia, and is also marketed in North America since 2019. 25ef65376a 352 V8 25ef65376a

Ford Cologne V6 engine 0-litre SOHC The Ford Cologne V6 is a series of 60° cast iron block V6 engines produced by the Ford Motor Company from 1962 to 2011 in displacements ranging from 1. All except the Cosworth 24v derivative and later 4. 4, 2. 0 litres. 3, 2. These engines were also used in the United States, especially in compact trucks. V6 was offered in displacements of 1. 6 cu in) to 4. 9, and 4. Later, the Cologne V6 largely replaced the Essex V6 for British-market vehicles. 8, 2. 6, 2. Originally, the Cologne V6 was installed in vehicles intended for Germany and Continental Europe, while the unrelated British Essex V6 was used in cars for the British market. 8, 2. 0 L (4,000 cc; 244. 8 L (1,812 cc; 110. 0, 2. 1 cu in) 25ef65376a

330 FT V8 25ef65376a

Mazda M5OD transmission R2 versions have been used in the F-150, Econoline Van, full size Bronco, and the Cougar/Thunderbird with the supercharged V6. Two variants, light-duty R1 and medium duty R2, were made. 0 L SOHC V6 engine)[citation The M5OD (Mazda 5-speed with Over Drive) is a line of manual transmissions produced by Mazda and used in

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Mazda and Ford cars and trucks. 1988–2011 Ford Ranger 1988–1990 Ford Bronco II 1988–1995 Ford Aerostar 1991–2000 Ford Explorer 2001–2003 Ford Explorer Sport (4. R1 transmissions have been used in the Ford Ranger, Explorer, Aerostar, and Bronco II 25ef65376a

Ford Explorer Sport Trac Sized between the Ranger (whose crew cab variants were sold outside of North America) and the F-150, the Sport Trac largely competed against crew-cab variants of the midsize Chevrolet Colorado/GMC Canyon, Dodge Dakota, Nissan Frontier, and Toyota Tacoma. The first mid-sized pickup truck produced by Ford, the Sport Trac was marketed from the 2001 to the 2010 model years (skipping the 2006 model year). The Ford Explorer Sport Trac (also shortened to Ford Sport Trac) is a mid-size pickup truck that was manufactured and marketed by Ford Motor Company for The Ford Explorer Sport Trac (also shortened to Ford Sport Trac) is a mid-size pickup truck that was manufactured and marketed by Ford Motor Company for the North American market 25ef65376a

Ford Explorer In 2020, the Explorer became the best-selling SUV in the American market. For 2000, Ford added flex-fuel capability to the Explorer for the first time. As with the Ford Ranger, the model line derives its name from a trim package previously offered on Ford F-Series pickup trucks. Super Duty trucks). The flex-fuel SOHC V6 and chassis were mated to an aluminum The Ford Explorer is a range of SUVs manufactured by the Ford Motor Company since the 1991 model year. The first five-door SUV produced by Ford, the Explorer, was introduced as a replacement for the three-door Bronco II 25ef65376a

332 V8 25ef65376a 428 V8 25ef65376a Currently in its sixth generation, the Explorer has featured a five-door wagon body style since its 1991 introduction. During the first two generations, the model line included a three-door wagon (directly replacing the Bronco II). The Ford Explorer Sport Trac is a crew-cab mid-size pickup truck derived from the second-generation Explorer. The fifth and sixth generations of the Explorer have been produced as the Ford Police Interceptor Utility (replacing both the Ford Crown Victoria Police Interceptor and the Ford Police Interceptor Sedan). 25ef65376a 410 Mercury V8 25ef65376a

Mercury Mountaineer 0-liter SOHC V6 was offered as an option. Across its three generations, the Mountaineer was marketed exclusively as a 5-door wagon, with no counterpart to the 3-door Explorer Sport or the Explorer Sport Trac pickup truck. The first Mercury SUV, the Mountaineer was a divisional counterpart of the Ford Explorer, marketed above it and between the Lincoln Aviator (ultimately replacing the latter). Like the Ford Explorer, the V8 engine The Mercury Mountaineer is a mid-size luxury sport utility

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vehicle (SUV) that was sold by Mercury from 1996 until 2010. V8 with a 4-speed automatic transmission. For 1998, the 205 hp (153 kW) 4
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== Origins == 25ef65376a Produced over two generations, the Ford Explorer Sport Trac shared its chassis and much of its body from the Ford Explorer SUV (with the pickup truck bed designed specifically for the model line). All production was sourced from the Louisville Assembly Plant in Louisville, Kentucky (taking the place of the Ford Ranger). 25ef65376a In the early 1980s, then-Ford Motor Company chief operating officer Donald Petersen challenged Ford's vice-president of design, Jack Telnack, and his staff to come up with new vehicle designs to replace the boxy styling that had dominated Ford products for years. The result was the adoption of sleeker, more aerodynamic designs... 25ef65376a The Modular engine family started with the 4.6 L in 1990 for the 1991 model year. The Modular engines are used in various Ford, Lincoln, and Mercury vehicles. Modular engines used in Ford trucks were marketed under the Triton name from 1997–2010 while the InTech name was used for a time at Lincoln and Mercury for vehicles equipped with DOHC versions of the engines. The engines were first produced at the Ford Romeo Engine Plant in Romeo, Michigan, then additional capacity was added at the Windsor Engine Plant in Windsor, Ontario. 25ef65376a

Ford Modular engine The 3 valve SOHC V8s in non-FPV vehicles are named "Barra" by Ford Australia. Ford Australia 4-valve DOHC The Ford Modular engine is an overhead camshaft (OHC) V8 and V10 gasoline-powered small block engine family introduced by Ford Motor Company in 1990 for the 1991 model year. The term “modular” applied to the setup of tooling and casting stations in the Windsor and Romeo engine manufacturing plants, not the engine itself. DOHC 5. 4 L V8s are named Boss by Ford Australia 25ef65376a

== Applications == 25ef65376a == FE Gen 1 and Gen 2 pattern == 25ef65376a 361 FT V8 25ef65376a == Background == 25ef65376a The first three generations of the Ranger were produced by Ford at its Louisville Assembly (Louisville, Kentucky... 25ef65376a

Ford Ranger (Americas) Introduced in early 1982 for the 1983 model year, the Ranger is currently in its fifth generation. 0L V6. Developed as a replacement for the Mazda-sourced Ford Courier, the model line has been sold across the Americas; Ford of Argentina began production of the Ranger for South America in 1998. The standard engine The Ford Ranger is a range of pickup trucks manufactured and marketed by Ford Motor Company in North and South America under the Ford Ranger nameplate.

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brake calipers from the Ford Explorer; four-wheel anti-lock brakes were standardized on Rangers with 4-wheel drive and/or the 4 25ef65376a

The Cologne V6 was designed to be compatible in installation with the Ford Taunus V4 engine, having the same transmission bolt pattern, the same engine mounts, and in many versions, a cylinder head featuring "siamesed" exhaust passages, which reduced the three exhaust outlets down to two on each side. The latter feature was great for compatibility, but poor for performance... 25ef65376a As Ford developed the fifth-generation Ford Explorer as a unibody crossover for the 2011 model year, the Sport Trac was phased out of the model line, with production ending in October 2010. Closely matching the Sport Trac in size, the fourth-generation Ford Ranger serves the same market function... 25ef65376a For its entire production, the Mountaineer was assembled by Ford at its Louisville Assembly facility (Louisville, Kentucky); prior to 2007, additional production was sourced from St. Louis Assembly (Hazelwood, Missouri). After the 2010 model year, the Mountaineer was discontinued, becoming the second Mercury line (after the Sable) to be discontinued before Mercury was withdrawn at the end of 2010. 25ef65376a 427 V8 25ef65376a 406 V8 25ef65376a

Ford C3 transmission applications, specifically with the 4. 0 L Cologne V6 used in vehicles like the said Ford Ranger or Ford Explorer. The 4R55E was short-lived however as it was The Ford C3 transmission and its descendants are a family of light-duty longitudinal automatic transmissions built by the Ford Motor Company 25ef65376a

During its production run the Cologne V6 was offered in displacements of 1.8, 2.0, 2.3, 2.4, 2.6, 2.8, 2.9, and 4.0 litres. All except the Cosworth 24v derivative and later 4.0-litre SOHC engines were pushrod overhead-valve engines, with a single camshaft between the banks. 25ef65376a The Explorer is slotted between the Ford Edge and Ford Expedition within North America's current Ford SUV range. The model line has undergone rebadging several times, with Mazda, Mercury, and Lincoln each selling derivative variants... 25ef65376a

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