

6f50 Transmission Manual

List of Ford transmissions

Ford Ranger (Note: Global excluding USA) 2007–present 6F50—6-speed transaxle, Van Dyke Transmission Ford Edge, Ford Explorer, Lincoln MKX, Lincoln MKS,

The Ford Motor Company is an American car manufacturing company. It manufactures its own automobile transmissions and only purchases from suppliers in individual cases. They may be used in passenger cars and SUVs, or light commercial vehicles such as vans and light trucks.

Basically there are two types of motor vehicle transmissions:

Manual - the driver has to perform each gear change using a manually operated clutch

Automatic - once placed in drive (or any other 'automatic' selector position), it automatically selects the gear ratio dependent on engine speed and load

Basically there are two types of engine installation:

In the longitudinal direction, the gearbox is usually designed separately from the final drive (including the differential). The transaxle configuration combines the gearbox...

MERCON

This specification was revised in 2007 for use in the following transmissions: 2007 6F50 6-speed automatic transaxle 2007 6R80 6-speed automatic transaxle

Mercon represents a series of technical standards for automatic transmission fluid, developed and trademarked by Ford Motor Company. This designation serves as a mark of quality that Ford has established for fluids used in automatic transmissions. The Mercon name, which has evolved into a brand, is licensed by Ford to various manufacturers. These companies are authorized to produce the fluid according to Ford's specifications and market it under their own brand names.

The specifications outlined under the Mercon label cover various aspects such as viscosity, friction characteristics, and thermal stability, which are essential for the transmission fluid to perform under a wide range of operating conditions. This careful regulation ensures that all licensed Mercon fluids provide consistent quality...

Ford Edge

body-colored trim and optional 22-inch wheels. Standard transmission is a 6F50 6-speed automatic transmission. Safety equipment includes standard dual front airbags

The Ford Edge is a crossover SUV manufactured and marketed by the Ford Motor Company introduced for the 2007 model year as the first mid-size CUV marketed by Ford in North America. Deriving its name from a trim package of the Ford Ranger, the Ford Edge is positioned between the Ford Escape and the Ford Explorer within the Ford product line.

Production of the North American Edge ended in April 2024, with the third generation Edge (dubbed the Edge L), launched in 2023, being produced and sold exclusively in China.

Sharing its underpinnings with the Ford Fusion sedan, Ford also marketed a rebadged variant as the Lincoln MKX (since 2019, the Lincoln Nautilus). The second generation is also marketed by Ford of Europe, positioned between the Kuga (Escape) and the Explorer PHEV.

Manufacturing of the...

DEXRON

FWD transaxle (6T70/6F50). Both companies would share the designs and build their own transmissions. The design of these transmissions required a new fluid

DEXRON is the trade name for a group of technical specifications for automatic transmission fluid (ATF) created by General Motors (GM). The name was first registered as a trademark and later evolved into a brand of GM. GM licenses the name and specifications to companies that manufacture the fluid and sell it under their own brand names. Not all DEXRON fluids are licensed by GM for reselling under another brand name. To be licensed, the product must have a license number that begins with the letters B through J and include a "DEXRON Approved" sticker on its container. Like many automobile manufacturers, GM uses transmissions sourced from other suppliers or transmission manufacturers around the world; many of these may use their own unique fluid.

Originally, the DEXRON name was only associated...

Lincoln MKS

at 4250 rpm. The 6F50 6-speed automatic transmission is equipped with SelectShift, simulating the operation of a manual transmission. MY 2010: 2010 models

The Lincoln MKS is a full-size, five-passenger, front- or all-wheel drive luxury sedan manufactured by Ford and marketed by its Lincoln subdivision for model years (MY) 2009–2016 — over a single generation with an intermediate facelift.

Following the Lincoln MKR concept vehicle, Lincoln presented the MKS at the LA Auto Show in November 2007. Production began for the MY 2009 in May 2008 along with its platform-mates, the fifth generation Ford Taurus, Ford Flex, and Lincoln MKT — the so called Chicago D3's, for the plant where they were manufactured (Chicago Assembly) and the platform they shared, the D3 platform, a revised variant of Volvo's P2 platform. Sales began in June of 2008.

The MKS featured front-wheel drive, with optional all-wheel drive and the 3.5L EcoBoost twin-turbocharged V6...

Ford Taurus (sixth generation)

with a 3.5 L 24-valve DOHC Duratec V6 engine, six-speed automatic transmission, manual tilt/telescopic steering wheel with audio and cruise control functions

The sixth generation Ford Taurus is a full-size sedan manufactured and marketed by Ford for model years 2010–2019 with a mild facelift for model year 2013. While sharing the chassis underpinnings of the previous generation Taurus and the Five Hundred, the exterior and interior of the sixth generation received a complete redesign, replacing New Edge design language with Ford's Kinetic Design design language. The high-performance Ford Taurus SHO made its return, becoming the first turbocharged Taurus. Following the discontinuation of the long-running Crown Victoria Police Interceptor after 2011, Ford introduced a Taurus-based Police Interceptor Sedan for 2013.

The sixth generation became the first version of the Taurus developed without a Mercury Sable counterpart, as Mercury began to pare...

Ford Flex

by two different 3.5 L V6 engines, both paired to a 6-speed automatic transmission. The standard engine was a naturally-aspirated Duratec V6; initially

The Ford Flex is a full-size crossover SUV manufactured and marketed by Ford over a single generation from 2009–2019, as the successor to the Ford Taurus X.

The Flex was introduced in 2005 as a concept vehicle based on the Ford D4 chassis architecture, a variant of the Ford D3 platform shared with the 2011–2019 Explorer and the Lincoln MKT; the latter a rebadged variant of the Flex.

From June 2008 until its withdrawal, the Ford Flex was manufactured by Ford Canada at Oakville Assembly (Oakville, Ontario); the Flex and the Lincoln MKT were produced alongside the Ford Edge and Lincoln MKX (today, Lincoln Nautilus). The Flex was marketed in the United States, Canada, Mexico, and the Middle East — with production reaching just over 300,000.

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