



FORD COMPONENT SALES, LLC

Ford 10R80: 10-Speed Automatic Transmission

Technical Specifications

Converter Size and Type: 260 mm with turbine damper

Converter Stall Ratio: 1.82:1

Lubricant Capacity (qt.): 12.2

Planetary: Simple (4)

Helical Gears: All

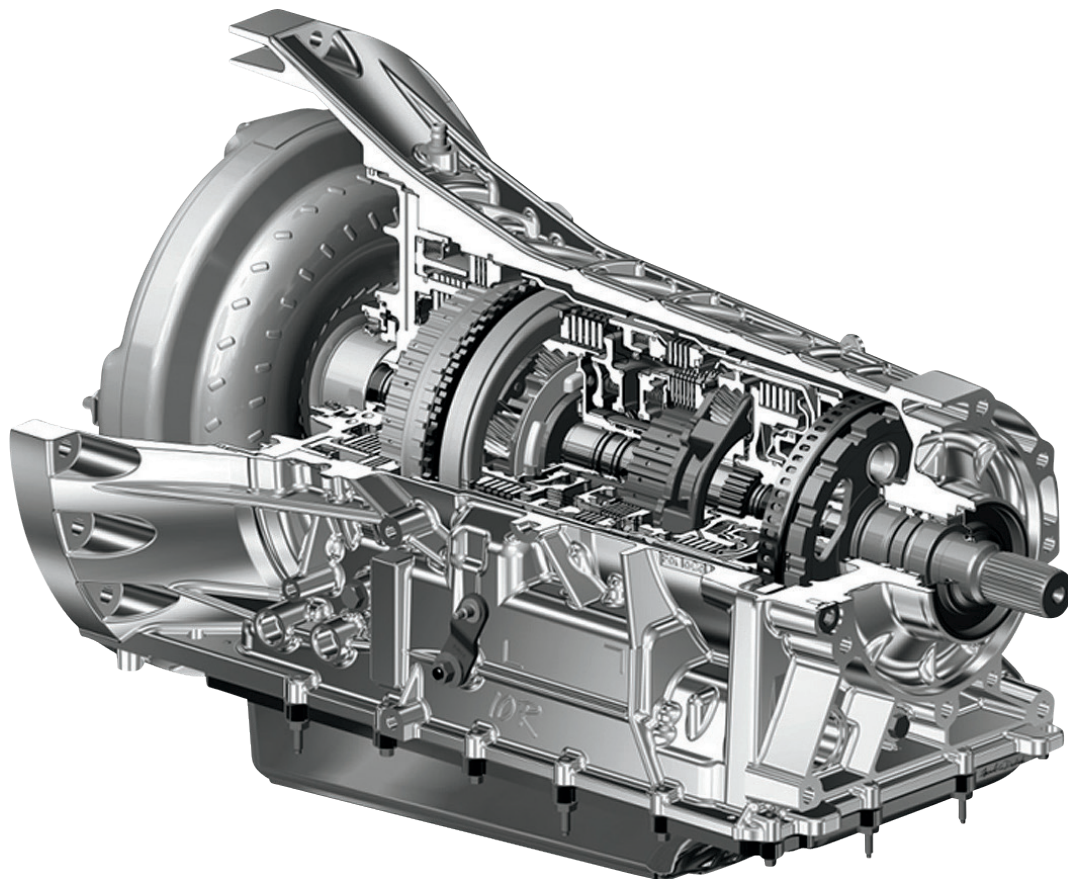
Oil Cooler: Not available

Turbine Speed Sensor System:
Yes with (4) internal speed sensors

Fully Electronic Shift Scheduling:
Yes

Weight (with Fluid): 231 lbs. (4x2)
/ 234 lbs. (4x4)

Fluid Cap. / Spec: 13 qts. (12.3L)
Mercon ULV



Approximate Dimensions


Length: 706.83 mm

Width: 449.14 mm

Height: 445.24 mm

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Ford 10R80: 10-Speed Automatic Transmission

Key Features & Benefits

Three overdrive gears and a wide 7.4:1 gear ratio span

Integrated torque converter/turbine clutch helps reduce weight, while also reducing the packaging size of the transmission

High-speed one-way clutch helps deliver smooth and responsive shifting

Engine rpm matching on coast-down shifts provides a seamless transition to lower gears — effective when cornering

Integrated electric pump works with Auto Start-Stop Technology for seamless restarts

Ultra-low viscosity transmission fluid and off-axis variable-displacement pump maximize transmission performance

SelectShift manual mode

Utilizes real-time adaptive shift schedule algorithms which monitor more than a dozen powertrain- and driver-control signals to help ensure the transmission is in the right gear at the right time

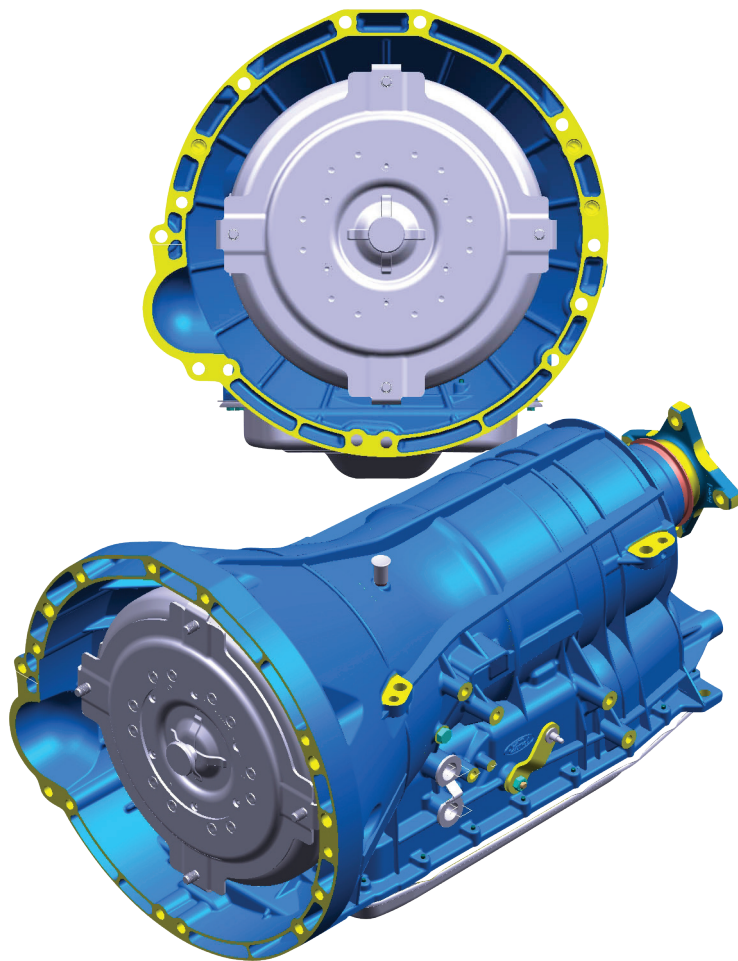
Progressive Range Select

Gear Ratios and Range Selection

| | |
|------------|----------------|
| 1st: 4.696 | 7th: 1.000 |
| 2nd: 2.985 | 8th: 0.854 |
| 3rd: 2.146 | 9th: 0.689 |
| 4th: 1.769 | 10th: 0.636 |
| 5th: 1.520 | Reverse: 4.866 |
| 6th: 1.275 | |

Transmission Controller

Type: Electronic Transmission Control Unit



Specifications, features, and benefits applicable to engines and transmissions are based on Ford products, and may vary with different applications. Pictures and details shown are for illustrative purposes only (actual product may vary). Additionally, the availability of the product(s) described herein may vary. Contact Ford Component Sales, LLC for details.