



This Supplement is not intended to replace your vehicle Owner's Manual which contains more detailed information concerning the features of your vehicle, as well as important safety warnings designed to help reduce the risk of injury to you and your passengers. Please read your entire Owner's Manual carefully as you begin learning about your new vehicle and refer to the appropriate sections when questions arise.

All information contained in this supplement was accurate at the time of duplication. We reserve the right to change features, operation and/or functionality of any vehicle specification at any time. Your Ford dealer is the best source for the most current information. For detailed operating and safety information, please consult your Owner's Manual.



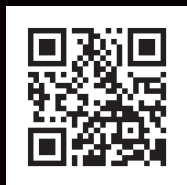
FORD PERFORMANCE



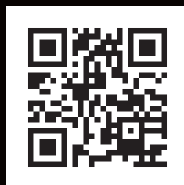
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ford.ca (Canada)

2019 FORD EDGE ST SUPPLEMENT



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California Proposition 65



WARNING: Operating, servicing and maintaining a passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.



WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm.
Wash your hands after handling.

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Introduction

ABOUT THIS SUPPLEMENT

Congratulations on your decision to purchase or lease the latest from Ford Performance – the Edge ST. If you have owned or leased an SVT or ST product in the past, we are glad you are back. If this is your first Ford Performance vehicle, welcome to the family! We are confident that our dedication to performance, quality, craftsmanship and customer service will provide many miles of exhilarating, safe and comfortable driving in your new ST vehicle.

Your choice of a Ford Performance product is an intelligent and informed one. We strive to build engaging vehicles that involve the driver in every aspect of the driving experience. Although performance is at the heart of every Ford Performance developed vehicle, we go much further. Our goal is to deliver a comprehensive, complete vehicle, sweating the details such as the sound of the exhaust, the quality of the interior materials, and the functionality and the comfort of the seats, to make sure that the driver enjoys not only exceptional performance but an outstanding driving environment as well. In the Edge ST, that philosophy is expressed by a sophisticated powertrain, outstanding chassis dynamics and significant interior and exterior enhancements.

This supplement complements your Edge Owner's Manual and provides information specific to the Edge ST. By referring to the pages listed in this supplement, you can identify those features, recommendations and specifications unique to your Ford Performance vehicle. If there are any discrepancies between this supplement and the Edge Owner's Manual, this supplement supersedes the information found in the Edge Owner's Manual.

If you have any questions or concerns regarding your Edge ST, please call the Ford Performance Info Center at 1-800-FORD-SVT (367-3788).

SVT

The Special Vehicle Team (SVT) was established in 1991 to polish the Ford Oval by creating low-volume, factory-produced vehicles designed for people whose idea of driving is a high-powered, passionate experience – not just a means of getting from A to B.

To support such spirited enthusiasm, we carefully integrated the wide array of talent in the company into a small, cross-functional group of engineers and product planners and located them under one roof with a common mission to create vehicles specifically designed to meet the unique needs and desires of the driving enthusiast.

We produced more than 250,000 SVT vehicles since 1993 model year including the SVT Mustang Cobra and the Cobra R, the SVT F-150 Lightning, the SVT Contour, the SVT Focus, Ford GT, Shelby GT500, GT500KR and the F-150 SVT Raptor.

TEAM RS

Team RS traces its roots back nearly 60 years from the Lotus Cortina and Twin Cam Escorts of the mid-1960s, through the first RS branded Escorts of the 1970s to the founding of Special Vehicle Engineering (SVE) in 1980. Through the 1980s and 90s, SVE delivered a breadth of vehicles from exciting XR and RS branded road going performance cars through homologation specials including the iconic Sierra Cosworth RS500 and RS200. The first ST vehicle appeared in 1996 as the ST24 Mondeo. The first collaboration between our European and

Introduction

North American performance teams appeared in 2002 as the ST170 in Europe and SVT Focus in North America. In 2003, Team RS replaced SVE in Europe when we brought performance car and motorsport personnel together as one team.

FORD PERFORMANCE

Welcome to the Ford Performance family!

Performance and racing are deeply embedded in Ford's DNA, dating back to October 10, 1901 when Henry Ford won his first race against Alexander Winton, America's greatest racer at the time. Henry Ford founded Ford Motor Company 18 months later with capital raised on the back of this remarkable upset victory.

Today, that spirit of passion, innovation and performance lives on through Ford Performance. Established in 2015, the company's performance teams -- Ford Special Vehicle Team (United States), Team RS (Europe), Ford Performance (Australia) and Ford Racing (United States) -- have unified under the mission to create the world's leading performance vehicles, parts, accessories and experiences for enthusiasts. This includes accelerating the development of advanced aerodynamics, lightweighting, electronics, powertrain performance, fuel efficiency and other technologies that can be applied across Ford's product portfolio.

We are proud and passionate about what we do and we look forward to a long and exciting relationship with you. Thank you for choosing Ford Performance!



E277475

At a Glance



E280224

- 2.7L DOHC DI GTV6 engine.
- Modified front suspension knuckle for improved wheel end geometry.
- Cast rear knuckle (improved stiffness) and alternative anti-roll-bar mounting for improved efficiency.
- ST-tuned springs and dampers.
- Increased diameter (17 in (431.8 mm) or 18 in (457.2 mm)) front brake rotors and unique calipers with ST tuned pad formulation front and rear.
- Enhanced torque vectoring control with cornering understeer control.
- ST-tuned electric power steering rack-and-pinion.
- AdvanceTrac® stability enhancement system with three modes: Normal, Sport and Disabled.
- 20 in (50.8 cm) x 8 in (20.3 cm), 2.1 in (52.5 mm) offset or 21 in (53.3 cm) x 9 in (22.9 cm), 2.2 in (55mm) offset aluminum ST wheels.
- 265/40R21 summer only performance tires are optional with 21 inch wheels.
- 245/50R20 V-rated all season tires come standard.
- 265/40R21 A/S V-rated all season tires comes standard with optional 21 inch wheels.
- Front seats with increased lateral support.
- Leather wrapped ST sport steering wheel with improved grip contour.
- Instrument cluster with boost gauge.

At a Glance

Vehicle Specifications



E280225

Engine Specifications

Item	Description
Configuration	2.7L DOHC 4V GTDI V6, cast iron cylinder block and cast aluminum cylinder heads
Bore x stroke	3.3 in (83 mm) bore x 3.2677 in (83 mm) stroke
Displacement	164 in ³ (2,694 cm ³)
Compression ratio	10:1
Horsepower	335 hp @ 5500 RPM on 93 octane
Torque	380 lb-ft @ 3250 RPM on 93 octane
Redline	6250 RPM continuous 6500 RPM three-second overspeed

At a Glance

Item	Description
Specific output	124 horsepower per liter
Valvetrain	Twin independent variable cam timing
Ignition	Coil-on-plug
Fuel system	250 bar fuel pump
Throttle body	2.2 in (57 mm)
Pistons	Cast aluminum
Crankshaft	Alloy Steel
Connecting rods	Alloy Steel
Turbo	Single scroll / 21 psi max boost*
Exhaust system	2.5 in (63.5 mm) diameter

* SAE Certified Performance ratings are achieved with 19.5 psi, but up to 21 psi can be delivered to maximize power depending on fuel quality and atmospheric conditions.

Suspension Specifications

Item	Description
Front suspension	Independent, MacPherson struts with L-shaped lower control arm with isolated subframe and stabilizer bar
Front shocks	Gas-pressurized, hydraulic, twin-tube
Rear suspension	Independent integral link, isolated subframe and stabilizer bar
Rear shocks	Gas-pressurized, hydraulic, twin-tube or monotube
Front stabilizer bar	0.945 in (24 mm) diameter x 0.157 in (4 mm) thick hollow
Rear stabilizer bar	0.866 in (22 mm) diameter

Information Displays

GENERAL INFORMATION

Use the left steering wheel up and down arrow buttons to choose display options.

Display Mode

Display Mode
Turbo Boost Gauge



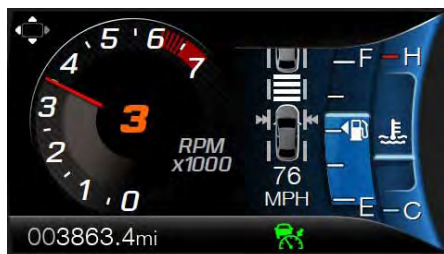
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Left-Hand Information Display Screen

Information On Demand

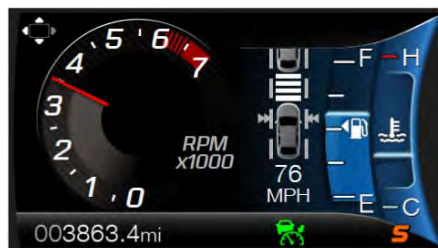
Your left-hand information display screen shows on demand information depending on your transmission gear selected and paddle shifter usage.

Transmission Gear in Drive (D) with Paddle Shifters Active



E283160

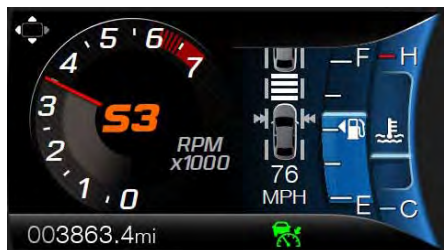
Transmission Gear in Sport (S)



E283159

Information Displays

Transmission Gear in Sport (S) with Paddle Shifters Active



E283156

Transmission Gear in Sport (S) with Tachometer at Maximum



E283150

Transmission

AUTOMATIC TRANSMISSION



WARNING: Always fully apply the parking brake and make sure you shift into park (P). Failure to follow this instruction could result in personal injury or death.



WARNING: Do not apply the brake pedal and accelerator pedal simultaneously. Applying both pedals simultaneously for more than a few seconds will limit engine performance, which may result in difficulty maintaining speed in traffic and could lead to serious injury.



WARNING: When your vehicle is stationary, keep the brake pedal fully pressed when shifting gears. Failure to follow this instruction could result in personal injury, death or property damage.

Note: You may not be able to shift out of park (P) unless the intelligent access key is inside your vehicle.

Understanding the Positions of Your Rotary Shift Transmission



E222981

- P Park.
- R Reverse.
- N Neutral.
- D Drive.
- S Sport mode.

Your vehicle has an electronic transmission shifter. The transmission selector is on the center console.

The instrument cluster displays the current gear.

Park (P)

With the transmission in park (P), your vehicle locks the transmission and prevents the wheels from turning. Always come to a complete stop before putting your vehicle into and out of park (P). An audible tone may occur when you select park (P).

When you switch the ignition off, your vehicle shifts into park (P). If you switch the ignition off when the vehicle is moving, it first shifts into neutral (N) until it reaches a slow enough speed and then shifts into park (P).

Transmission

The electric parking brake may apply when you shift to park (P) without the brake pedal fully pressed. The electric parking brake applies when you shift to park (P) on large slopes. The electric parking brake releases with the drive away release function or manually as described in the Releasing the Electric Parking Brake section in the Owner's Manual.

Note: A warning tone sounds if you open the driver door and you have not shifted the transmission selector to park (P).

Automatic Return to Park

Note: This feature does not operate when your vehicle is in Stay in Neutral mode or emergency tow.

Your vehicle has a feature that shifts into park (P) when any of the following conditions occur:

- You turn the vehicle off.
- You open the driver door with your seatbelt unlatched.

If you turn your vehicle off when moving, your vehicle first shifts into neutral (N) until it slows down enough to shift into park (P) automatically.

Note: If you have waited 2-15 minutes before starting your vehicle, unlatching your seatbelt can cause this feature to activate, even with the driver door closed.

Note: This feature may not work properly if the door ajar switch is malfunctioning. If your door ajar indicator does not illuminate when you open the driver door or the indicator illuminates with the driver door closed, contact your authorized dealer as soon as possible.

Reverse (R)

With the transmission selector in reverse (R), your vehicle moves backward. Always come to a complete stop before shifting into and out of reverse (R).

Neutral (N)

With the transmission selector in neutral (N), you can start your vehicle and it is free to roll. Hold the brake pedal down when in this position.

Stay in Neutral Mode

Note: Stay in neutral mode is a temporary vehicle state with the ignition off. Once in this mode, maintain sufficient battery voltage or your vehicle returns to park.

Failure to follow this instruction could result in vehicle damage not covered by the vehicle Warranty.

Note: When entering an automatic car wash, always shift to neutral (N). If you are exiting the vehicle before the car wash, Stay in Neutral Mode is available.

Extended usage of Stay in Neutral mode may result in a battery voltage reduction to level where the vehicle may no longer start.

Do not tow your vehicle in this mode.

To enter Stay in Neutral mode, do the following:

1. Bring your vehicle to a complete stop.
2. Shift into neutral (N).

Note: A message appears in the information display.

3. Press the sport (S) button.

Note: A confirmation message appears in the information display when your vehicle has entered Stay in Neutral mode and the neutral (N) button on the transmission selector slowly blinks.

To exit Stay in Neutral mode, press the brake pedal and shift into another gear.

Transmission

Drive (D)

Drive (D) is the normal driving position for the optimum fuel economy and smoothness. Shift the transmission selector to drive (D) to allow your vehicle to move forward and shift automatically through the forward gears.

The transmission shifts to the appropriate gear for optimum performance based on ambient temperature, road slope, vehicle load and your input.

Sport Mode (S)

With the transmission selector in sport (S), the driver can change gears up or down. By moving the transmission selector lever from drive position drive (D) to sport (S), you can shift up or down the gear by using shift buttons on the steering wheel. See Understanding your SelectShift Automatic™ transmission later in this section.

SelectShift Automatic™ Transmission

Your vehicle has a SelectShift Automatic transmission selector lever. The SelectShift Automatic transmission gives you the ability to change gears up or down as desired.

Downshifts are allowed unless the engine speed after the shift exceeds the maximum allowable limit.

In order to prevent engine stalls, SelectShift automatically downshifts at low engine speeds.

Note: Engine damage may occur if you maintain excessive engine revving without shifting.

SelectShift does not automatically upshift, even if the engine is approaching the RPM limit.

Take notice of the shift indicator lamp, which alerts you when to shift to help you achieve the optimum level of efficiency and fuel economy.

Pull the + paddle on the steering wheel to activate SelectShift.

- Pull the right-hand paddle (+) to upshift.
- Pull the left-hand paddle (–) to downshift.



Upshift to the recommended shift speeds according to the following chart:

Upshifts When Accelerating - Recommended for Optimum Fuel Economy	
Shift from:	
1 - 2	15 mph (24 km/h)
2 - 3	25 mph (40 km/h)
3 - 4	40 mph (64 km/h)
4 - 5	45 mph (72 km/h)
5 - 6	50 mph (80 km/h)
6 - 7	55 mph (88 km/h)
7 - 8	60 mph (97 km/h)

Transmission

SelectShift in drive (D):

- Provides temporary manual control of the gear selection when you require a more demanding response, for example, when towing or overtaking. This mode holds a selected gear for a temporary period of time dependent on driver input, for example, steering wheel or accelerator pedal input.

SelectShift in sport (S):

- Provides a permanent manual gear selection, where you have the ability to select the gear.

To exit SelectShift mode:

- If in drive (D), move the selector to sport (S) and then back to drive (D). If in sport (S), move the selector to drive (D) and then back to sport (S).

The instrument cluster displays your current gear. If you request a gear that is not available due to vehicle conditions, too low or too high engine speed, the current gear flashes three times.

Note: At full accelerator pedal travel, the transmission may automatically downshift for maximum performance.

Manual Park Release (MPR)



WARNING: When doing this procedure, you need to take the transmission out of park (P) which means your vehicle can roll freely. To avoid unwanted vehicle movement, always fully apply the parking brake prior to doing this procedure. Use wheels chocks if appropriate.



WARNING: If the parking brake is fully released, but the brake warning lamp remains illuminated, the brakes may not be working properly. Have your vehicle checked as soon as possible.



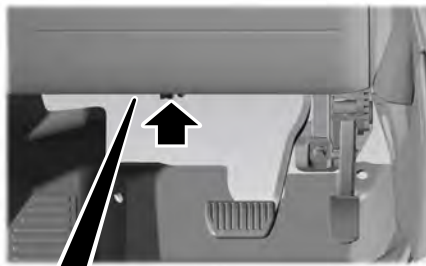
WARNING: Do not drive your vehicle until you verify that the stoplamps are working.

Use the manual park release to move your transmission from the park (P) position in the event of an electrical malfunction or emergency.

Activating the MPR Cable

1. Apply the parking brake. See Electric Parking Brake section in the Owner's Manual.

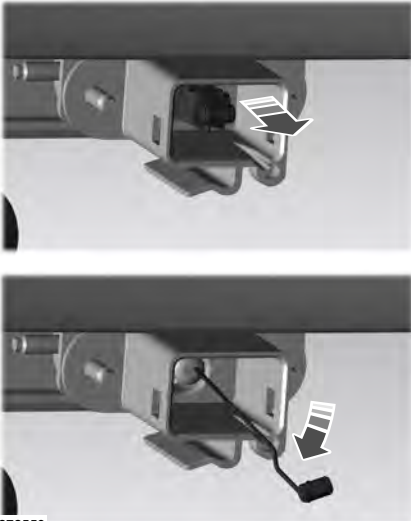
Note: If vehicle battery is dead, for example, no electrical power available, an external power is required to apply the parking brake.



E272552

2. Locate the MPR cable access cover under the dash, below the steering wheel.
3. Using a tool, carefully open the access cover.

Transmission



4. Fully apply the brake pedal and hold, do not release. Pull the orange tether outward towards the driver seat.
5. Move the tether to the lower right-hand corner to lock it into the override position. If correctly done, a message on the instrument cluster displays Park Not Available.

Note: Your vehicle is now out of the park (P) position and is free to roll.

6. With your foot still fully applied on the brake pedal, disengage the parking brake. See Electric Parking Brake section in the Owner's Manual.
7. Your vehicle remains in neutral (N) for emergency towing purposes.

Returning Your Vehicle to Normal Mode

1. Apply the parking brake. See Electric Parking Brake section in the Owner's Manual.

Note: If vehicle battery is dead, for example, no electrical power available, an external power is required to apply the parking brake.

2. Fully apply the brake pedal and hold, do not release. Pull the orange tether outward towards the driver seat to remove it from the override position.
3. Move the tether towards the left and release to return it to the rest position.
4. Stow the MPR cable tether and install the access cover.
5. With your foot fully applied on the brake pedal, start your vehicle. Confirm that your vehicle is in the park (P) position and that the instrument cluster indicates park (P).
6. If the instrument cluster is not displaying the park (P) position or there is a message stating **Park Not Available**, apply the parking brake before exiting your vehicle.
7. Confirm the MPR cable is in the rest position. If the MPR cable is in the rest position, your vehicle requires service.
8. Disengage the parking brake for emergency towing purposes. See Electric Parking Brake section in the Owner's Manual.

Automatic Transmission Adaptive Learning

This feature may increase durability and provide consistent shift feel over the life of your vehicle. A new vehicle or transmission may have firm shifts, soft shifts or both. This operation is normal and does not affect function or durability of the transmission. Over time, the adaptive learning process can optimize the transmission operation.

Transmission

If Your Vehicle Gets Stuck In Mud or Snow

Note: *Do not rock your vehicle if the engine is not at normal operating temperature or damage to the transmission may occur.*

Note: *Do not rock your vehicle for more than a minute or damage to the transmission and tires may occur, or the engine may overheat.*

If your vehicle gets stuck in mud or snow, you can rock your vehicle by shifting between forward and reverse gears, stopping between shifts in a steady pattern.

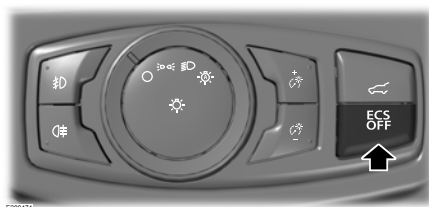
Press lightly on the accelerator in each gear.

Stability Control

USING STABILITY CONTROL

Electronic Stability Control

The system turns on each time you switch the ignition on. You can switch off the traction control portion of the system independently. See Using Traction Control in the Owner's Manual.



E280474

ESC Features				
Button Functions	Mode	Stability Control Off Light	Electronic Stability Control	Traction Control System
Default at start-up	Default - Traction control on and Normal Advance Trac	On during bulb check	Enabled	Enabled
Button pressed momentarily - single press	Traction control off	On	Enabled	Disabled
Button pressed twice rapidly	Advance Trac Sport	On	RSC and Sport ESC	Enabled
Button pressed and held - long press	Advance Trac off	On	RSC Only	Disabled
Button pressed when in Traction Control Off or Advanced Trac Sport/ Off	Return to Default	Off	Enabled	Enabled

Note: Do not use the Advance Trac Sport or Advance Trac Off settings on public roadways.

To enter sport mode, toggle the stability control button twice rapidly. The message appears in the information display that the system is now in sport mode.

Roadside Emergencies

ROADSIDE ASSISTANCE

Vehicles Sold in the United States: Getting Roadside Assistance

To fully assist you should you have a vehicle concern, Ford Motor Company offers a complimentary roadside assistance program. This program is separate from the New Vehicle Limited Warranty.

The service is available:

- 24 hours a day, seven days a week.
- For the coverage period listed on the Roadside Assistance Card included in your Owner's Manual portfolio.

Roadside Assistance covers:

- A flat tire change with a good spare (except vehicles supplied with a tire inflation kit).
- Battery jump start.
- Lock-out assistance (key replacement cost is the customer's responsibility).
- Fuel delivery — independent service contractors, if not prohibited by state, local or municipal law, shall deliver up to 2 gal (8 L) of gasoline to a disabled vehicle. Roadside Assistance limits fuel delivery service to two no-charge occurrences within a 12-month period.
- Winch out — available within 100 ft (30 m) of a paved or county maintained road, no recoveries.

- Towing — independent service contractors, if not prohibited by state, local or municipal law, shall tow Ford eligible vehicles to an authorized dealer within 35 mi (56 km) of the disablement location or to the nearest authorized dealer. If a member requests a tow to an authorized dealer that is more than 35 mi (56 km) from the disablement location, the member shall be responsible for any mileage costs in excess of 35 mi (56 km).
- Roadside Assistance includes up to \$200 for a towed trailer if the disabled eligible vehicle requires service at the nearest authorized dealer. If the towing vehicle is operational but the trailer is not, then the trailer does not qualify for any roadside services.

Vehicles Sold in the United States: Using Roadside Assistance

Complete the roadside assistance identification card and place it in your wallet for quick reference. This card is in the owner's information portfolio in the glove compartment.

United States vehicle customers who require Roadside Assistance, call 1-800-241-3673.

If you need to arrange roadside assistance for yourself, Ford Motor Company reimburses a reasonable amount for towing to the nearest dealership within 35 mi (56 km). To obtain reimbursement information, United States vehicle customers call 1-800-241-3673. Customers need to submit their original receipts.

Vehicles Sold in Canada: Getting Roadside Assistance

To fully assist you should you have a vehicle concern, Ford Motor Company of Canada, Limited offers a complimentary roadside assistance program.

Roadside Emergencies

This program is eligible within Canada or the continental United States.

The service is available 24 hours a day, seven days a week.

This program is separate from the New Vehicle Limited Warranty, but the coverage is concurrent with the powertrain coverage period of your vehicle. Canadian roadside coverage and benefits may differ from the U.S. coverage.

If you require more information, please refer to the coverage section of your warranty guide, call us in Canada at 1-800-665-2006, or visit our website at www.ford.ca.

Vehicles Sold in Canada: Using Roadside Assistance

Complete the roadside assistance identification card and place it in your wallet for quick reference.

In Canada, this card is found in the Warranty Guide in the glove compartment of your vehicle.

Vehicles Sold in Canada: Roadside Assistance Program Coverage

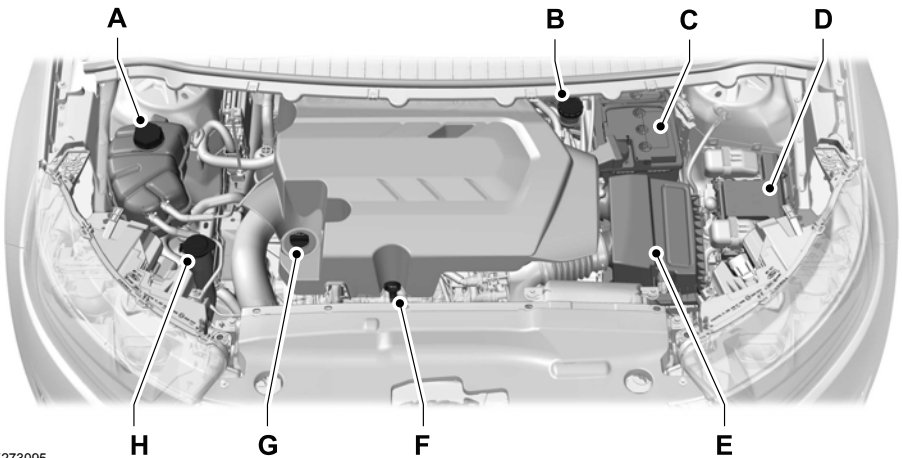
The service is available 24 hours a day, seven days a week.

Canadian roadside coverage and benefits may differ from the U.S. coverage.

If you require more information, please refer to the coverage section of your warranty guide, call us in Canada at 1-800-665-2006, or visit our website at www.ford.ca.

Maintenance

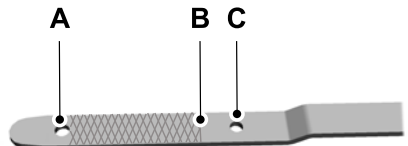
UNDER HOOD OVERVIEW



E273095

- A Engine coolant reservoir.
- B Brake fluid reservoir.
- C Battery.
- D Power distribution box.
- E Air filter assembly.
- F Engine oil dipstick.
- G Engine oil filler cap.
- H Windshield washer fluid reservoir.

ENGINE OIL DIPSTICK



E250320

- A Minimum.
- B Nominal.
- C Maximum.

Capacities and Specifications

ENGINE SPECIFICATIONS

Measurement	Specification
Cubic inches.	164
Required fuel.	Minimum 87 octane
Firing order.	1-4-2-5-3-6
Compression ratio.	10.0:1
Spark plug gap.	0.028-0.031 in. (0.7 - 0.8 mm)

Drivebelt Routing



E191903

MOTORCRAFT PARTS

Component	2.7L EcoBoost
Air filter element.	FA-1912
Oil filter.	FL-2062
Battery.	BAGM-48H6-760
Spark plugs.	SP-542
Cabin air filter.	FP-80 (odor)
Windshield wiper blade.	WW-2755 (driver side) WW-2760 (passenger side)

Capacities and Specifications

Component	2.7L EcoBoost
	WW-1413 (rear window)

We recommend Motorcraft replacement parts available at your authorized dealer or at fordparts.com for scheduled maintenance. The parts engineered for your vehicle meet or exceed our specifications. Use of other parts may impact vehicle performance, emissions and durability. Your warranty may be void for any damage related to use of other parts.

For spark plug replacement, contact an authorized dealer. Replace the spark plugs at the appropriate intervals. See Normal Scheduled Maintenance in the **Owner's Manual**.

Capacities and Specifications

CAPACITIES AND SPECIFICATIONS

Capacities



WARNING: The air conditioning refrigerant system contains refrigerant under high pressure. Only qualified personnel should service the air conditioning refrigerant system. Opening the air conditioning refrigerant system can cause personal injury.

Item	Capacity
Engine oil.	6.0 qt (5.7 L)
Engine coolant.	10.6 qt (10 L)
Brake fluid.	Between MIN/MAX on brake fluid reservoir
Rear differential fluid.	28.07 ± 1.01 fl oz (830 ± 30 ml)
Power Transfer Unit (PTU) fluid.	12.7 ± 1.7 fl oz (375 ± 50 ml)
Automatic transmission fluid.	12.15 qt (11.5 L) ¹
Windshield washer fluid.	Fill as required
Fuel tank.	18.5 gal (70 L)
A/C refrigerant (U.S. and Canada).	21 oz (0.595 kg)
A/C refrigerant (Mexico).	22 oz (0.624 kg)
A/C refrigerant compressor oil.	3.2 fl oz (95 ml)

¹ Approximate dry fill capacity. Actual amount may vary during fluid changes.

Capacities and Specifications

Specifications

Materials

Name	Specification
Motor oil (U.S.): Motorcraft® SAE 5W-30 Premium Synthetic Blend Motor Oil XO-5W30-QSP	WSS-M2C946-B1
Motor oil (Canada): Motorcraft® SAE 5W-30 Super Premium Motor Oil CXO-5W30-LSP12	WSS-M2C946-B1
Motor oil (Mexico): Motorcraft® SAE 5W-30 Synthetic Motor Oil MXO-5W30-QSP	WSS-M2C946-B1
Engine coolant (U.S. and Mexico): Motorcraft® Orange Prediluted Antifreeze/Coolant VC-3DIL-B	WSS-M97B44-D2
Engine coolant (Canada): Motorcraft® Orange Prediluted Antifreeze/Coolant CVC-3DIL-B	WSS-M97B44-D2
Brake fluid: Motorcraft® DOT 4 Low Viscosity (LV) High Performance Motor Vehicle Brake Fluid PM-20	WSS-M6C65-A2
Rear differential (All Wheel Drive) fluid: Motorcraft® SAE 75W Disconnect RDU Fluid XY-75W-QL	-
Power Transfer Unit (PTU) fluid (All Wheel Drive): Motorcraft® SAE 75W-85 Synthetic Rear Axle Lubricant XY-75W85-QL	WSS-M2C942-A
Automatic transmission fluid: Motorcraft® MERCON® ULV Automatic Transmission Fluid XT-12-QULV	WSS-M2C949-A MERCON® ULV
Windshield washer fluid (U.S. and Mexico): Motorcraft® Premium Windshield Wash Concentrate with Bitterant ZC-32-B2	WSS-M14P19-A
Windshield washer fluid (Canada):	WSS-M14P19-A

Capacities and Specifications

Name	Specification
Motorcraft® Premium Quality Windshield Washer Fluid CXC-37-(A, B, D, F)	
A/C refrigerant (U.S.): R-1234yf Refrigerant YN-33-A	WSS-M17B21-A
A/C refrigerant (Canada): R-1234yf Refrigerant HS7Z-19B519-BA	WSS-M17B21-A
A/C refrigerant (Mexico): Motorcraft® R-134a Refrigerant MYN-19	WSH-M17B19-A
A/C refrigerant compressor oil (U.S. and Canada): Motorcraft® R-1234yf Refrigerant PAG Oil YN-35	WSS-M2C300-A2
A/C refrigerant compressor oil (Mexico): Motorcraft® PAG Refrigerant Compressor Oil YN-12-D	WSH-M1C231-B
Multi-purpose grease: Motorcraft® Multi-Purpose Grease Spray XL-5-A	ESB-MIC93-B
Lock cylinders (U.S.): Penetrating and Lock Lubricant XL-1	-
Lock cylinders (Canada): Penetrating Fluid CXC-51-A	-
Lock cylinders (Mexico): Penetrating and Lock Lubricant MXL-1	-

If you use oil and fluids that do not meet the defined specification and viscosity grade, this may lead to:

- Component damage, which the vehicle warranty does not cover.
- Longer engine cranking periods.
- Increased emission levels.

- Reduced engine performance.
- Reduced fuel economy.
- Degraded brake performance.

Capacities and Specifications

We recommend Motorcraft® motor oil for your vehicle. If Motorcraft® oil is not available, use motor oils of the recommended viscosity grade that meet API SN requirements and display the API Certification Mark for gasoline engines. Do not use oil labeled with API SN service category unless the label also displays the API certification mark.



E142732

An oil that displays this symbol conforms to current engine, emission system and fuel economy performance standards of ILSAC.

Materials

Name	Specification
Motorcraft® SAE 0W-30 Premium Synthetic Blend Motor Oil: Engine Oil - SAE 0W-30 XO-0W30-QSP	WSS-M2C953-A1

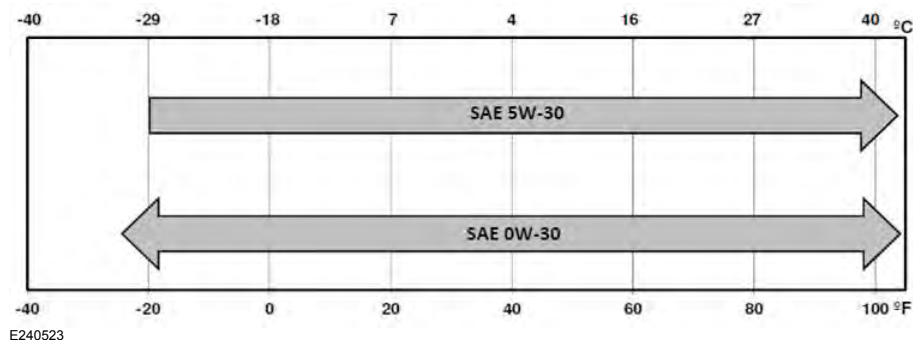
Do not use supplemental engine oil additives because they are unnecessary and could lead to engine damage that may not be covered by your vehicle warranty.

Note: *We recommend using DOT 4 Low Viscosity (LV) High Performance Brake Fluid or equivalent meeting WSS-M6C65-A2. Use of any fluid other than the recommended fluid may cause degraded brake performance and not meet our performance standards. Keep brake fluid clean and dry. Contamination with dirt, water, petroleum products or other materials may result in brake system damage and possible failure.*

Alternative Engine Oil for Extremely Cold Climates

To improve engine cold start performance, we recommend that you use the following alternative engine oil in extremely cold climates, where the ambient temperature reaches -22.0°F (-30°C) or below.

Capacities and Specifications



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