

OASIS MESSAGES

FCSD is responsible for communicating a variety of vehicle and service information, such as warranty information for up to the past 360 days, Extended Service Plan part coverage information, and technical repair information, to North American Ford and Lincoln dealers. This information is communicated primarily through OASIS, which serves as an electronic link between Ford Motor Company and the dealers. OASIS covers all North American Ford and Lincoln-Mercury cars and light trucks, and medium and heavy-duty Ford trucks, for the ten most current model years. Technical diagnostic and repair information on OASIS is contained in Special Service Messages (SSMs) and Technical Service Bulletin (TSB) titles and brief summaries. It should be noted that dealers cannot access brief summaries.

SSMs and TSB titles are coded in OASIS by model year and vehicle line, and may be coded to other specific vehicle attributes (body style, engine code, or vehicle identification number) and one or more OASIS Service Code(s). The dealers with access to OASIS usually search for information on the database by entering a VIN and the applicable Service Codes. SSMs and TSB titles that become inactive or superseded continue to be accessible by Ford employees, but no longer are accessible by the dealers. Dealers also are able to determine the recalls applicable to a particular vehicle by searching a particular VIN in OASIS. Recall information available on OASIS cannot be searched by Service Codes.

In July 2011, FCSD launched a new coding system for OASIS. All active SSMs and TSB titles have been re-coded using the new OASIS coding system. All inactive and superseded SSMs and TSB titles are still maintained under the old coding system. In responding to this information request, Ford searched Global OASIS using both the new and old OASIS service codes for active, inactive, and superseded TSB titles and SSMs using the following search criteria:

Model Year: 2021-2022

Subject Vehicle: Ford Bronco, Ford F-150, Ford Edge, Ford Explorer, Lincoln Nautilus, and Lincoln Aviator vehicles equipped with the 2.7L or 3.0L EcoBoost engine manufactured for sale or lease in the United States, District of Columbia, Puerto Rico, Northern Mariana Islands, Guam, American Samoa and the Virgin Islands.

Date Parameters: Through October 20, 2023 (the date of this inquiry)

OASIS Service Code(s):

Code	Description
227F*	Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Coolant Temperature , Flashes Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Coolant Temperature , Inoperative Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Coolant Temperature , Stays On Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Coolant Temperature , Unknown
227G*	Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Oil Pressure , Flashes Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Oil Pressure , Inoperative

	Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Oil Pressure , Stays On Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Oil Pressure , Unknown
227Q*	Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Flashes Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Inoperative Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Intermittent Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Stays On Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Unknown
4401*	Start/Run/Move, Starting , No Crank, Always Start/Run/Move, Starting , No Crank, Cold Start/Run/Move, Starting , No Crank, Hot Start/Run/Move, Starting , No Crank, Intermittent Start/Run/Move, Starting , No Crank, Unknown
4402*	Start/Run/Move, Starting , Slow Crank/Battery, Always Start/Run/Move, Starting , Slow Crank/Battery, Cold Start/Run/Move, Starting , Slow Crank/Battery, Hot Start/Run/Move, Starting , Slow Crank/Battery, Intermittent Start/Run/Move, Starting , Slow Crank/Battery, Unknown
4403*	Start/Run/Move, Starting , Cranks Won't Start, Always Start/Run/Move, Starting , Cranks Won't Start, Cold Start/Run/Move, Starting , Cranks Won't Start, Hot Start/Run/Move, Starting , Cranks Won't Start, Intermittent Start/Run/Move, Starting , Cranks Won't Start, Unknown
442000	Start/Run/Move, Moving, Unknown, Unknown
4424*	Start/Run/Move, Moving, Engagement Quality, Forward Start/Run/Move, Moving, Engagement Quality, Reverse Start/Run/Move, Moving, Engagement Quality, Park Start/Run/Move, Moving, Engagement Quality, Unknown
4425*	Start/Run/Move, Moving, No Engagement, Both (Fwd and Rvrs) Start/Run/Move, Moving, No Engagement, Forward Start/Run/Move, Moving, No Engagement, Reverse Start/Run/Move, Moving, No Engagement, Unknown
552*	Driving Performance, Stalls/Quits, Unknown, Unknown Driving Performance, Stalls/Quits, At Idle, Unknown Driving Performance, Stalls/Quits, At Idle, Always Driving Performance, Stalls/Quits, At Idle, Cold Driving Performance, Stalls/Quits, At Idle, Hot Driving Performance, Stalls/Quits, At Idle, Intermittent Driving Performance, Stalls/Quits, Acceleration, Unknown Driving Performance, Stalls/Quits, Acceleration, Always Driving Performance, Stalls/Quits, Acceleration, Cold Driving Performance, Stalls/Quits, Acceleration, Hot Driving Performance, Stalls/Quits, Acceleration, Intermittent Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Unknown Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Always Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Cold Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Hot Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Intermittent Driving Performance, Stalls/Quits, Deceleration, Unknown

	Driving Performance, Stalls/Quits, Deceleration, Always Driving Performance, Stalls/Quits, Deceleration, Cold Driving Performance, Stalls/Quits, Deceleration, Hot Driving Performance, Stalls/Quits, Deceleration, Intermittent Driving Performance, Stalls/Quits, Not Listed, Unknown
554*	Driving Performance, Lack/Loss of Power, Unknown, Unknown Driving Performance, Lack/Loss of Power, Acceleration, Unknown Driving Performance, Lack/Loss of Power, Acceleration, Always Driving Performance, Lack/Loss of Power, Acceleration, Cold Driving Performance, Lack/Loss of Power, Acceleration, Hot Driving Performance, Lack/Loss of Power, Acceleration, Intermittent Driving Performance, Lack/Loss of Power, Acceleration, While Towing Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Unknown Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Always Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Cold Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Hot Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Intermittent Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, While Towing Driving Performance, Lack/Loss of Power, Not Listed, Unknown

OASIS 2 and Global OASIS are not capable of performing electronic word searches, so the search results are reviewed manually to determine their applicability to the alleged defect in the subject vehicles.

The OASIS database also contains Broadcast Messages. Typically, these messages are directed to all dealerships and either are notifications of new SSMs/TSBs, or announcements with non-technical information (for example, "the Dealer Hotline will be closed today"). Broadcast Messages cannot be searched by OASIS service codes, and can be retrieved only while active (approximately 2 to 4 days). Ford has not undertaken to search for Broadcast Messages because Ford expects that any responsive information obtained with such a search generally would be non-substantive in nature or duplicative of the information obtained with the TSB title and SSM search described above.

INTERNAL SERVICE MESSAGES

FCSD, as part of its technical support activities, maintains fleet and technical telephone "hotlines." During the early stages of Ford's efforts to identify and resolve potential vehicle concerns, hotline personnel may draft Internal Service Messages (ISMs) in CQIS (prior to March 2020) or OASIS (beginning March 2020) for their internal use. The ISMs are assigned a CQIS "symptom code" (OASIS "service code") or category that generally reflects the nature of the concern. An ISM can form the basis for an oral response over the technical hotline to an inquiry from an individual dealer or fleet technician. The ISMs, however, are not made available electronically to fleets and dealers. Therefore, although ISMs are not "issued" to dealers like other OASIS messages, Ford is construing this request broadly to include ISMs that may be related to the alleged defect in the subject vehicles.

In responding to this information request, Ford searched CQIS and OASIS for active ISMs using the following search criteria:

Model Year: 2021-2022

Subject Vehicle: Ford Bronco, Ford F-150, Ford Edge, Ford Explorer, Lincoln Nautilus, and Lincoln Aviator vehicles equipped with the 2.7L or 3.0L EcoBoost engine manufactured for

sale or lease in the United States, District of Columbia, Puerto Rico, Northern Mariana Islands, Guam, American Samoa and the Virgin Islands.

Date Parameters: Through October 20, 2023 (the date of this inquiry)

CQIS Symptom/OASIS Service Code(s):

Code	Description
227F*	Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Coolant Temperature , Flashes Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Coolant Temperature , Inoperative Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Coolant Temperature , Stays On Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Coolant Temperature , Unknown
227G*	Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Oil Pressure , Flashes Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Oil Pressure , Inoperative Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Oil Pressure , Stays On Driver Aides & Information, Warning Indicators/Messages/Chimes, Engine Oil Pressure , Unknown
227Q*	Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Flashes Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Inoperative Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Intermittent Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Stays On Driver Aides & Information, Warning Indicators/Messages/Chimes, Service Engine Soon (Engine Image) , Unknown
4401*	Start/Run/Move, Starting , No Crank, Always Start/Run/Move, Starting , No Crank, Cold Start/Run/Move, Starting , No Crank, Hot Start/Run/Move, Starting , No Crank, Intermittent Start/Run/Move, Starting , No Crank, Unknown
4402*	Start/Run/Move, Starting , Slow Crank/Battery, Always Start/Run/Move, Starting , Slow Crank/Battery, Cold Start/Run/Move, Starting , Slow Crank/Battery, Hot Start/Run/Move, Starting , Slow Crank/Battery, Intermittent Start/Run/Move, Starting , Slow Crank/Battery, Unknown
4403*	Start/Run/Move, Starting , Cranks Won't Start, Always Start/Run/Move, Starting , Cranks Won't Start, Cold Start/Run/Move, Starting , Cranks Won't Start, Hot Start/Run/Move, Starting , Cranks Won't Start, Intermittent Start/Run/Move, Starting , Cranks Won't Start, Unknown
442000	Start/Run/Move, Moving, Unknown, Unknown
4424*	Start/Run/Move, Moving, Engagement Quality, Forward Start/Run/Move, Moving, Engagement Quality, Reverse Start/Run/Move, Moving, Engagement Quality, Park Start/Run/Move, Moving, Engagement Quality, Unknown

4425*	Start/Run/Move, Moving, No Engagement, Both (Fwd and Rvrs) Start/Run/Move, Moving, No Engagement, Forward Start/Run/Move, Moving, No Engagement, Reverse Start/Run/Move, Moving, No Engagement, Unknown
552*	Driving Performance, Stalls/Quits, Unknown, Unknown Driving Performance, Stalls/Quits, At Idle, Unknown Driving Performance, Stalls/Quits, At Idle, Always Driving Performance, Stalls/Quits, At Idle, Cold Driving Performance, Stalls/Quits, At Idle, Hot Driving Performance, Stalls/Quits, At Idle, Intermittent Driving Performance, Stalls/Quits, Acceleration, Unknown Driving Performance, Stalls/Quits, Acceleration, Always Driving Performance, Stalls/Quits, Acceleration, Cold Driving Performance, Stalls/Quits, Acceleration, Hot Driving Performance, Stalls/Quits, Acceleration, Intermittent Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Unknown Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Always Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Cold Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Hot Driving Performance, Stalls/Quits, Cruise/ Steady Speed, Intermittent Driving Performance, Stalls/Quits, Deceleration, Unknown Driving Performance, Stalls/Quits, Deceleration, Always Driving Performance, Stalls/Quits, Deceleration, Cold Driving Performance, Stalls/Quits, Deceleration, Hot Driving Performance, Stalls/Quits, Deceleration, Intermittent Driving Performance, Stalls/Quits, Not Listed, Unknown
554*	Driving Performance, Lack/Loss of Power, Unknown, Unknown Driving Performance, Lack/Loss of Power, Acceleration, Unknown Driving Performance, Lack/Loss of Power, Acceleration, Always Driving Performance, Lack/Loss of Power, Acceleration, Cold Driving Performance, Lack/Loss of Power, Acceleration, Hot Driving Performance, Lack/Loss of Power, Acceleration, Intermittent Driving Performance, Lack/Loss of Power, Acceleration, While Towing Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Unknown Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Always Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Cold Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Hot Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, Intermittent Driving Performance, Lack/Loss of Power, Cruise/ Steady Speed, While Towing Driving Performance, Lack/Loss of Power, Not Listed, Unknown

The CQIS (or OASIS) database in which the ISMs reside is not capable of performing word searches, so the search results were reviewed manually to determine their applicability to the alleged defect in the subject vehicles.

FIELD REVIEW COMMITTEE

Ford's Field Review Committee reviews all potential field service actions, including safety recalls and customer satisfaction programs, and recommends appropriate actions to corporate management. A Vehicle Service & Programs representative serves as Secretary to the Field Review Committee. Following approval of a field service action, the Vehicle Service & Programs Office prepares and launches the action. A representative copy of the communication to Ford's dealers, fleets, and Regional offices announcing the field service action is maintained in the Field Review Committee files.