

Diagnostic Procedure

Blue iQ® Fault Code 7194



FC	SPN	FMI	Title
7194	8289	17	Fuel System Control Module - Data Valid But Below Normal Operating Range – Least Severe Level Fuel System Control Module - Abnormal Update Rate

Part(s) Affected OEM fuel pressure transducer (Engine Inlet Pressure)

Diagnostic Overview

Fault Code 7194 is a fault triggered when the Blue iQ® Fuel System Control Module (FSCM) detects OEM Engine Inlet Pressure below 30 psi (0.21 MPa) after engine crank start; crank aborted.

Tools Required

Item	Purpose
J1939 OBD-II diagnostic interface	connect vehicle to Cummins® INSITE™ on PC
Cummins® INSITE™	diagnostic software

Circuit / System Verification

1. Connect Cummins® INSITE™ diagnostic tool to vehicle using J1939 OBD-II diagnostic interface and PC and navigate to the “Agility® Fuel Delivery System, CM1881 AFS(18)”.
2. Record all active and stored fault codes and parameters prior to clearing fault codes using INSITE®.

Corrective Action

Fault Code 7194 stems from an issue with OEM engine fuel delivery and is not indicative of a Hexagon Agility® fuel system issue. Consult vehicle OEM and Cummins® repair literature for additional information.

Hexagon Agility® Customer Care and Technical Services

Fuel system warranty or non-warranty product support may be obtained by calling or emailing Hexagon Agility® Customer Care and Technical Services (CCTS).

Please provide **your name, phone number, email address, and complete vehicle information: VIN, year, make, model, mileage, unit number vehicle owner, and current vehicle location.** A service advisor will contact you to arrange vehicle repair or ship a part.

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