

Repair Manual

Audi Q5 2008 ➤

Audi Q5 China 2010 ➤

Fuel Supply - Gasoline Engines

Engine ID	CALB	CAE B	CHJA	CTU C	CPM A	CTU D	CPM B		
-----------	------	----------	------	----------	----------	----------	----------	--	--

Edition 08.2020



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.





List of Workshop Manual Repair Groups

Repair Group

00 - General, Technical Data

20 - Fuel Supply



Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.

Contents

00 - General, Technical Data	1
1 Safety Precautions	1
1.1 Fuel System Safety Precautions	1
2 Repair Information	3
2.1 Clean Working Conditions	3
2.2 Test Conditions	3
2.3 Contact Corrosion	3
20 - Fuel Supply	5
1 Fuel Tank	5
1.1 Overview - Fuel Tank	5
1.2 Fuel Tank, Draining	10
1.3 Fuel Tank, Removing and Installing	22
2 Fuel Delivery Unit/Fuel Level Sensor	36
2.1 Overview - Fuel Delivery Unit/Fuel Level Sensor	36
2.2 Fuel Delivery Unit/Fuel Level Sensor, Removing and Installing	39
2.3 Fuel Level Sensor G , Checking	49
2.4 Fuel Level Sensor G , Removing and Installing	54
3 Fuel Filter	56
3.1 Overview - Fuel Filter	56
3.2 Fuel Filter, Removing and Installing	58
4 EVAP System	60
4.1 Connection Diagram - EVAP System	60
4.2 Overview - EVAP System	64
4.3 EVAP Canister, Removing and Installing	70
4.4 Leak Detection Pump, Removing and Installing	74
4.5 Fuel Tank Pressure Sensor, Removing and Installing	75
4.6 Leak Detection System Air Filter, Removing and Installing	77
4.7 Leak Detection System	79
4.8 Honeycomb Filter, Removing and Installing	83
4.9 Fuel Tank Leak Detection Control Module, Removing and Installing	87
5 Accelerator Pedal Mechanism	89
5.1 Overview - Accelerator Pedal Mechanism	89
5.2 Accelerator Pedal Position Sensors G79 / G185 , Removing and Installing	89
6 Fuel Pump	91
6.1 Transfer Fuel Pump G6 , Checking	91
6.2 Fuel Pump Control Module J538 , Removing and Installing	126
6.3 Fuel Pump Control Module J538 , Checking	127
7 Fuel System, Bleeding	128
7.1 Fuel System, Bleeding	128
7.2 Bleed the Fuel Supply Line to the Metering Pump	128
8 Special Tools	130
9 Revision History	133



Audi

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

erWin