

## Contents

<b>00</b>	<b>Technical data</b> .....	<b>1</b>
1	<b>Safety precautions</b> .....	1
1.1	Safety precautions when working on the fuel system .....	1
1.2	Safety precautions when using testers and measuring instruments during a road test .....	2
2	<b>Repair instructions</b> .....	3
2.1	Rules for cleanliness .....	3
2.2	Test conditions .....	3
2.3	Contact corrosion .....	4
2.4	Routing and attachment of pipes, hoses and wiring .....	4
<b>20</b>	<b>Fuel supply system</b> .....	<b>5</b>
1	<b>Fuel supply system - front-wheel drive</b> .....	<b>5</b>
1.1	Exploded view - fuel tank with attached components .....	5
1.2	Draining fuel tank .....	6
1.3	Removing and installing fuel tank with attached components .....	7
1.4	Exploded view - fuel delivery unit and fuel gauge sender .....	14
1.5	Fuel pump (in fuel tank) - electrical test .....	15
1.6	Removing and installing fuel delivery unit .....	19
1.7	Checking fuel gauge sender G .....	27
1.8	Removing and installing fuel gauge sender G .....	30
2	<b>Fuel supply system - four-wheel drive</b> .....	<b>32</b>
2.1	Exploded view - fuel tank with attached components .....	32
2.2	Draining fuel tank .....	33
2.3	Removing and installing fuel tank with attached components .....	34
2.4	Exploded view - fuel delivery unit and fuel gauge senders .....	41
2.5	Fuel pump (in fuel tank) - electrical test .....	42
2.6	Removing and installing fuel delivery unit .....	44
2.7	Checking fuel gauge sender G .....	51
2.8	Removing and installing fuel gauge sender G .....	52
2.9	Checking fuel gauge sender 2 G169 .....	53
2.10	Removing and installing fuel gauge sender 2 G169 .....	55
2.11	Suction-jet pump .....	59
2.12	Removing and installing suction-jet pump .....	60
3	<b>Tandem pump - vehicles with engine codes BLB, BNA, BRF, BRE, BVG</b> .....	<b>70</b>
3.1	Checking tandem pump .....	70
3.2	Removing and installing tandem pump .....	71
4	<b>Supplementary fuel pump - vehicles with engine codes CAGB, CAHA, CANA, CANB, CANC, CAND, CDYA, CDYB, CDYC</b> .....	<b>74</b>
4.1	Exploded view - supplementary fuel pump V393 .....	74
4.2	Checking delivery rate of supplementary fuel pump V393 .....	75
4.3	Removing and installing supplementary fuel pump V393 .....	77
5	<b>Fuel cooler</b> .....	<b>80</b>
5.1	Exploded view - fuel cooler .....	80
5.2	Removing and installing fuel cooler .....	81
6	<b>Fuel filter</b> .....	<b>83</b>
6.1	Exploded view - fuel filter on vehicles with engine codes BLB, BNA, BRE, BRF, BVG .....	83
6.2	Removing and installing fuel filter - vehicles with engine codes BLB, BNA, BRE, BRF, BVG .....	84
6.3	Exploded view - fuel filter on vehicles with engine codes CAGB, CAHA .....	86
6.4	Removing and installing fuel filter - vehicles with engine codes CAGB, CAHA .....	86
6.5	Removing and installing bracket for fuel filter - vehicles with engine codes CAGB, CAHA .....	88



6.6	Exploded view - fuel filter on vehicles with engine codes ASB, BHQ, BMK, BMZ, BNG, BPP, BSG	88
6.7	Removing and installing fuel filter - vehicles with engine codes ASB, BHQ, BMK, BMZ, BNG, BPP, BSG	90
6.8	Exploded view - fuel filter on vehicles with engine codes CANA, CANB, CANC, CAND, CDYA, CDYB, CDYC	91
6.9	Removing and installing fuel filter - vehicles with engine codes CANA, CANB, CANC, CAND, CDYA, CDYB, CDYC	92
6.10	Removing and installing bracket for fuel filter - vehicles with engine codes CANA, CANB, CANC, CAND, CDYA, CDYB, CDYC	93
<b>7</b>	<b>Bleeding fuel system</b>	<b>94</b>
<b>8</b>	<b>Checking fuel system for leaks</b>	<b>95</b>
8.1	Checking fuel system for leaks - vehicles with engine codes BLB, BNA, BRE, BRF, BVG	95
8.2	Checking fuel system for leaks - vehicles with engine codes ASB, BHQ, BMK, BMZ, BNG, BPP, BSG	97
8.3	Checking fuel system for leaks - vehicles with engine codes CAGB, CAHA, CANA, CANB, CANC, CAND, CDYA, CDYB, CDYC	99
<b>9</b>	<b>Servicing accelerator mechanism</b>	<b>100</b>
9.1	Exploded view - accelerator mechanism	100
9.2	Removing and installing accelerator pedal module with accelerator position sender	101