

Contents

25	Mixture preparation, Injection	1
1	Servicing K-Jetronic injection system	1
1.1	Servicing K-Jetronic injection system	1
1.2	Safety precautions	1
1.3	Rules for cleanliness	1
1.4	Technical data	2
1.5	Checking fuel pump relay -J17 and actuation	3
1.6	Checking cold start valve -N17	6
1.7	Checking thermo-time switch -F26	10
1.8	Checking cold acceleration enrichment	12
1.9	Checking diaphragm pressure switch -F93	14
1.10	Checking and adjusting throttle valve switch -F25	15
1.11	Checking auxiliary air valve -N21	18
1.12	Basic setting of throttle valve	20
1.13	Checking intake system for leaks (unmetered air)	21
2	Servicing fuel system	23
2.1	Servicing fuel system	23
2.2	Exploded view of fuel distributor	23
2.3	Exploded view of air-flow meter/intake manifold	26
2.4	Exploded view of throttle valve assembly	30
2.5	Checking idling speed and CO content	33
2.6	Checking idling-speed boost	36
2.7	Connecting remote control V.A.G 1348/3A with adapter lead V.A.G 1348/3-2	38
2.8	Connecting pressure gauge V.A.G 1318 with test adapter 1318/4	39
2.9	Checking system pressure and holding pressure	39
2.10	Checking warm-up regulator -N9	42
2.11	Removing and installing injectors	44
2.12	Checking injectors	46
2.13	Checking air-shrouded injectors and inserts for leaks	49
2.14	Removing and installing injector insert	50
2.15	Checking adjusting lever and control plunger	50
2.16	Checking and adjusting rest position and idle motion of sensor plate	51
2.17	Basic setting of adjusting lever	53
2.18	Removing and installing control plunger	54
28	Ignition system	56
1	Checking ignition system	56
1.1	Checking ignition system	56
1.2	Safety precautions	56
1.3	Adjustment data, spark plugs	56
1.4	Servicing ignition system	57
1.5	Installing ignition distributor	61
1.6	Checking and adjusting ignition point	63
1.7	Checking ignition timing	65
1.8	A - Checking centrifugal advance	66
1.9	B - Checking vacuum advance	67
1.10	Checking ignition coil	70
1.11	Checking TCI-H switch unit -N41	71
1.12	Checking Hall sender -G40	73