1.6 L - Mono-Motronic/55kW, engine code ABU

from August 1992

Notes:

For information concerning

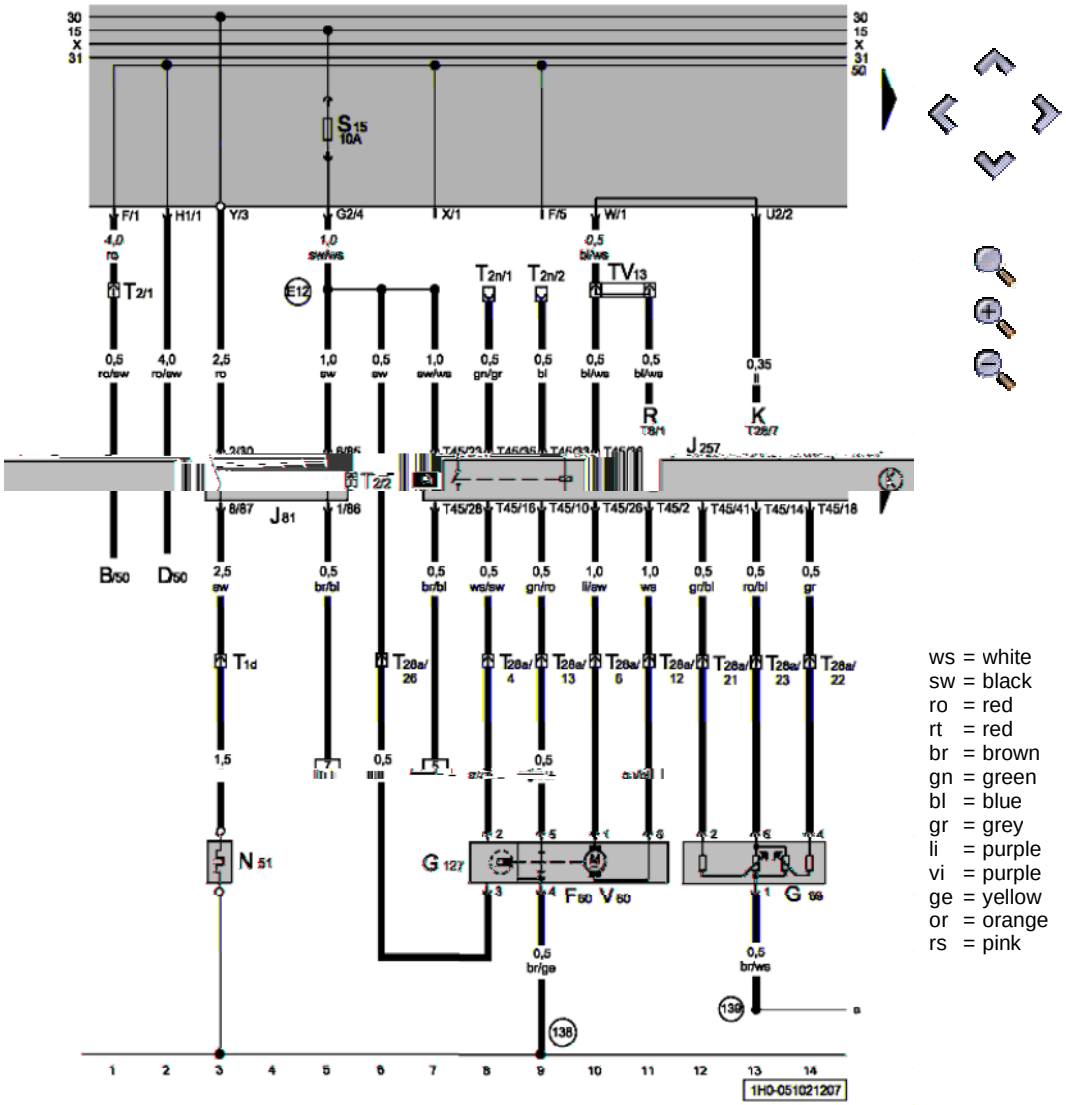
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

→ List of Fitting Locations!

For information concerning

- Fault Finding Programs

→ Guided Fault Finding



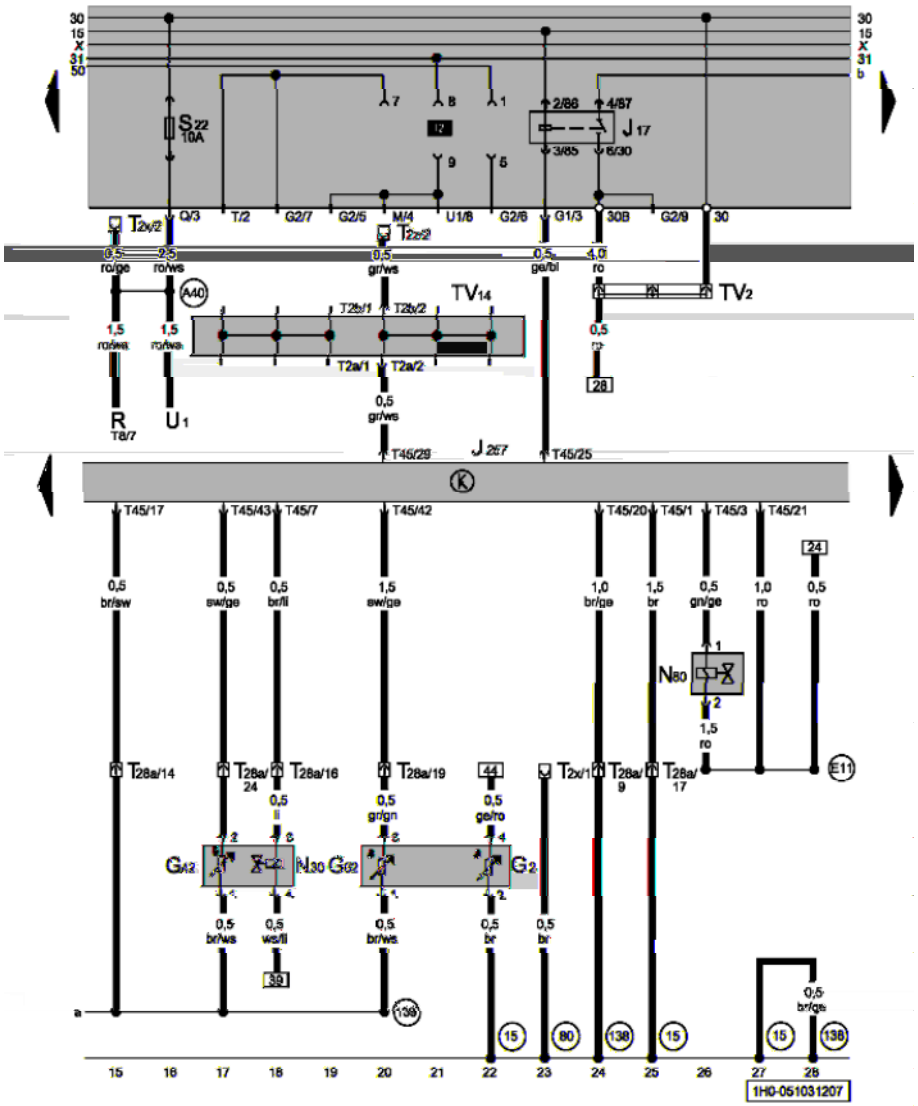
Intake manifold preheating, throttle valve potentiometer, throttle valve positioner, Mono-Motronic control unit

B	-	Starter
D	-	Ignition/starter switch
F60	-	Idling speed switch
G69	-	Throttle valve potentiometer
G127	-	Throttle valve positioner sender
J81	-	Intake manifold preheating relay
J257	-	Mono-Motronic control unit
K	-	Dash panel insert
N51	-	Intake manifold preheating heater element
R	-	Radio
T1d	-	1-pin connector, near intake manifold
T2	-	2-pin connector, behind relay carrier
T2n	-	2-pin connector, behind relay carrier, air conditioning system connection
T8	-	8-pin connector
T28	-	28-pin connector
T28a	-	28-pin connector, on engine
T45	-	45-pin connector
TV13	-	Speed signal wiring junction, above the relay plate
V60	-	Throttle valve positioner
138	-	Earth connection (control unit), in Mono-Motronic wiring harness
139	-	Earth connection (sender earth), in Mono-Motronic wiring harness
E12	-	Positive connection 1 (15), in Mono-Motronic wiring harness

Golf/Vento

Current Flow Diagram

No. 51 / 3



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

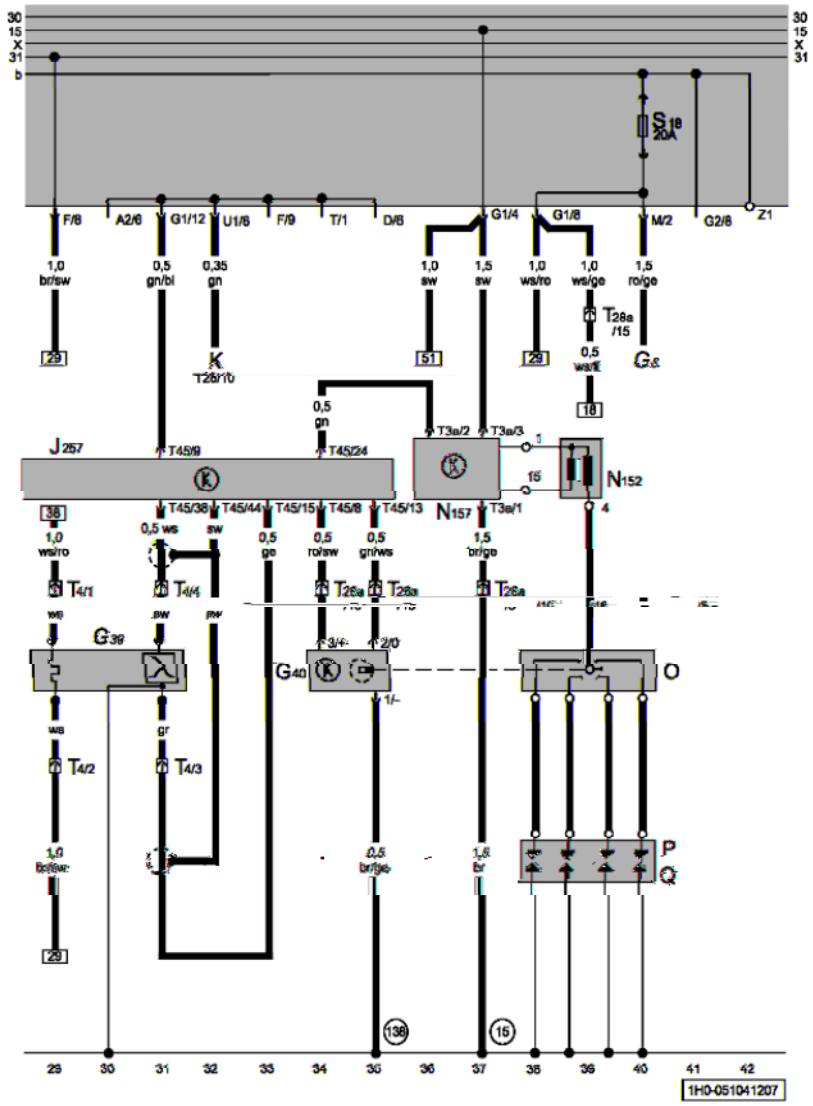
Injector, sender for coolant temperature and air inlet temperature, control unit for Mono-Motronic

G2	-	Coolant temperature display sender
G42	-	Intake air temperature sender
G62	-	Coolant temperature sender
J17	-	Fuel pump relay
J257	-	Mono-Motronic control unit
N30	-	Injector
N80	-	Activated charcoal filter solenoid valve 1
R	-	Radio
T2x	-	2-pin connector, behind centre of dash panel, self-diagnosis connection
T2z	-	2-pin connector, behind centre of dash panel, self-diagnosis connection
T8	-	8-pin connector
T28a	-	28-pin connector, on engine
T45	-	45-pin connector
TV2	-	Terminal 30 wiring junction
TV14	-	Self-diagnosis wiring junction
U1	-	Cigarette lighter
15	-	Earth point, on cylinder head
80	-	Earth connection 1, in dash panel wiring harness
138	-	Earth connection (control unit), in Mono-Motronic wiring harness
139	-	Earth connection (sender earth), in Mono-Motronic wiring harness
A40	-	Positive connection (30), in instrument wiring harness
E11	-	Positive connection (30), in Mono-Motronic wiring harness

Golf/Vento

Current Flow Diagram

No. 51 / 4



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

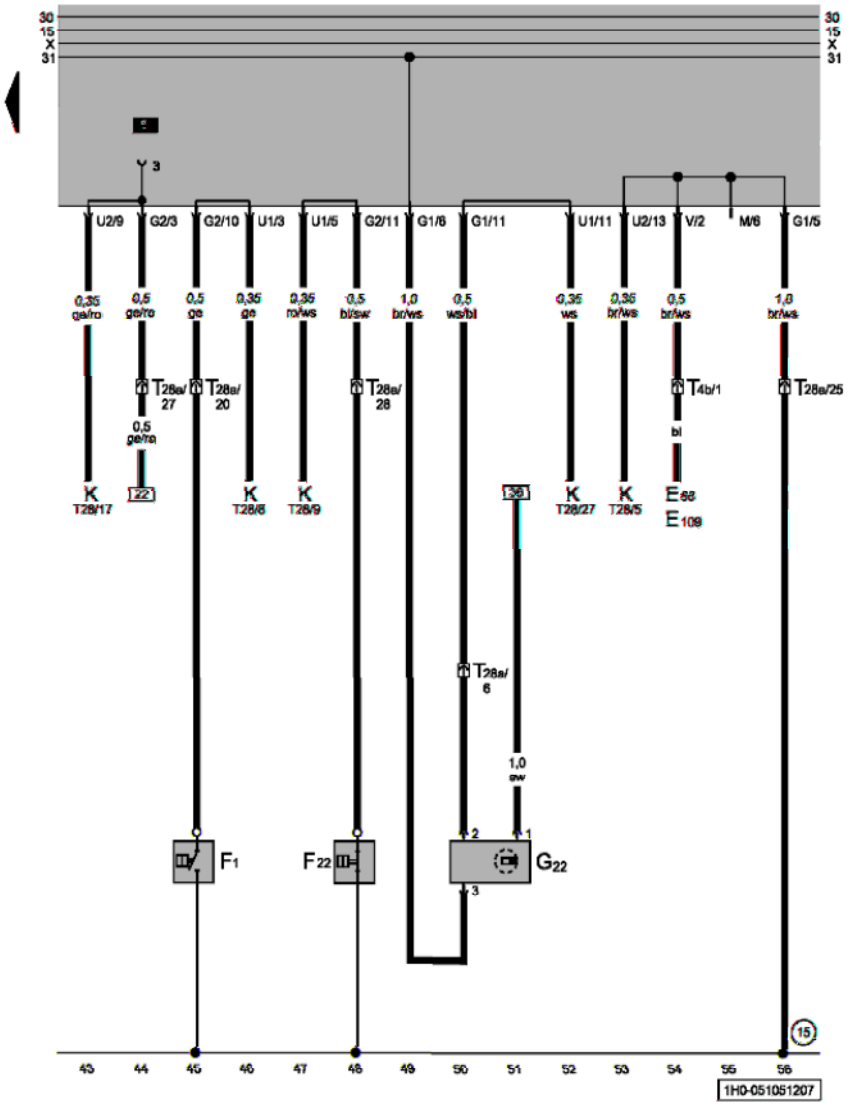
Fuel pump, lambda probe, Mono-Motronic control unit, ignition system

G6	-	Fuel pump
G39	-	Lambda probe
G40	-	Hall sender
J257	-	Mono-Motronic control unit
K	-	Dash panel insert
N152	-	Ignition transformer
N157	-	Ignition transformer output stage
O	-	Ignition distributor
P	-	Spark plug connector
Q	-	Spark plug
T3a	-	3-pin connector, on ignition transformer final output stage
T4	-	4-pin connector, near lambda probe
T28	-	28-pin connector
T28a	-	28-pin connector, on engine
T45	-	45-pin connector
15	-	Earth point, on cylinder head
138	-	Earth connection (control unit), in Mono-Motronic wiring harness

Golf/Vento

Current Flow Diagram

No. 51 / 5



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Speedometer sender, oil pressure switch

E86	-	Multifunction display call-up button
E109	-	Multifunction display memory switch
F1	-	Oil pressure switch*
F22	-	Oil pressure switch*
G22	-	Speedometer sender
K	-	Dash panel insert
T4b	-	4-pin connector, behind steering column switch trim
T28	-	28-pin connector
T28a	-	28-pin connector, on engine
*	-	For switch values, see workshop manual for engine