

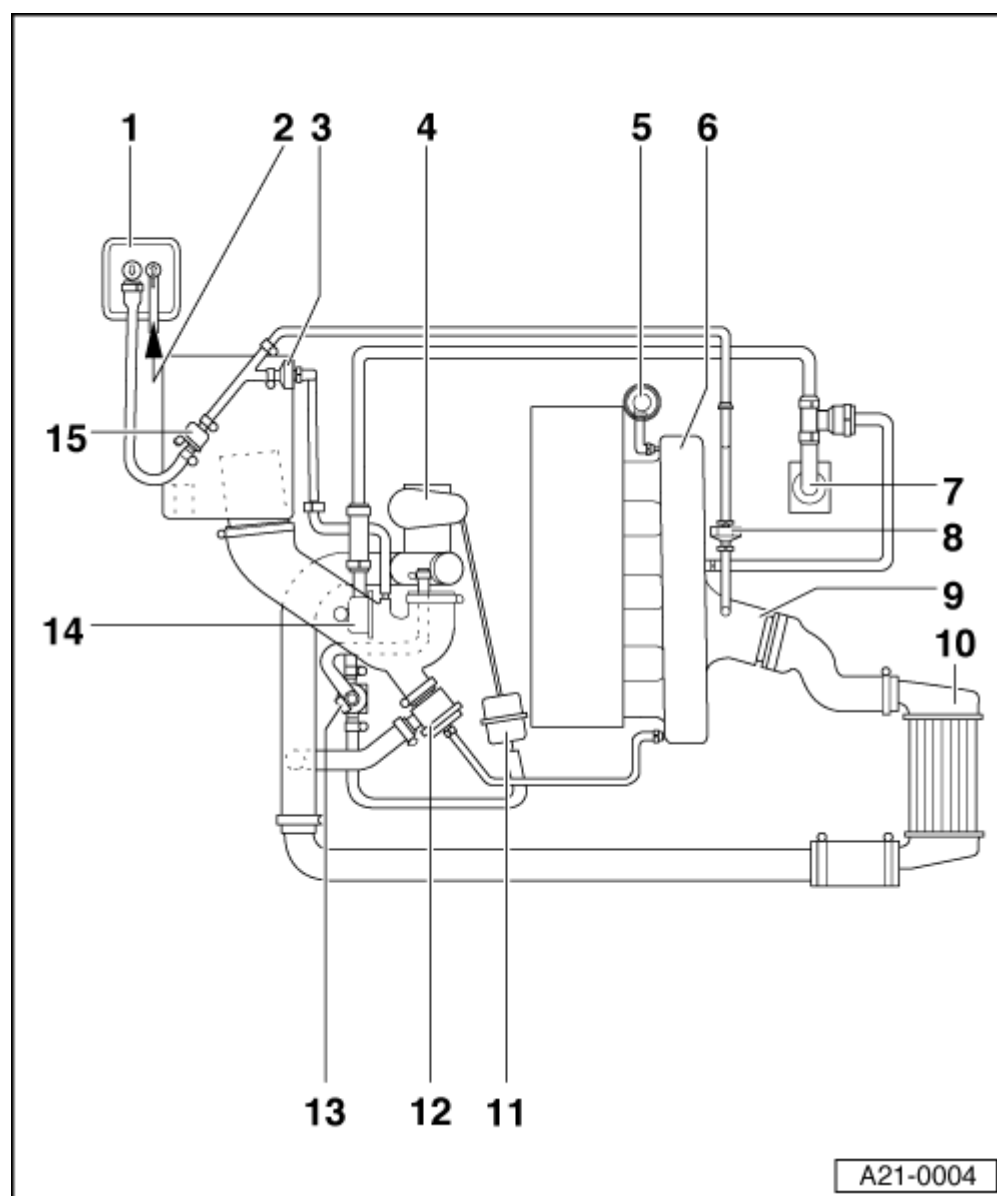
Check charge air system with turbocharger

Connection diagram for charge air control and vacuum control - Engine codes AEB, AJL

Note:

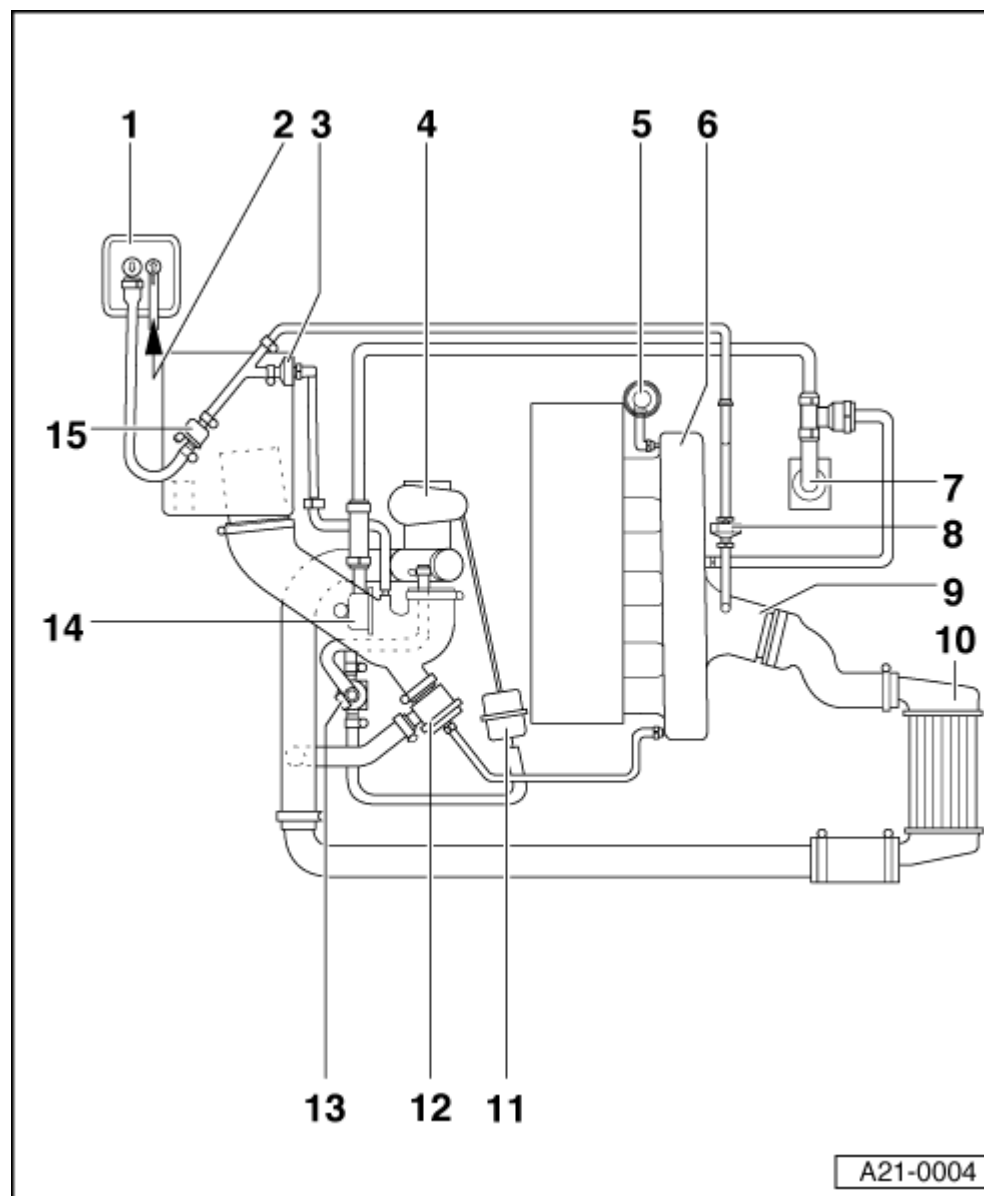
The illustration shows a connection diagram for a vehicle with manual gearbox.

1. Activated charcoal filter
2. Vent pipe
 - ☐ From fuel tank
3. Non return valve for ACF
4. Turbocharger
5. Fuel pressure regulator
6. Intake manifold



7. Crankcase breather
8. Non return valve for ACF
9. Throttle valve control unit - J338
10. Charge air cooler
11. Pressure unit
 - ☐ For charge pressure regulating valve
12. Mechanical air recirculation valve

- Checking
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- 13. Boost pressure control solenoid valve -N75
 - 14. Crankcase breather pressure regulating valve
 - 15. Solenoid valve 1 for activated charcoal filter - N80

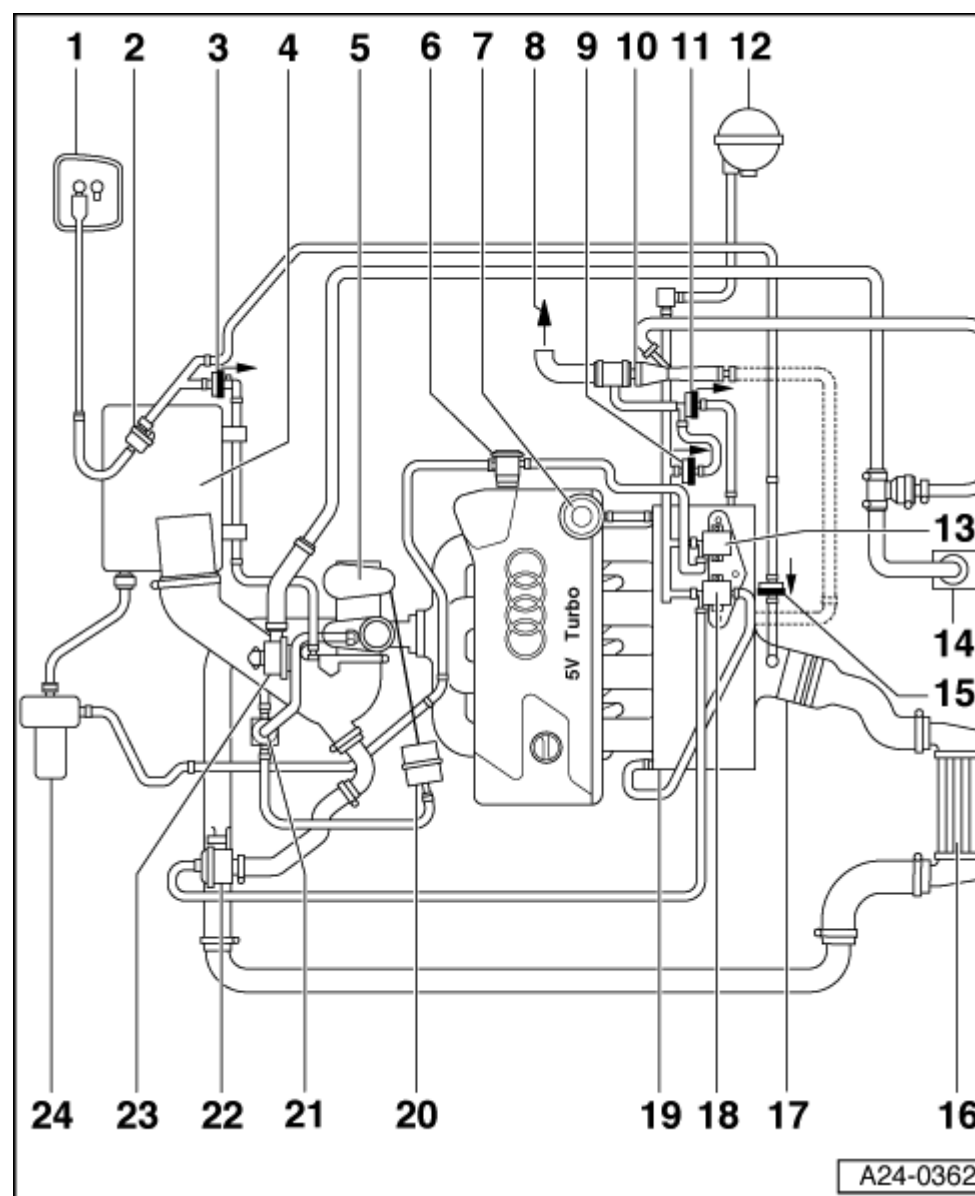


Check charge air system with turbocharger

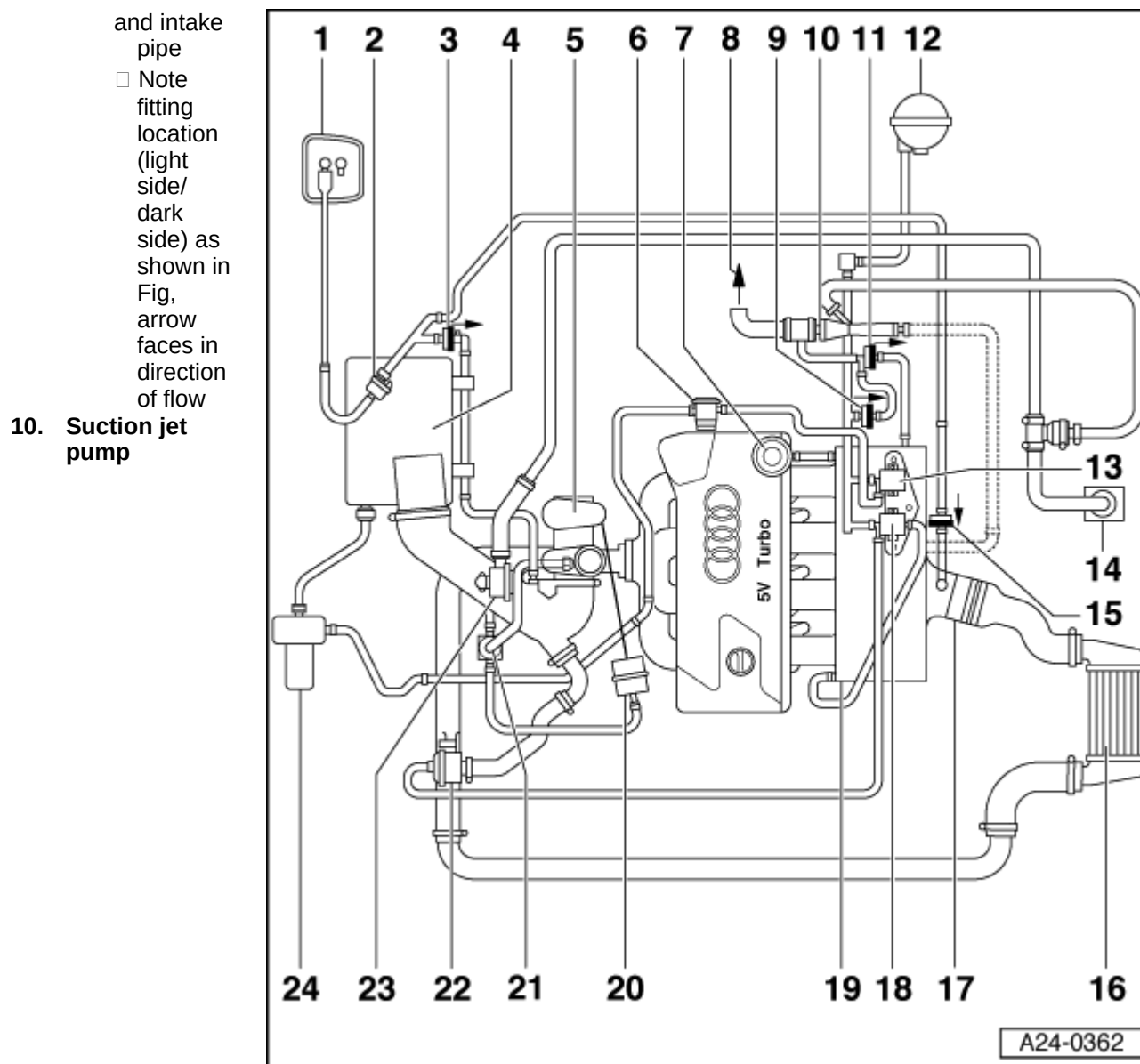
Connection diagram for charge air control and vacuum control - Engine codes ANB, APU

1. Activated charcoal filter
2. Solenoid valve 1 for activated charcoal filter - N80
3. Non return valve for ACF
 - ☐ between ACF container and intake pipe in front of exhaust turbocharger
 - ☐ Note fitting location (light side/dark side) as shown in Fig, arrow faces in direction of flow

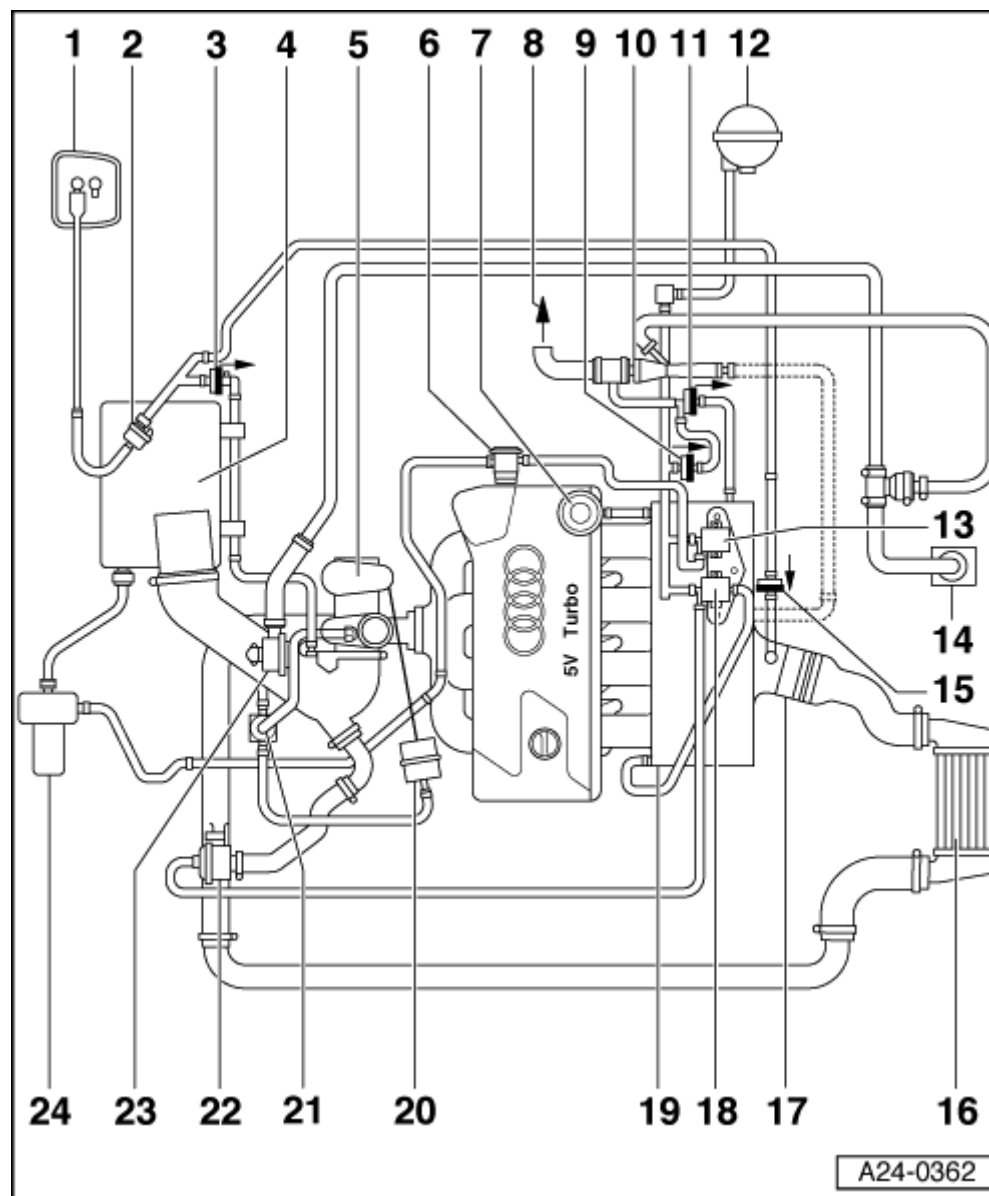
4. Air cleaner
 - ☐ with air mass meter -G70



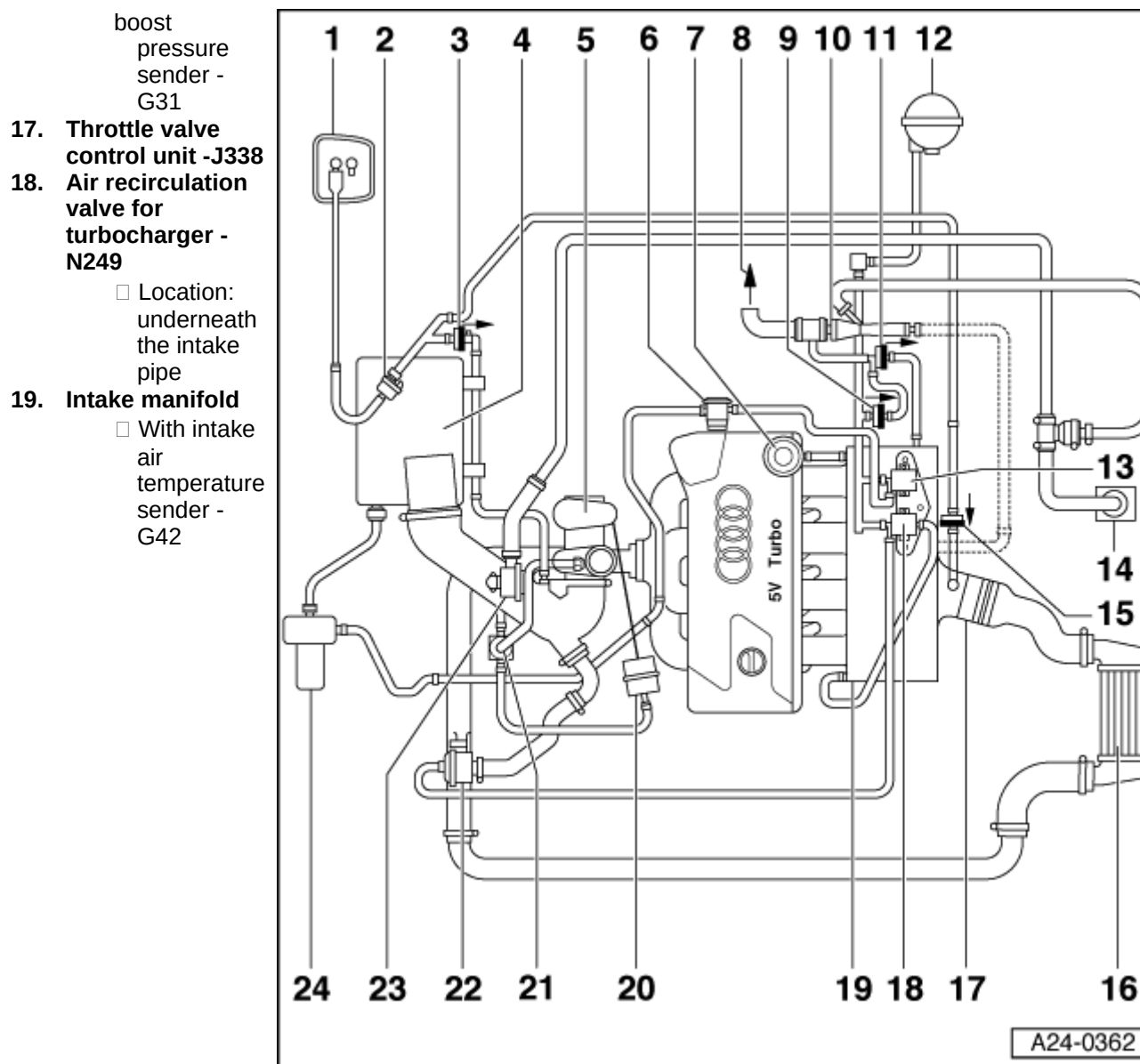
5. Turbocharger
6. Combi valve for secondary air inlet
 - ☐ With engine code ANB only
7. Fuel pressure regulator
8. To brake servo
9. Non-return valve
 - ☐ Between brake servo



- ☐ Location:
In front left
wheel
housing
beneath
wheel
housing
liner
- 13. Checking
secondary air
inlet valve
-N112**
- ☐ With
engine
code ANB
only
- ☐ Location:
underneath
the intake
pipe
- 14. Crankcase
breather**



- 15. Non-return
valve**
- ☐ Between
ACF
container
and
intake
pipe
- ☐ Note
fitting
location
(light
side/ dark
side) as
shown in
Fig,
arrow
faces in
direction
of flow
- 16. Charge air
cooler**
- ☐ With



20. Pressure unit for charge pressure control
21. Boost pressure control solenoid valve -N75
22. Mechanical air recirculation valve
- ☐ Checking =>Page [21-24](#)
23. Crankcase breather pressure regulating valve
24. Secondary air pump motor - V101

□ With
engine
code
ANB only

