

ASSEMBLY & INSTALLATION NOTES

JUBU Emira 460 power upgrade (JU01003PRD)

Please follow the instructions in this manual for a proper assembly & installation of the JUBU Emira 460 power upgrade.

Please find in this document:

- 1. PART LIST**
- 2. ASSEMBLY & INSTALLATION NOTES**
- 3. FIRST START-UPS**

1. PART LIST for product JU01003PRD

#	ITEM	ART-NO.	UNITS
1	JUBU Plug & Play ECU Kit (Syvecs)	JU00166PRD	1
2	Supercharger pulley 460hp	JU00922ART	1
3	Washable JUBU sport airfilter	JU00233ART	1
4	JUBU stainless steel 3-1 headers	JU00012PRD	1
5	JUBU HD HJS sportscat stainless steel	JU00209PRD	1
6	JUBU O2 wideband sensor extension cables	JU00172PRD	1
7	Header gasket	LO00664	2
8	Downpipe gasket	LO00665	2
9	CAT-pipe gasket	JU00927ART	1



Fig 1: Scope of delivery

2. ASSEMBLY & INSTALLATION NOTES

1. The OEM supercharger pulley is replaced by the bigger JUBU supercharger (less boost) pulley for 460hp (2).
Tighten the OEM screws with 17Nm and fix them with *LOCTITE 243* locking lacquer.
2. The OEM air-filter is replaced by the washable JUBU sport-air-filter (3).
3. The OEM headers and the OEM catalytic converter are removed and replaced by the JUBU stainless steel 3-1 headers (4) and the HD HJS sportscat (5). The header gaskets (7), the downpipe gaskets (8) and the CAT-pipe gasket (9) should be replaced with new ones. The M8 Nuts on the headers are tightened with 25Nm. The M10 bolts and nuts are tightened with 50Nm as well as the clamp on the exit of the CAT-pipe.

The pre-CAT-O2 wideband sensors are screwed into the downpipe (OEM position of the after-CAT- O2 wideband sensors) and the after-CAT-O2 wideband sensor are positioned in the sports CAT-pipe/cone (5). All of them are tightened with 50Nm.

⚠ NOTE: Use ceramic paste when screwing in the O2 wideband sensor.

In order to be able to use the O2 wideband sensor in that position you have to use the O2 sensor extension cables (6)



Fig 2: Installing the HD sports CAT-pipe (6)

4. Turn the ignition off. Remove the key out from the car and close the doors.
5. Please wait 60 seconds.
6. Remove the engine bay covers on the left side (gearbox side) to get access to the OEM ECU
7. Disconnect OEM ECU and replace it by the JUBU Plug&Play ECU (1). (torque M6 nuts 8Nm)
8. Please take care that the connectors are plugged in properly. Be careful that no pin's are bent.
9. **⚠ ATTENTION! Don't close the rear tailgate when the ECU is disconnected!**



Fig 3: Installing the JUBU Plug & Play ECU Kit (1)

10. Secure the loose LAN-socket on the cable of the JUBU Plug & Play ECU kit (1) in the engine bay so that no water will enter the socket.
11. Reassemble the car and continue with the first startup.

⚠ NOTE: Every JUBU Plug & Play ECU kit is assigned to one/your VIN-number. Using this ECU in other cars will lead to errors or significant faults!

3. FIRST START-UPS

- The JUBU Plug & Play ECU kit (1) needs some time to learn and adjust to the region where it is operating.(climate and altitude)
- In order to help it in the first stages of learning, we recommend to start-up the car at different times of the day with different temperatures. Leave the car running a few minutes when stationary and then take it for a ride.
- Repeating this a few times will help the ECU to adjust to your environment. This will lead to better idle and overall smoother operation.
- After this procedure the car can be used which it was built for.

If you have any questions or need additional information, please contact us by email:

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