Installation

Active Suspension - Air-Lowering-Systems

Active Suspension Control

MILLTEK

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1. Disclaimer

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2. Copyright

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Any form of reproduction, processing/editing, distribution, copying, editing, translation, storage and any kind of use outside the limits of copyright law require the written approval of the particular. Unauthorized copying/ saving of the provided informations in this manual are illegal and criminal.

3. Safety Instructions

The installation can only be fullfilled by trained specialists. The installation has to be done while the car‘s battery is unplugged. The usage of the Active Suspension Control is only applicable for the car models mentioned in this mounting guideline. The installation has to be done step by step as it‘s described in this mounting guideline.The Cete Automotive GmbH does not take responsibility for damages, caused through:

- inproper installation
- the usage of unsuitable connectors
- installations in not mentioned car models

The producer reserves the right to change components without giving reasons Errors and omissions excepted

4. General Informations

We ask you to read this manual thoroughly and completely and uphold to the given instructions. During the development we focused on safety, ease of use, design, innovative development, etc, to guarantee a high qualtiy product for the consumer. Despite the greatest care improper installation and using or incorrect operation can result in material damages. Depending on the product and it‘s purpose it may be necessary to check the legal requirements of the country before commissioning. To receive consideration for warranty claims the product hast to be send back with it‘s original package, the proof of purchase and an error description. Please note the returns policies. The warranty regulations apply. The warrenty claim and the operating permit expires through: unauthorized modification of the product, own repairings, violent impacts, improper use, opening the case.

5. General remarks

Please note, that the Active Suspension Control is a vehicle requiring official approval product. Please register this product as soon as possible.

According to the lowering, we also recommand you to do a recalibration of the driving assistances, to have a full preservation of functions for these components.

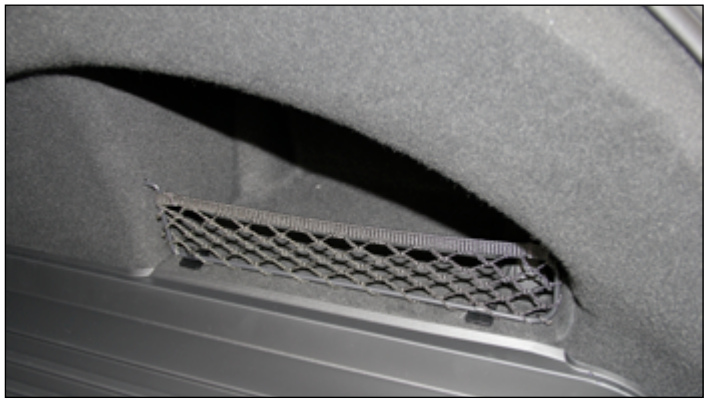
6. Technical specifications

Model designation:	Active Suspension Control
Operating temperature:	-40 °C bis 85 °C
Operating voltage:	7 V bis 20 V
Average power consumption:	200 mA
WiFi frequency:	2,4 Ghz



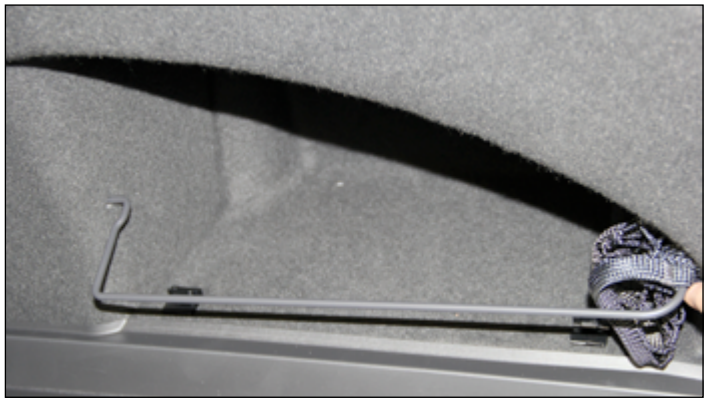


7. Preparation (Model: A6 Limo / A7)



Step 1) Romoving Covers

You can find the place of installation for the models A6/S6/RS6 and A7/S7/RS7 at the (rear-) trunk on the right side.



Lift down the grille out of its holding and push the grid to the side. Rotate the retaining clip by 90 degrees and than pull out the grille.

8. Preparation (Modell: A6 Avant)



Step 1) Removing covers

You can find the place of installation for the model A6 Avant at the (rear-)trunk on the right side.



Remove the cover on the right side of your (rear-) trunk (a coin with the right fit can be helpful).

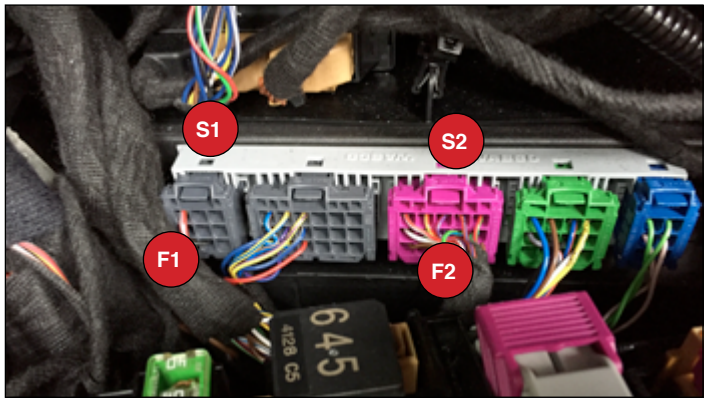
9. Preparation (Continuationfor the models: A6 Limo / A6 Avant / A7)



Step 2) Removing covers

Remove the cover carefully out of its holding. Be careful with the cables of the cigarette lighter.

10. Wiring (Models: A6 Limo / A6 Avant / A7)



Step 3) important slots of the control unit

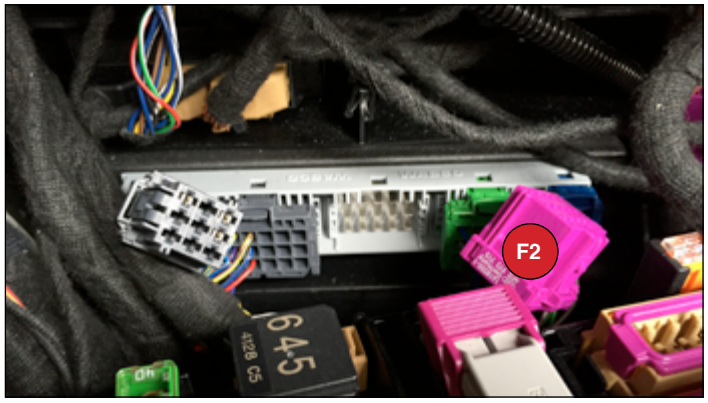
- F1: grey plug (9-pole)
- F2: pink plug (15-pole)

- S1: slot 1 in the control unit
- S2: slot 2 in the control unit



Step 4) Wiring at the control unit

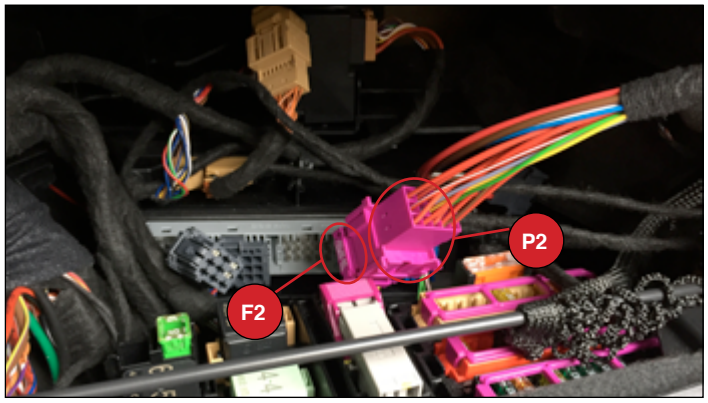
Remove the plug F1 (grey, 9-pole). The plug will be used later, now it must lay free.



Step 5) Wiring at the control unit

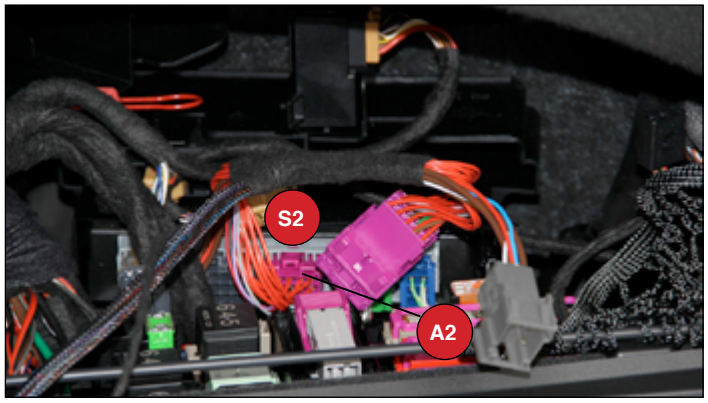
Remove the Plug F2 (pink, 15-pole). The plug will be used later, now it must lay free.

10. Wiring (Models: A6 Limo / A6 Avant / A7)



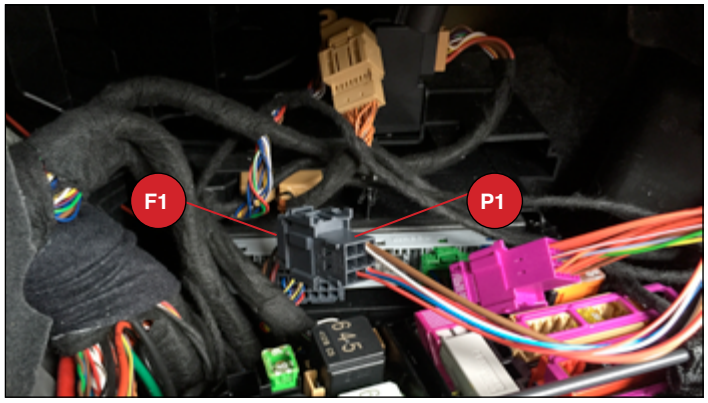
Step 6) Connecting to the adapter

Connect the plug F2 (pink, 15-pole) with the fitting adapter P2 (pink).
Info: see appendix for „Individual listing plugs & slots“.



Step 7) Connection of the ASC harness

Now plug in the plug A2 (pink) of the ASC harness into the slot S2 of the control unit (see appendix for „Individual listing plugs & slots“).



Step 8) Connecting to the adapter

Connect the plug F1 (grey, 9-pole) with the fitting adapter P1 (grey). Afterwards plug in the plug A1 of the ASC harness into the slot S1 of the control unit.
Info: see appendix for „Individual listing plugs & slots“

11. Installation Active Suspension Control

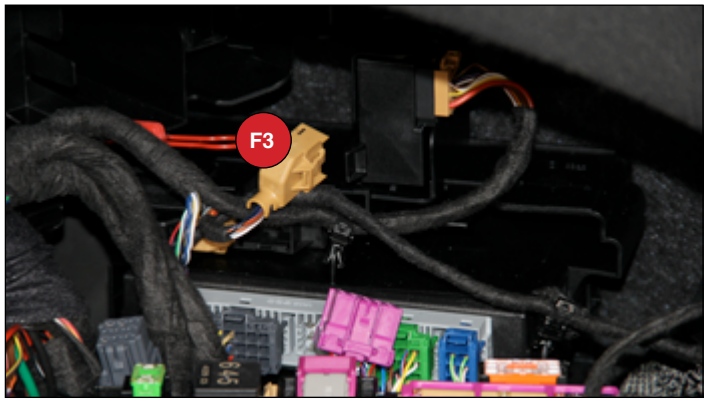
In the following part of the manual are 3 different variants to install the Active Suspension Control for different Audi models. **Please just follow the instructions, which suits to your model!**

The following variants are present:

1. Cars without Active Sound Systems, but with Park Assist (PA) or all before-Facelift models without Active Sound Systems
2. Cars with Active Sound Systems
3. All cars with facelift, but without Park Drive Assistant and without Active Sound Systems

On the next pages you can find the installation guide of the Active Suspension Control for the variants 1 to 3.

12. Variant 1: Cars without Active Sound Systems, but with PA / or before-Facelift



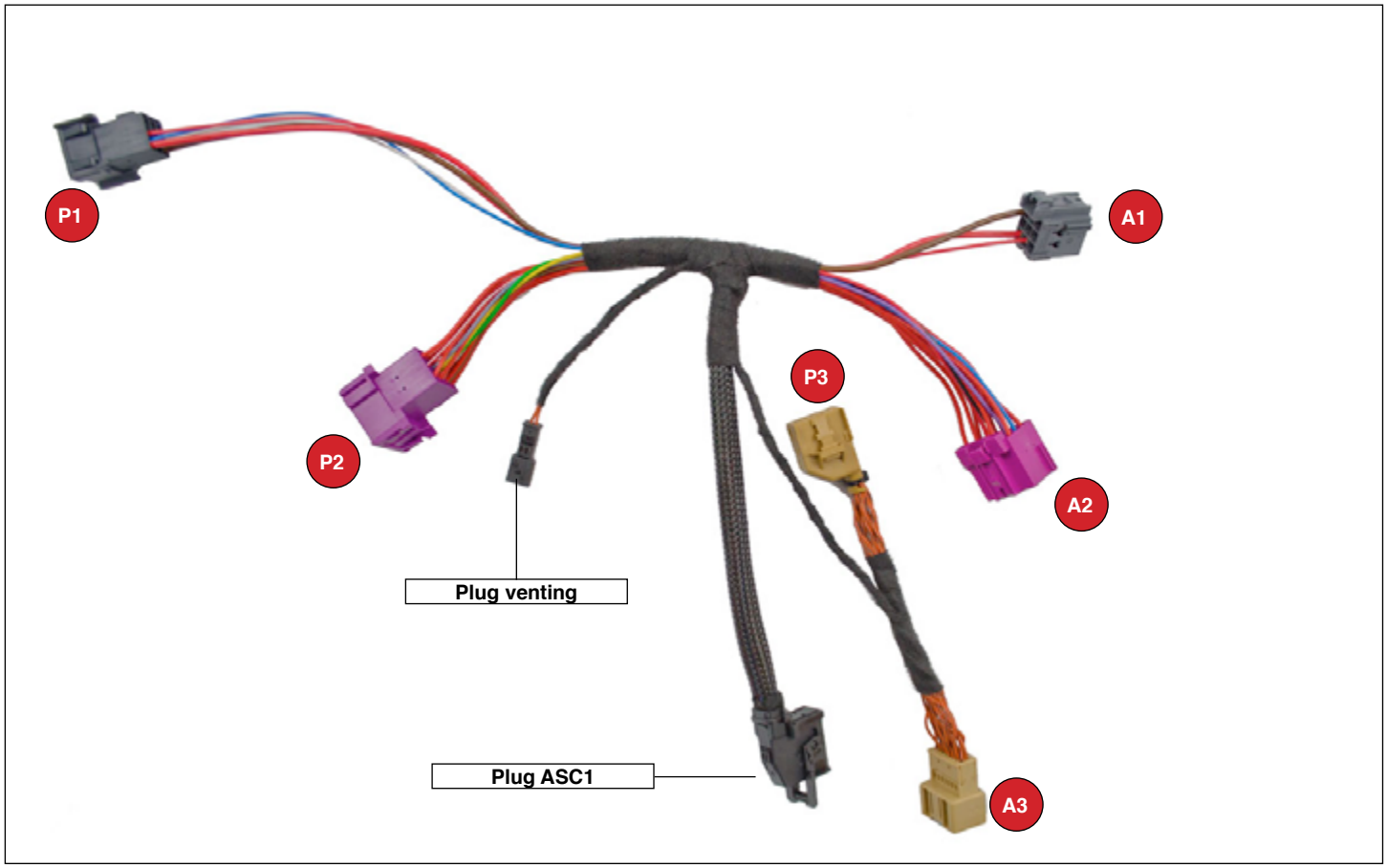
Step 1)

Pull the brown plug F3 (16-pole) out of the PDC control unit.



Step 2)

Now connect the Adapter for the PDC bridge. Therefore you have to plug in the plug F3 (brown, 16-pole) into the Adapter P3.
The free end of the Adapter has to be plugged into the free slot of the PDC control unit.

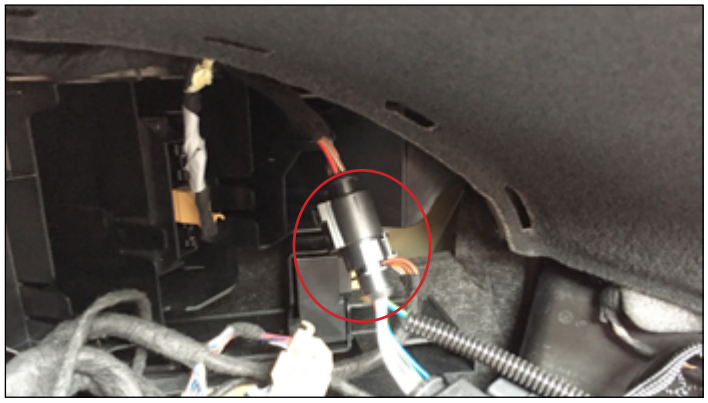


13. Variant 2: Cars with Active Sound Systems



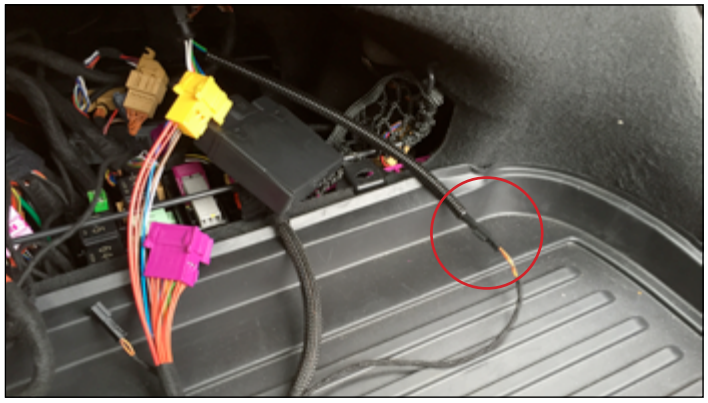
Step 1)

Now install the Active Suspension Control between the harness of the Active Sound control unit and the harness.
First pull the plug out of the control unit.



Step 2)

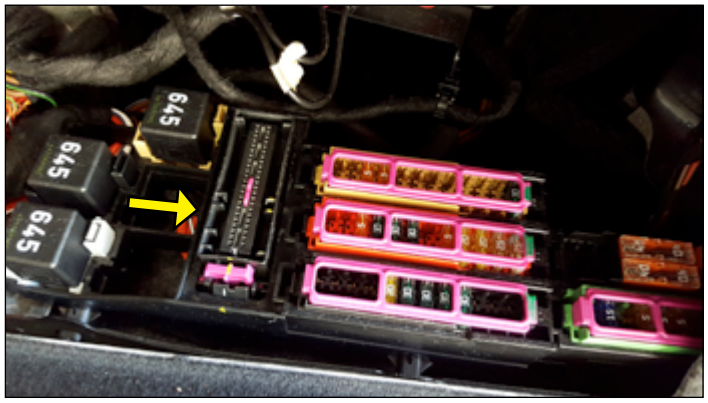
Connect the ASC harness with the previously pulled out plug of the ASC harness (as the picture is showing).



Step 3)

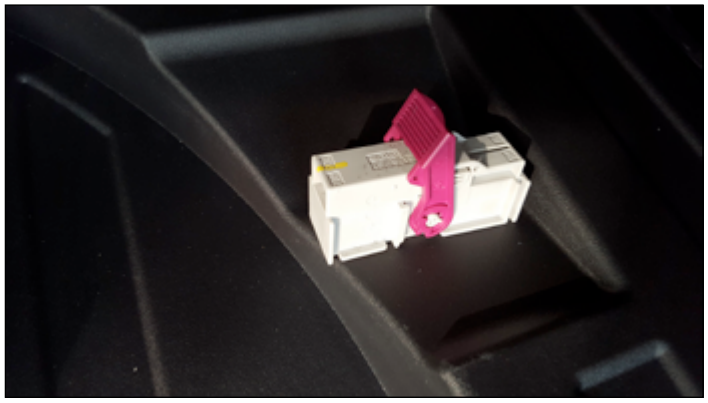
Connect the adapter with the control unit(as the picture is showing).

14. Variant 3: All cars with Facelift, but without PA and Active Sound Systems



Step 1)

Locate the CAN-BUS. This has to be removed in the next steps.



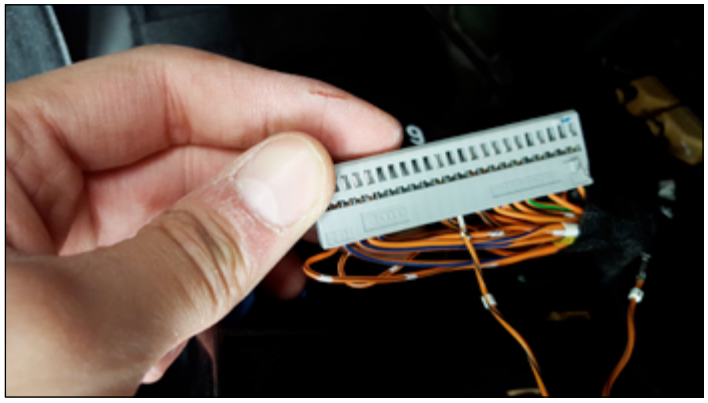
Step 2)

Remove the cover of the plug.



Step 1)

Remove the case of the plug.



Step 2)

Now pin in the CAN-BUS. Therefore you have to connect:

1. CAN-PLUS (orange/black) with PIN12H
2. CAN-MINUS (orange/brown) with PIN12L

15. Assembly of the interior trim (for all three variants)



Step 10) Connection of the ASC

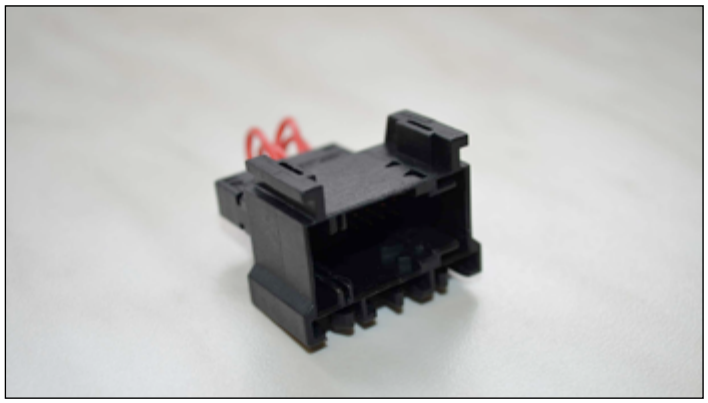
Connect the ASC control unit with the fitting harness. Therefore you have to plug in the plug ASC1 into the fitting slot in the ASC control unit.



Step 11) Stowage of the ASC control unit

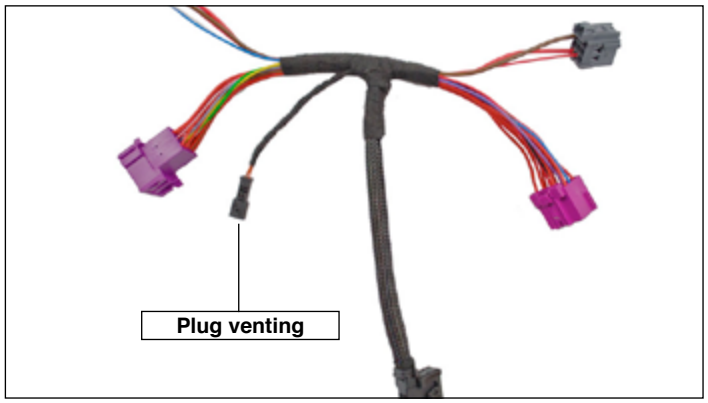
Find a place where you can stow the control unit. Afterwards you have to install the covers back. Just repeat point 7 or 8 (whichever model you have) and point 9 in reverse order.

16. Temporary original condition without extension work



Adapterplug

The supplied adapterplug provides you with an opportunity, to remove the Active Suspension Control temporary, without removing the ASC harness.



Info: *The plug for the venting is laying free. You only have to stow them carefully.*

17. Appendix: Individial listing plugs & slots

