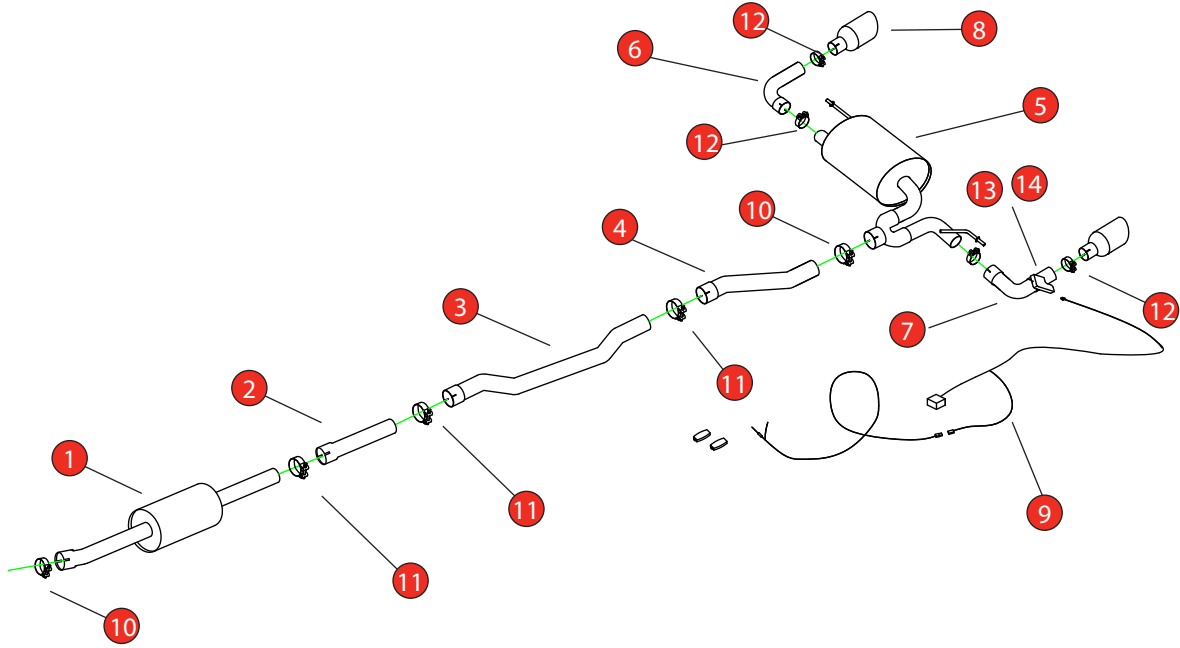


Car	MINI Clubman F54 Cooper S Non GPF Model	Part No.	SMN035CF
Year	2015-2018	Fit Kits	506FK
Notes	Where not supplied use original fittings.	Features	Pipe Diameter:- 70mm

Estimated Fitting Time: 1 Hour 30 Minutes



NO.	PART NO.	DESCRIPTION	QTY
1	664BM	Resonated Front Pipe	1
2	908BM	Front Link Pipe	1
3	834BM	Centre Pipe	1
4	835BM	Rear Link Pipe	1
5	836BM	Rear Silencer	1
6	837BM	R/H Trim Pipe	1
7	879BM	L/H Trim Pipe	1
8	Z023.10162	Ø114mm Carbon Fibre Ascari Trim	2
9	448FK	Valve Control Module	1
Fit Kit			
10	Z016.10055	68-73mm Clamp	2
11	Z016.10063	74mm Heavy Duty Clamp	3
12	Z016.10064	63-68mm Clamp	4
13	Z024.11273	Valve Actuator	1
14	Z017.12783	Valve Spring	1

DATE	20/03/2025
ISSUE	00
AUTHORISED	S Shipley



Link to a video showing the installation of the TunR Valve Control Module.
<https://www.youtube.com/watch?v=8hOIBMkCCbU>

NOTE: ENSURE SCORPION SYSTEM IS OUT OF MOVING PARTS AND ALL ORIGINAL FUNCTIONS WORK CORRECTLY.



STAY CONNECTED TO RED POWER.

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Installation of Valve Control Module

Contents

- Red scotch locks (1x spare included)
- TunR control module
- Fused power cable
- 2x key fobs
- Cable ties

Recommended Tools

- Trim removal tools
- Adjustable grips
- Side cutters
- Scissors
- Electrical tape
- Torch / Head Torch
- Flat head screwdriver

Note: When fitting, ensure cables are correctly suspended away from moving/hot parts. Included 10A fuse must be used. Do not connect directly to battery. **We recommend installing the wiring whilst the exhaust is removed.**

A) Remove parcel shelf, sub floor & boot floor. Fold seats down.

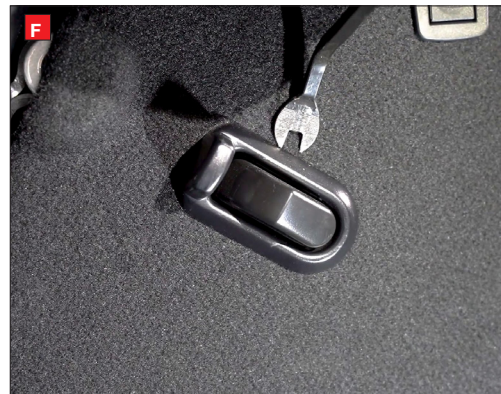
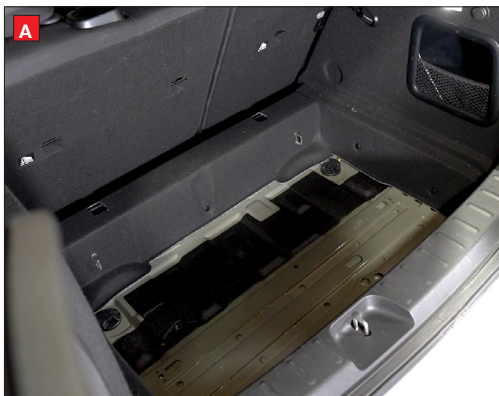
B) Use a trim removal tool to remove all clips holding down the boot slam panel trim.

C) Carefully pull this panel up to remove it from the vehicle. This will provide the access required to neatly run the cable from the boot floor to behind the cigarette lighter.

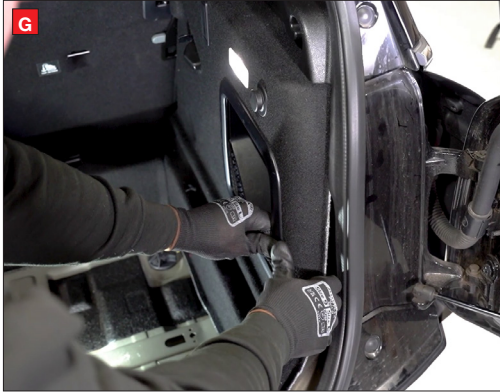
D) Use a trim removal tool to remove all clips holding in the boot side-wall carpet on the right-hand side of the boot.

E) Using the same tool, remove the clip in the back of the side storage compartment.

F) Remove outer plastic from the boot floor clip (on the boot sidewall). Take extreme care when doing this as the plastic can snap very easily.



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G) Carefully pull away the boot wall carpet. At this point, the cigarette lighter and boot light will still be connected.

H) Disconnect cigarette plug and boot light.

I) Locate and remove the grommet that is situated behind the wheel on the right hand side of the car.

J) Using a sharp pair of scissors or a knife, cut the centre of the grommet to make a hole for the cable to pass through.

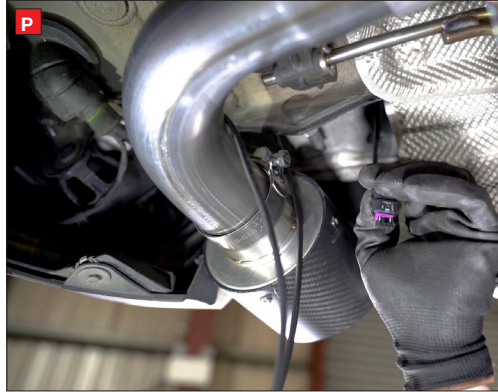
K) Feed cable through grommet pushing through the outside to the inside.

L) Tape cable end together (this will make the next step easier).

M & N) Pass the cable through from the outside of the chassis to the inside. There is another hole on the inner skin that you need to line the cable up with. The grommet can now be fitted into place. Leave plenty of slack cable, this will be tucked away in a later step.



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O, P, Q & R) Begin to route the cable towards the left-hand side of the car. Ensure the cable is full secured and not touching any moving / hot components. The cable needs to be passed over the top of the rear chassis leg / crash bar.

S) Plug the TunR control module into the valve.

T) Plug the TunR control module into the supply cable.

U) Secure the TunR control module up into the rear bumper using the supplied cable ties.

V) Pull back any slack on the power feed cable and push it back into the car.



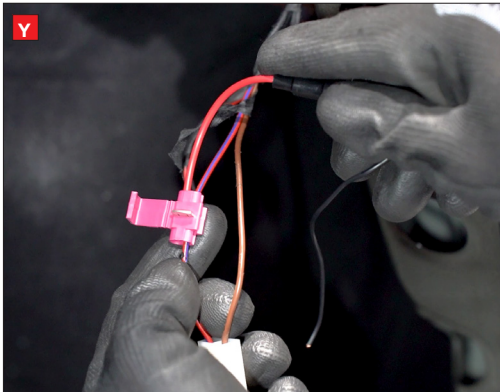
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W) Secure the supply cable using a cable tie to the other cable in the same area as the grommet.

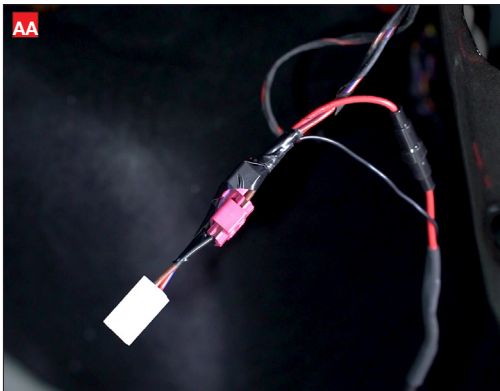
X) Carefully remove the tape from the cigarette lighter feed cable.

Y) Clip the Scotch lock on the blue and red striped wire. Also, slot in the red (12+ positive) wire into the back of the same Scotch lock.



Z) Use a tool such as adjustable grips or pliers to drive the metal connector into the Scotch lock to ensure good connection. Ensure the wires are firmly pushed in. Then clip the Scotch lock together. Repeat this process with the brown and black wires. A spare Scotch lock has been included if required.

AA) Use electrical tape to secure all cables back together.



AB) Coil remaining cable up and use cable ties to secure it together.

AC) Refit interior. Re-installation is reverse of removal. Ensure both boot light and cigarette lighter are reconnected.

