



INSTALLATION INSTRUCTIONS

MAKE: MINI

MODEL: Cooper S (R56/R57)

YEAR: 2007 - 2013

ENGINE: L4-1.6L (Turbo) N18

ALSO FITS: 2009-2010 MINI Clubman S (R55); 2010-2015 MINI Coupe S (R58); 2011-2015 MINI Roadster S (R59); 2012-2016 MINI Paceman S (R61); 2010-2016 MINI Countryman S (R60)

Twisted Steel

Down Pipe

48-36318-1HC (w/ Cat.)



Parts Included:

- P/N: 05-145163 S/A Down-pipe w/ Cat. (x1)
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EMISSIONS DISCLAIMER

This product is EPA compliant, not for sale or use on vehicles certified for the state of California. Consult your state or local authority for any additional clarification. Replacement of catalytic converters (if equipped) is allowed only under the following conditions: 1) It is missing or stolen; 2) It is damaged or lead poisoned as determined by a state or local inspection facility; or 3) It is outside of the manufacturers warranty period (consult your owner's manual), if none stated, 5 years or 50,000 miles.

Caution: aFe recommends professional installation on our products. Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation.

- Step 1:** **(Read instructions prior to installation.)** For faster removal and installation of exhaust a trained professional is recommended for this procedure.
- Step 2:** Secure the stock exhaust with jack/stands.
- Step 3:** Disconnect the negative battery terminal.
- Step 4:** Remove the engine cover.
- Step 5:** From the top of the vehicle unplug the o2 sensor and remove.
- Step 6:** From the top of the vehicle remove the OE down pipe heat shield.
- Step 7:** Remove the center cross brace secured under the stock exhaust system.
- Step 8:** Remove the OE v-band clamp securing the OE Exhaust to the OE down pipe.
- Step 9:** Remove the OE exhaust.
- Step 10:** Remove the o2 sensor.
- Step 11:** Remove the OE nuts on the stock down pipe bracket.
- Step 12:** Remove the OE down pipe heat shield.
- Step 13:** Remove the turbo OE nuts (x3) securing the down pipe to the turbo.
- Step 14:** Remove the OE down pipe.
- Step 15:** Remove the OE gasket from the OE down pipe.
- Step 16:** Install the OE gasket on the aFe down pipe.
- Step 17:** Install aFe down pipe using OE turbo nuts (x3) and tight.
- Step 18:** Re-install the OE down pipe heat shields.
- Step 19:** Re-install the O2 sensors.
- Step 20:** Re-install the OE v-band clamp.
- Step 21:** Re-install the OE nuts on the aFe down pipe bracket.
- Step 22:** Re-install the OE exhaust system.
- Step 23:** Once aligned and you're satisfied with the alignment of the exhaust system, you may now tighten complete system.
- Step 24:** Re-install the tunnel cross brace.
- Step 25:** Re-install the engine cover.
- Step 26:** Reconnect the battery.
- Step 27:** Double check all work and ensure everything is tight.
- Step 28:** Start the vehicle and check for any leaks.
- Step 28:** Your installation is now complete. It is recommended to re-tighten all exhaust components after 50 - 100 miles.

Note: aFe recommends that the tailpipe be at least 1/2"-1" away from any body panels to avoid heat related body damage. Tighten and secure.