

Installation Instructions: CAM CAPS & HYPERTUNE BAFFLES

Warning: Removing cams incorrectly will likely result in broken parts. Ensure to follow the OEM removal procedure for your engine. The summary below is given for a guide only.

CAUTION – DO NOT USE IMPACT TOOLS ON CAM COMPONENTS

Tools Required

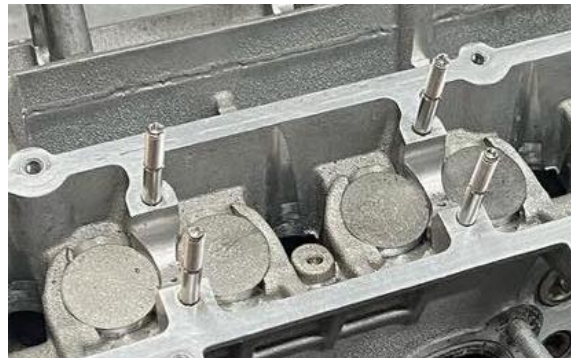
Torque Wrench
10mm socket set.

There are 2 methods for installing your cam cap studs, one more so when building your engine and already have the cams out of the car and the second is more of a direct replacement method which does not include removal of the camshaft.

Scroll down for method number 2 if this is your scenario.

RECOMMENDED METHOD

1. Set your engine to TDC. Follow the workshop manual to do so.
2. Using the workshop manual remove the cam gears and finally the camshafts. Remember to remove the cam shafts by starting in the middle and loosen gradually in several stages in a pattern working your way to the ends.
3. Now that your head is ready to receive the new studs and caps, reverse the procedure from disassembly ensuring the parts are lubricated appropriately.
 - i) Install and torque the cap studs to 8.1Nm 11ft/lbs.



- ii) Install cam caps along with the camshafts and torque the nuts to 8.1Nm 11ft/lbs. (Camshafts not pictured)



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- iii) Once all caps are secured with nuts, install the Hypertune oil baffle and torque the retaining nuts to **8.1Nm 11ft/lbs.** (Ensure to remove the protective film before installation)



**An alternative installation procedure is much quicker but comes at a slight risk.
Do so at your will and confidence.**

1. Simply remove and replace one cam cap at a time by gradually removing the fasteners until the cap is removed.
2. Only remove one cap before replacing it with new hardware.
3. Install the new studs, cap, and nuts then install the baffle and retaining nuts as per the previous instructions.