

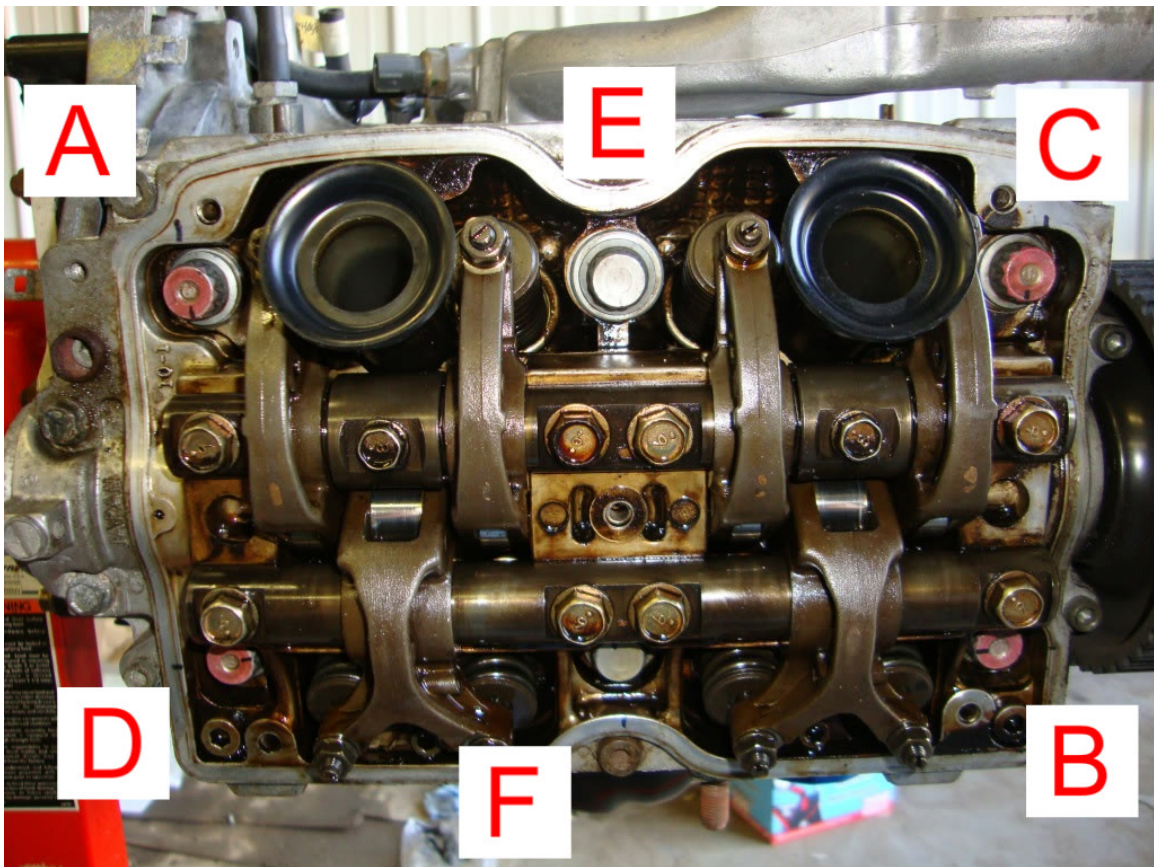
Time to put the cylinder heads back on. This is the OFFICIAL pattern for doing the head bolts. This is straight out of the Subaru Service Manual.

- (1) Apply a coat of engine oil to washers and bolt threads.
- (2) Tighten all bolts to 29 N.m (3.0 kgf-m, 22 ft- lb) in alphabetical sequence.
- Then tighten all bolts to 69 N.m (7.0 kgf-m, 51 ft- lb) in alphabetical sequence.
- (3) Back off all bolts by 180 degrees; then back them off by 180 degrees again.
- (4) Tighten bolts (a) and (b) to 34 N-m (3.5 kgf-m, 25 ft-lb).
- (5) Tighten bolts (c), (d), (e) and (f) to 15 N.m (1.5 kgf-m, 11 ft-lb).
- (6) Tighten all bolts by 80 to 90 degrees in alphabetical sequence.

CAUTION: Do not tighten the bolts more than 90 degrees.

- (7) Further tighten all bolts by 80 to 90 degrees in this sequence: E -> F -> A -> B -> D -> C

Note: In order to keep track of the degrees I turn, I marked the starting position of each bolt with a sharpie on the bolt head and the actual cylinder head. Just pay attention!



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