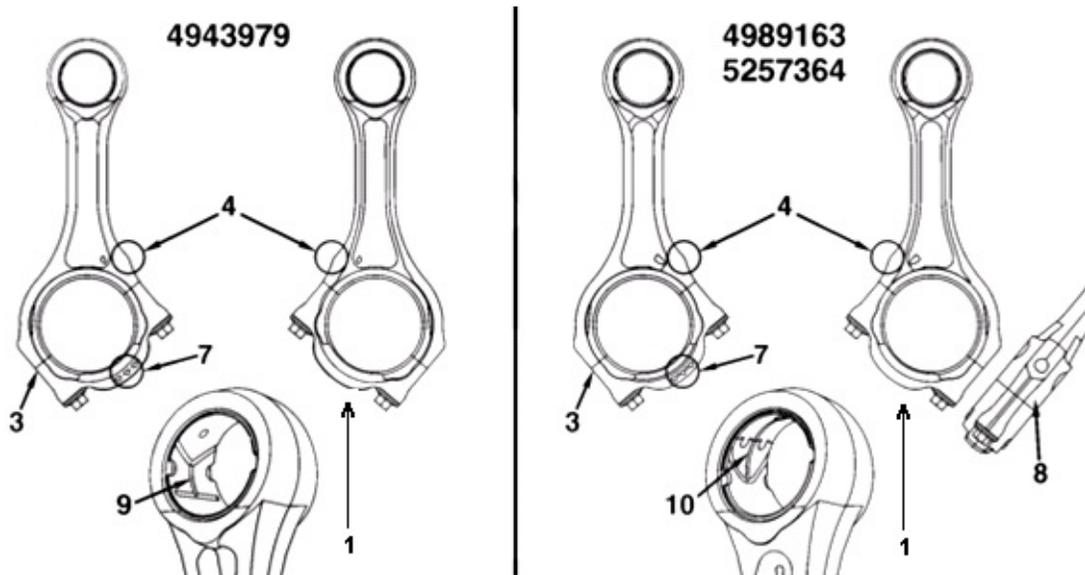


Connecting Rod Update for 2007-2016 Cummins/Dodge 4.5 & 6.7L Diesel Engines

The AERA Technical Committee offers the following information regarding a connecting rod update for the 2007-2016 Cummins/Dodge 6.7L diesel engines. There are multiple rods being used for these engines and one should not assume different casting numbers are interchangeable. There are several unique differences among the different rods that may or may not make interchangeable.



Connecting Rod Characteristics

1. Balance pad
2. Machined surface (does not apply, refers to other B Series rods)
3. Non-machined surface
4. Bump or bulge
5. Smooth (does not apply, refers to other B Series rods)
6. Single dimple (does not apply, refers to other B Series rods)
7. Three dimple
8. "TA LF" or "7364"
9. Oil grooves in leaded pin bushing Part #4891178
10. Oil grooves in lead-free bushings Part # 4983518 and 5257363. (These bushings are not serviceable)

Due to weight differences that will result in engine vibration, special consideration must be given to mixing certain connecting rods in a single engine.



- In engines built before January 1, 2010, with connecting rod Part #4935880, 4943979, 4989163, and 5257364: these rods may only be mixed with each other.
- In engines built after January 1, 2010, with connecting rod Part #4989163, and 5257364: these rods may only be mixed with each other.
- Connecting rod Part Number 3954658 and 3971212 may only be mixed with each other.
- Connecting rod Part Number 4891176 must never be mixed with any other connecting rod.
- Connecting rod Part Number 3942581 must never be mixed with any other connecting rod.

Currently if the piston pin bushing Cummins Part #4983518 or 5257363 is ordered a new connecting rod complete with a new pin bushing will be supplied. AERA is currently unaware of an aftermarket supplier for these two lead-free piston pin bushing. Caution is expressed to evaluate the condition of these connecting rod bushings before removing them.