



**Do88 WC-290 Test Fitment Report
BMW F20 M135i Pre-LCI**

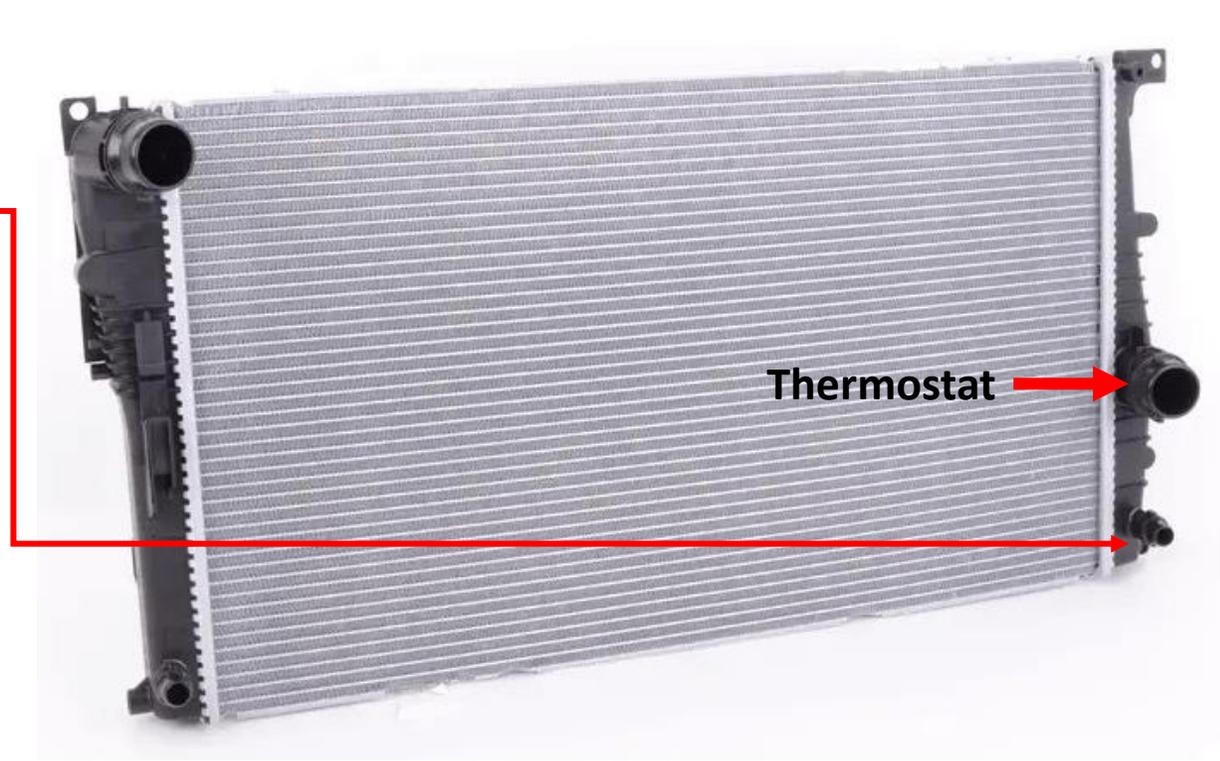
**23 Tannery Lane
Singapore 347785**

4 October 2022



WC-290

OEM Equivalent: 17118672103



BMW F20 M135i PRE-LCI

OEM Equivalent: 17118672104

The coolant return port found on customer vehicle, BMW F20 M135i Pre-LCI is positioned below the thermostat. All other connectors remain the same.



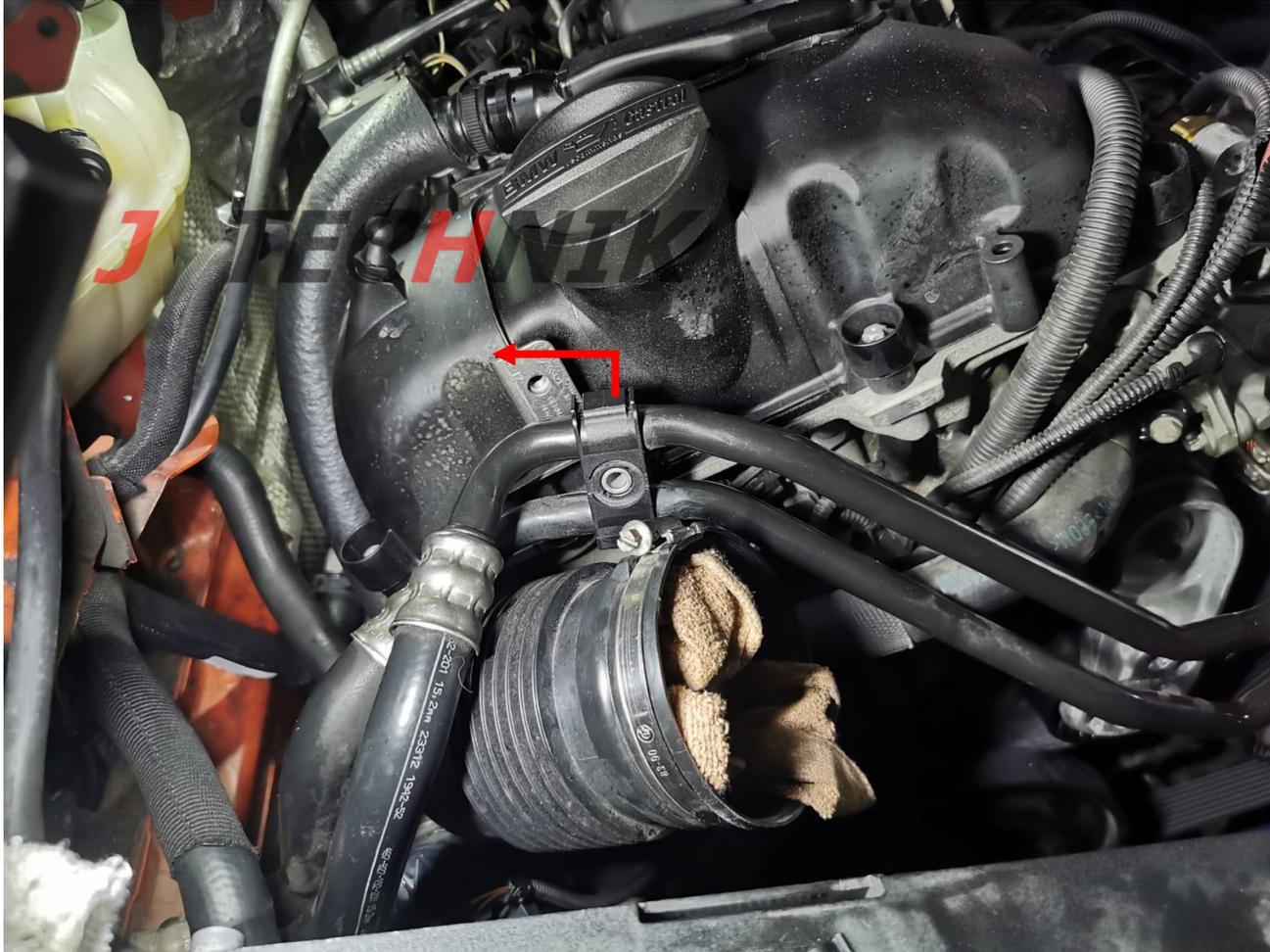
- Replace existing coolant return line with 17127648644 (picture above)
- From the tail end of the pipe, cut out approximately 5.5cm (indicated in green)
- The tail end of the pipe is essentially a reducer (large to small diameter), after cutting away the excess it can be difficult to install the pipe. We recommend to add some grease to aid the installation process





- With the new coolant return line now ready, route it under the thermostat pipe, and away from the thermostat and oil lines.
- Ensure that the new coolant return line does not have any kinks
- If there are kinks present, you may cut away approximately 0.3-0.5cm from the tail end and re-fit the pipe
- Ensure the tail end of the new coolant return line is fitted snugly and installed with the **new spring hose clamp**





- With the oil pipe holder, shift to the left as much as possible
- This pulls the oil lines slightly away and this avoids contact between the new coolant return line and oil lines
- No bracket required to change its position
- Re-attach oil pipe holder with the existing 10mm nut.



- Radiator fits nicely with no issues
- Reconnect all coolant connections and perform pressure test.
- Reinstall all components and you are set!