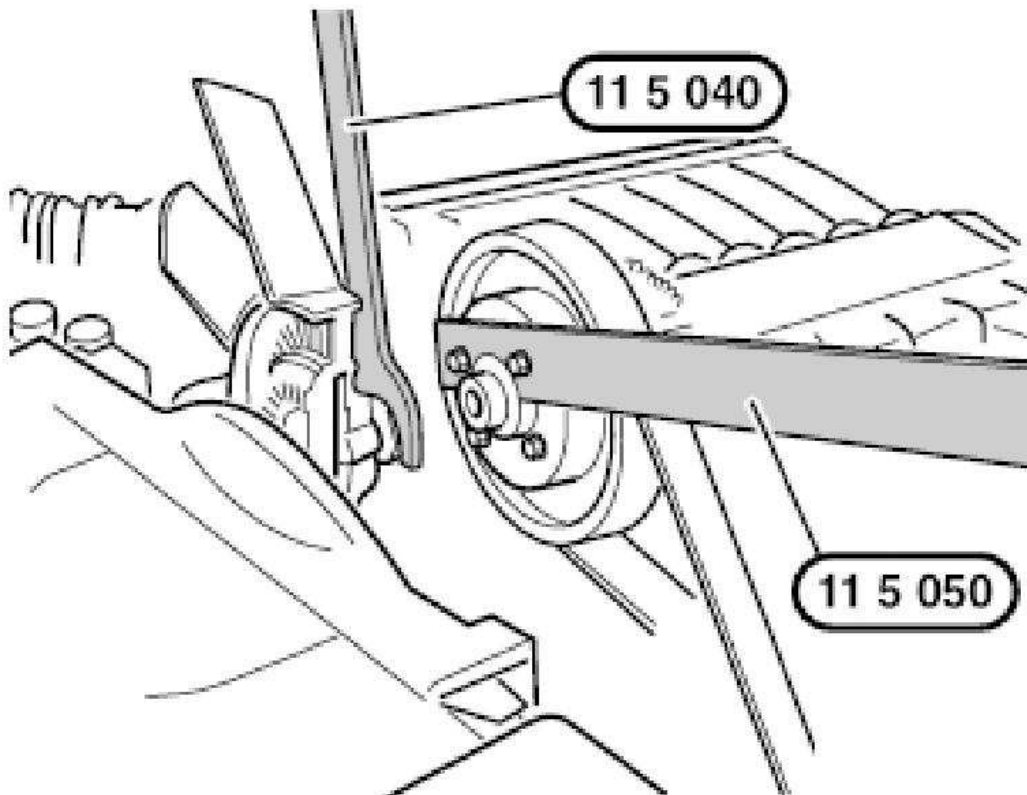


**11 52 020 REMOVING AND INSTALLING OR REPLACING FAN COUPLING (M62)****CAUTION: Left-hand threads.**

Using special tool 11 5 050 brace against pulley and unfasten cap nut from water pump using special tool 11 5 040.

Remove fan wheel with fan coupling from water pump.



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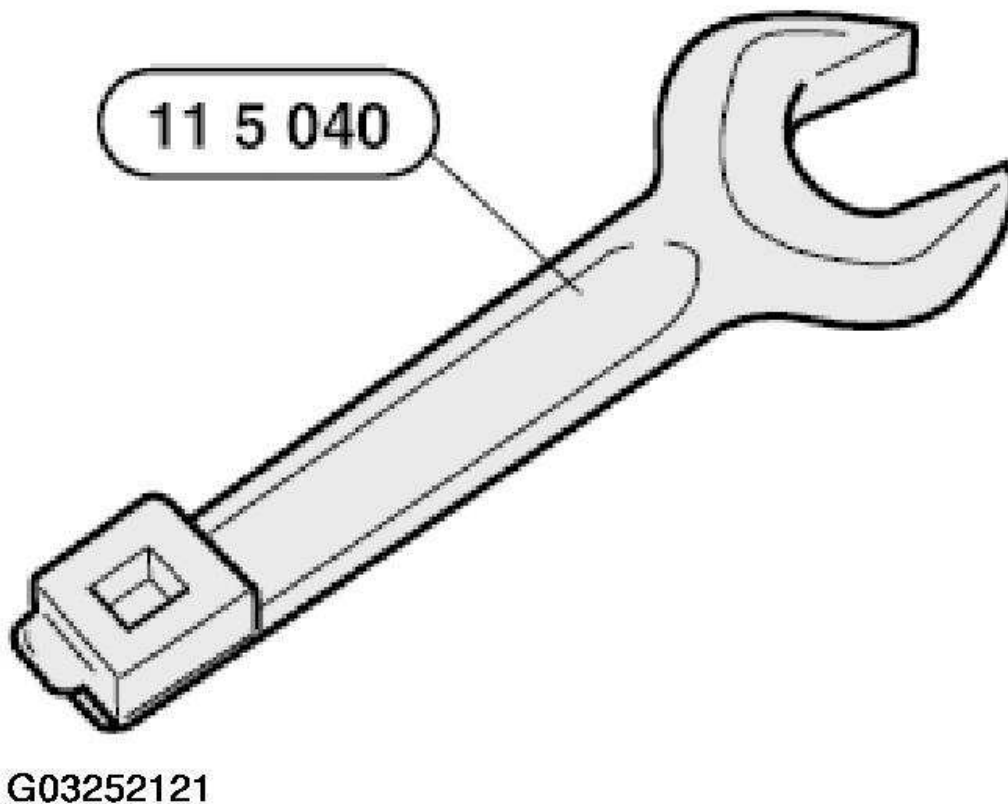
**[Fig. 603: Unfastening Cap Nut From Water Pump Using Special Tool 11 5 040](#)**  
Courtesy of BMW OF NORTH AMERICA, INC.

**Installation**

Tighten down fan wheel using special tool 11 5 040.

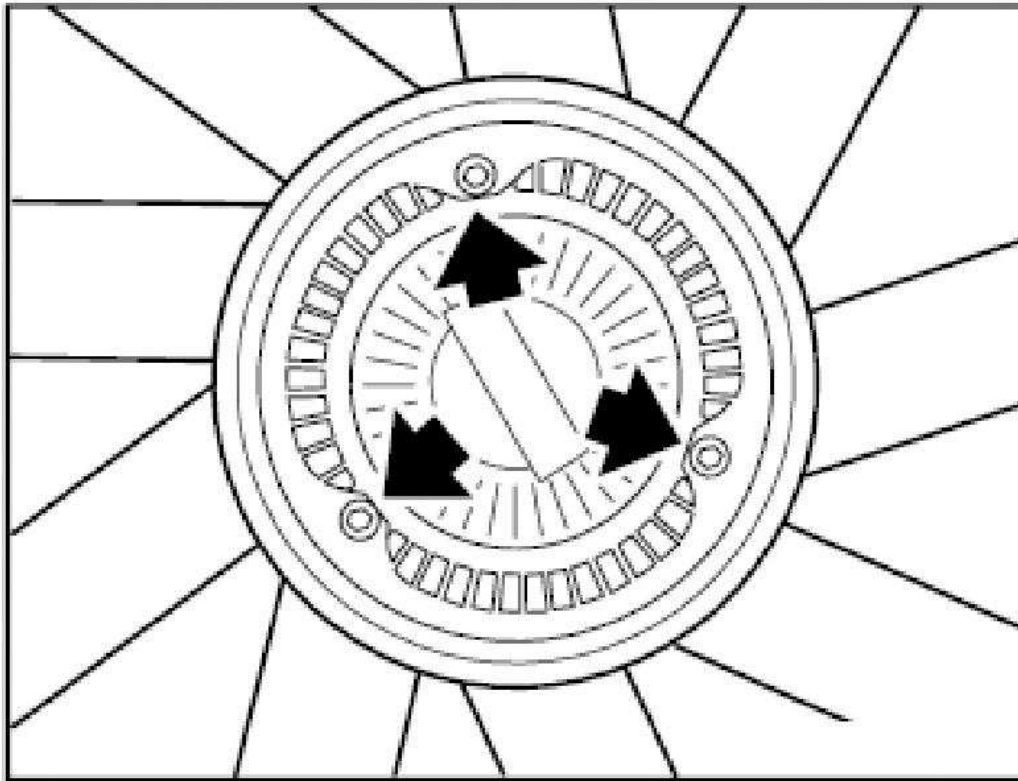
For tightening torque, see 11 52 1AZ in [ENGINE - TIGHTENING TORQUES](#)

**NOTE:** When using special tool 11 5 040, 30 N.m on the torque wrench scale are equivalent to a tightening torque of 40 N.m.



**[Fig. 604: Identifying Special Tool 11 5 040](#)**  
Courtesy of BMW OF NORTH AMERICA, INC.

Unfasten screws and detach fan from fan coupling.



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**Fig. 605: Detaching Fan From Fan Coupling**  
Courtesy of BMW OF NORTH AMERICA, INC