

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) Break-in engine oil is _____. 1) _____
A) Of the same viscosity and grade as that specified for normal engine operation
B) SAE 40
C) SAE 30
D) SAE 20W-50
- 2) How should the vehicle be driven to best break in a newly overhauled engine? 2) _____
A) At a steady low speed
B) At varying speeds and loads
C) At high speeds and loads
D) At idle speed and little or no load
- 3) Technician A says to carefully install all accessories when installing a replacement engine. Technician B says that when installing the transmission and other components on the engine block, be sure to use a box wrench to tighten all fasteners to factory specifications. Which technician is correct? 3) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician
- 4) Technician A says that it is generally easier to install the starter after the engine is put in the chassis. Technician B says that some engines drive all the accessories with one belt. Which technician is correct? 4) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician
- 5) The _____ is part of the transmission case on most automatic transmissions. 5) _____
A) Drive plate
B) Output shaft
C) Bell housing
D) Input gear
- 6) Technician A says that if the engine was removed with the transmission attached, the transmission should be reinstalled on the engine before other accessories are added. Technician B says that he flywheel attaching bolt holes are always evenly spaced so that the flywheel will fit in any way. Which technician is correct? 6) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician

- 7) In which type of vehicle is the engine most likely to be installed from underneath the vehicle? 7) _____
A) Rear wheel drive (RWD)
B) Front wheel drive (FWD)
C) Four wheel drive (4WD)
D) Both A and C
- 8) Two technicians are discussing the installation of a rebuilt engine into a vehicle. Technician A says that the radiator should be flow tested to help ensure that the engine will not overheat. Technician B says that a new thermostat should be installed. Which technician is correct? 8) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician
- 9) Engine vacuum on a normal stock rebuilt engine should be _____. 9) _____
A) 10 to 15 in. Hg.
B) 12 to 16 in. Hg.
C) 17 to 21 in. Hg.
D) 19 to 23 in. Hg.
- 10) "Dressing the engine" means _____. 10) _____
A) Installing all of the exterior engine components
B) Cleaning the engine
C) Changing the oil and filter
D) Both B and C

Answer Key

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1) A

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2) B

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3) A

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4) B

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5) C

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6) A

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7) B

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8) C

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9) C

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10) A

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