

Animation Worksheet: Replace Head Gasket

Name: _____ Date: _____

1. Before starting the removal of a cylinder head, a technician must always refer to the correct _____.
2. To prepare the engine for service, you must first disconnect the _____ and drain both the _____ and engine oil.
3. When removing the head from the block, if it is stuck, you should only tap it lightly with a _____ to avoid damage.
4. Once the head is removed, the old gasket must be inspected for signs of failure, such as _____ or coolant and oil mixing.
5. A _____ and brake cleaner should be used to remove old gasket residue from the block deck and cylinder head.
6. It is critical **NOT** to use _____ that could damage or gouge the precision metal surfaces of the engine deck.
7. To check for warpage, a technician must place a _____ across the block deck and cylinder head.
8. Warpage must be checked in three specific directions: front-to-back, and _____ in both directions.
9. You must clean and "chase" the head bolt holes using a _____ to ensure accurate torque during reassembly.
10. When installing the new gasket, you must ensure that all _____ and _____ passages are properly aligned with the block and head.