

Animation Worksheet: Crankshaft Removal

Name: _____ **Date:** _____

1. For safety, you must always begin by _____ the battery.
2. To prevent spills in the workspace, you should drain both the _____ and _____ before starting removal.
3. Before accessing the crankshaft, you must remove any obstructing components, such as the _____ and the _____.
4. You should use a correct-sized socket or wrench to remove the bolts securing the _____ to the engine block.
5. As you remove each bearing cap, it is critical to _____ them to ensure they are put back in the same position during reassembly.
6. When lifting the bearing caps off the crankshaft, you must be _____ to avoid damaging the caps or the bearings.
7. After the caps are removed, you should gently _____ the crankshaft out of the engine block.
8. If the crankshaft is stuck, you may need to use a crankshaft pulley puller or tap it lightly with a _____.
9. To remove the main bearings from the engine block and caps, you can use a _____, but be careful not to scratch any surfaces.
10. Once the crankshaft is removed, you should carefully check the bearings for signs of _____ or _____.