

Air tool fundamentals

Name: _____

Resource: <http://www.rcitech.ca>

Air tools use _____ to do a number of tasks.

Air can come out of a _____ tool with a lot of force, and that can cause _____ and _____. So before using an air tool, it's important to check all of its connections are secure, and the _____ are in good condition and not leaking.

It must be _____ before it's used. This may be done automatically by an in-line oil mister that puts a mist of oil in the air supply. Or it may need some squirts of light oil into the air inlet fitting.

Air impact wrench



The most common _____ tool in an automotive workshop is the _____. Taking the wheels off a car to replace the tires is a typical application for this air tool. It often needs a lot of _____ to twist the nuts free.

The air impact wrench can be set to spin in either direction, and a _____ controls how much _____ it applies. It should never be used for the final tightening of the _____. There's a real danger of _____ them too much. That could cause the bolts to _____ and the wheel to _____ off the vehicle while it's moving. Another rule with the air impact wrench is to use only specially _____, extensions and joints.



The above _____ are special _____ types, and these flats can stand the sudden _____ that the air impact wrench provides.