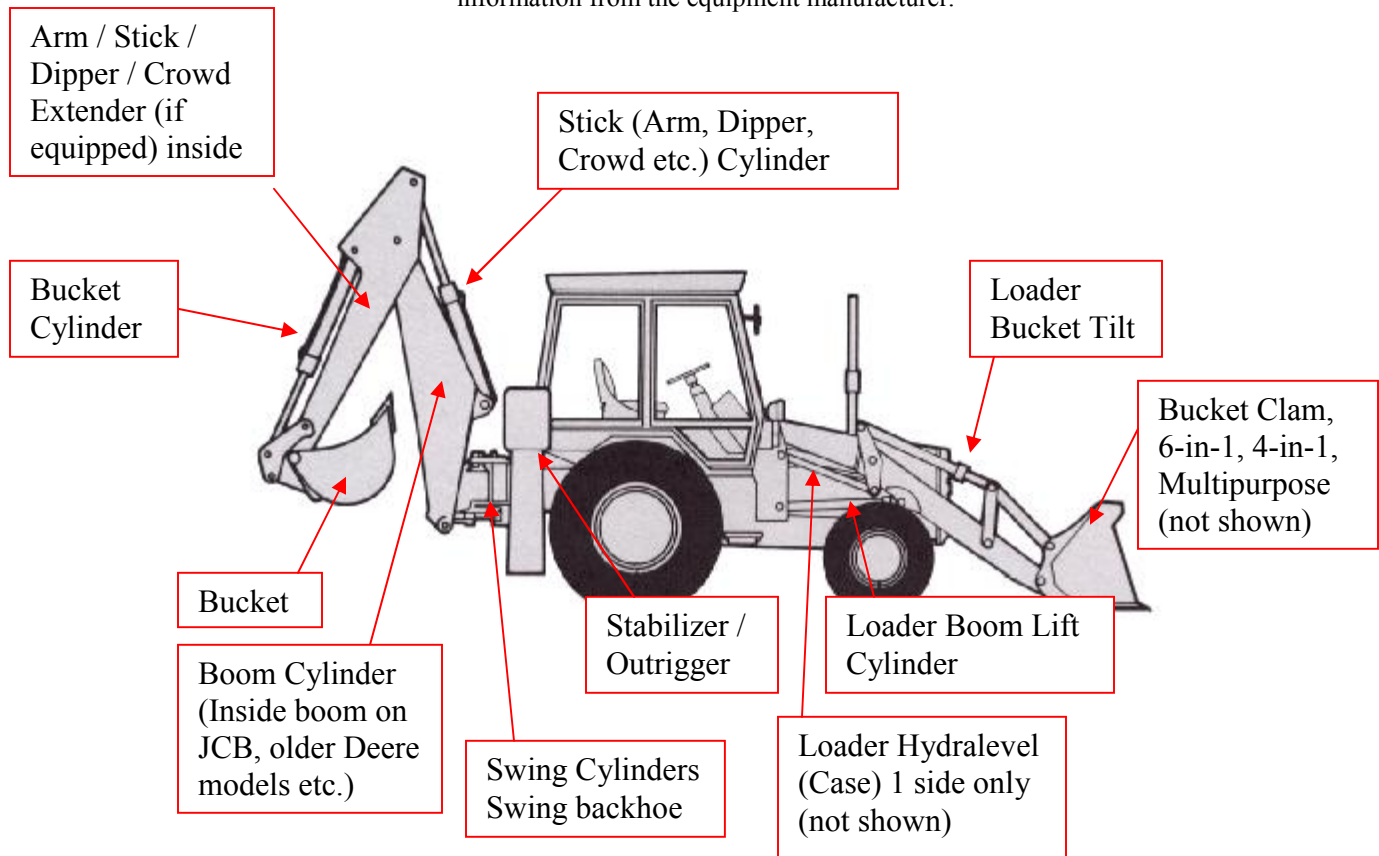




Fox Prints Backhoe Terms

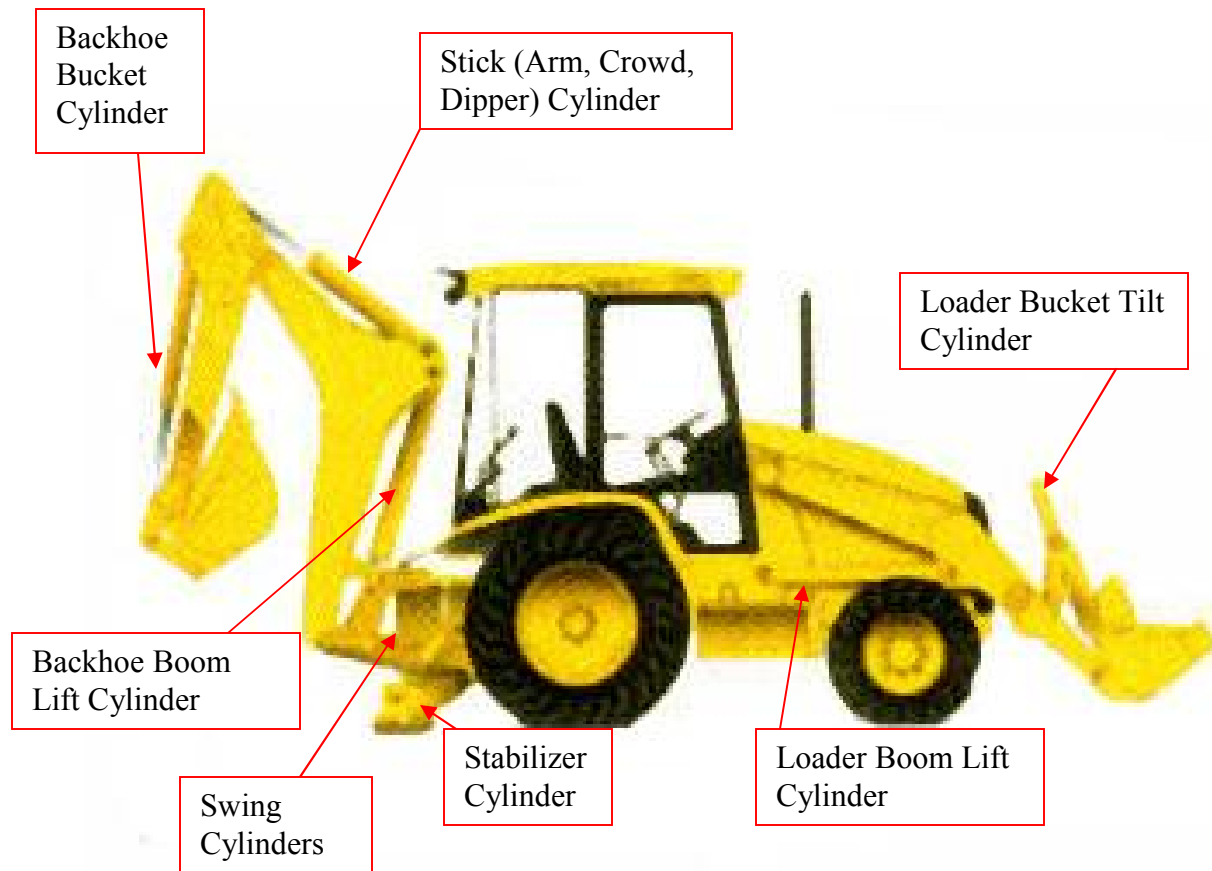
This information is provided to aid in part selection; this does not replace equipment manufacturer's instructions. Always read, understand and follow manufacturer's instructions for disassembly, repair, reassembly & operation. We do not provide instructions with our seal kits, you must obtain service information from the equipment manufacturer.



Cylinders are named for the part of the machine they move i.e. backhoe bucket &/or the type of movement they cause i.e. backhoe swing or boom lift etc. The front loader bucket is sometimes also called the shovel (JCB). The Hydra-leveling cylinder is not the cylinder that lifts the loader boom, it is used to automatically keep the loader bucket level when lifting & lowering (older Case).

Some older Case & Caterpillar machines used 2 boom cylinders, newer machines except JCB & Case now generally use an excavator style arched boom with the boom lift cylinder on the outside, see next page for an example. JCB still uses the style in the example above, Case still uses a straight boom but with cylinders attached like in the arched boom example on the next page.

Newer style with arched backhoe boom & single loader bucket tilt cylinder also similar boom cylinder attachment locations to older Ford / NH with a slightly arched boom & new style Case which have a straight boom but cylinders located on top of the boom.



Older style Case & Caterpillar backhoe/loaders with straight backhoe boom. Cat 416/426 prior to B models, Case 480's, 580's prior to K models, 680's & 780's

