

GUIDE TO FILLING A HYDRAULIC SYSTEM

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This guide will show you how to easily and successfully fill your Easy Engineering™ Hydraulic System.



1) DESIGN YOUR HYDRAULIC DEVICE

What size and how many hydraulic cylinders will you need?

What is the approximate length of tubing you will need to run to the cylinders?

2) Assemble Your Hydraulic Cylinders

Attach the syringe clips, mounts, and control panel (if you are using it) to the syringes.

Don't attach the mount for the small syringe yet.



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4) CUT THE TUBING TO LENGTH

Cut the approximate lengths of tubing to run between your cylinders (syringes).

5) PUT THE TUBING AND CYLINDERS INTO A TUB OF WATER



6) PURGE THE AIR FROM THE CYLINDERS



Push and pull the plungers to purge all air from the cylinders

PERFORM THIS PROCESS UNDER WATER.







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It's time to build the hydraulic system into your project!