Practice Exercise – Slide Lock Housing

Section 3 – Basic Part Design, Suggested Outline: Beginner to Certification
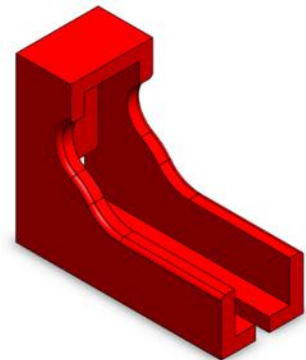
Summary:

In this exercise, you'll start with a portion of a part design and mirror the design and add some fillets to create the final geometry. Then you'll use the rollback bar and reorder some features to make instant adjustments to the final geometry.
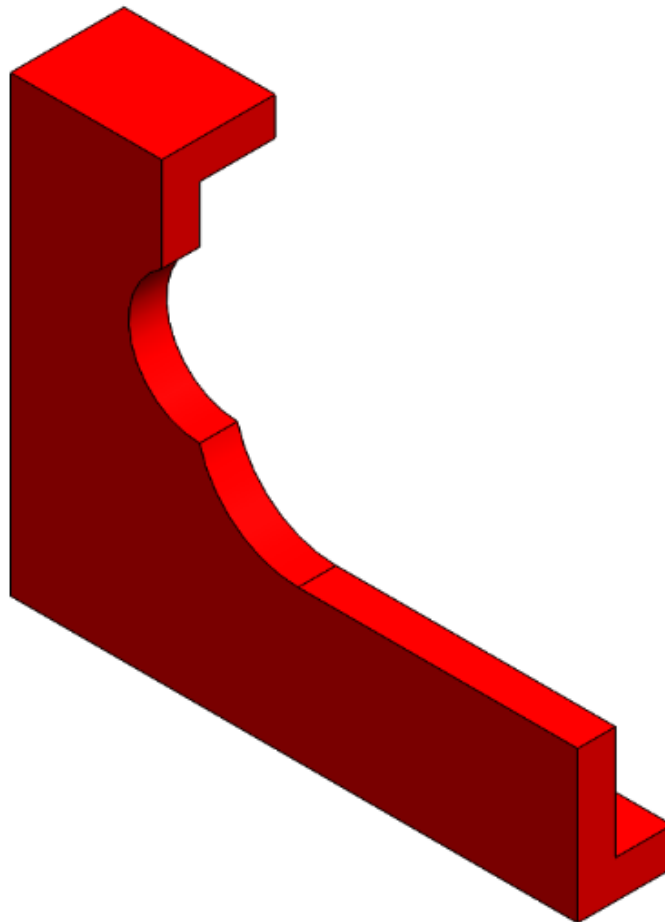
Reference Lessons:

- Mirror Feature
- Fillets
- Rollback Bar and Order of Features

Instructions:

1. Download and unzip the part file here.
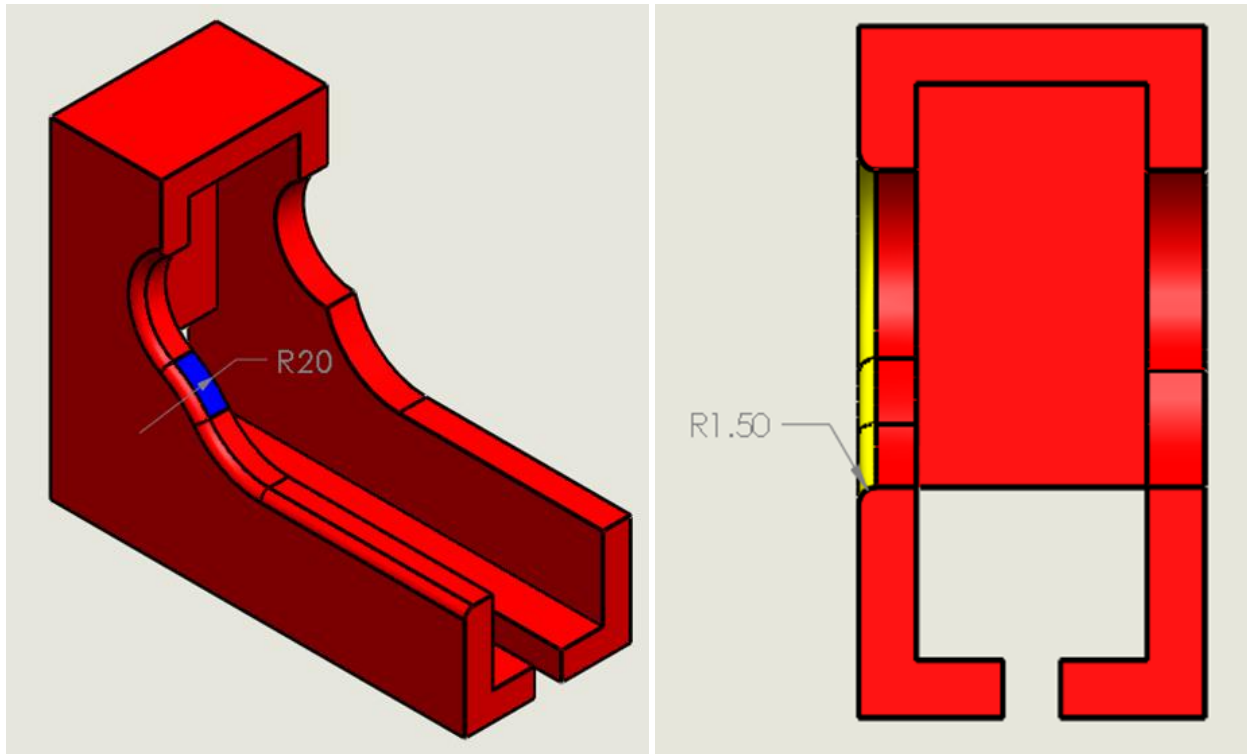2. Open the SOLIDWORKS part file "Slide Lock Housing.sldprt".

3. Create the geometry as shown in the images below:

4. Without adding any new features, reorder the features in the FeatureManager Design Tree to achieve the geometry in the images shown below: