

## CHAPTER 11 EXERCISES

### 1. *Zoom, Pan*

*Open* the **R300-20.DWG** drawing file supplied with AutoCAD 2000. It is normally located in the **C:/Program Files/Acad2000/Sample** folder. Activate the *Model* tab. Next, use *Zoom Extents* to display the model completely on your screen. Next use *Zoom Window* and select an area around the completed assembly (located in the lower-left corner of the drawing). Next, *Zoom* with the *All* option, then *Zoom* in to the same area as before using realtime *Zoom* and *Pan* (if you have a wheel mouse, use the wheel to accomplish this). Do not exit or save the drawing.

### 2. *View*

In this exercise, you will save the view that you generated in Exercise 1. Use the *View* command to produce the *Views* dialog box. Select the *Named Views* tab, then the *New* button. Enter **ASSEMBLY** as the new name and select *OK*.

Next, *Zoom, All*. Then *Zoom* into the spring (yellow) located near the center of the exploded view assembly. Save this view using the same method as before and assign the name **SPRING**.

*Zoom, All* once more. Using the *View* dialog box, restore the **ASSEMBLY** view and the **SPRING** view to ensure they are properly saved. Do not exit or save the drawing.

### 3. *Viewres, Syswindows*

With the R300-20 drawing open, also *Open* the **SINGLE CAVITY MOLD** drawing located in the Sample folder. Activate the *Model* tab. Notice that four views have been created in this one drawing. *Zoom* in to the drawing on the left. *Zoom* in further to display the text (red) in the upper-left corner of the drawing that says "VENT TYP AS SHOWN .002...." *Pan* slightly to display the fastener above the text (black and blue). Does it appear as three polygons (hexagons or octagons) in continuous lines? Type in **VIEWRES** and change the value to **2000** to display the fastener as three circles with both continuous and hidden lines. Finally, use the *Syswindows* command (or *Window* pull-down menu) with the *Tile Vertically* option to display both drawings on the screen simultaneously. Finally, *Close* the **R300-20** drawing but do not save changes.

### 4. *Vports*

With the **SINGLE CAVITY MOLD** drawing still open, maximize the drawing window within the AutoCAD drawing area. Make sure the *Model* tab is active. Next, *Zoom All*. Use the *Vports* command to produce the *Viewports* dialog box. Select **Four: Equal** viewports. Double-click in the upper-left viewport and use *Zoom Window* to zoom in to and display only the drawing on the far left. Use *Zoom Window* in the other three viewports to display the other three drawings, each in a different viewport. When finished, *Close*, but do not save the drawing.