CLAIMS

What is claimed is:

1. A system for providing protection to one or more wellbore components, the system comprising:

a housing section positioned within a wellhead area, the housing section comprising a removable wellhead bushing arranged over at least one engagement feature of the housing section;

a Christmas tree including a treehead area, the treehead area comprising a removable treehead bushing arranged over at least one engagement feature of the treehead area; and

a tubular extending through both the wellhead bushing and the treehead bushing, wherein the tubular includes an installation and removal tool adapted to remove at least one of the wellhead bushing and the treehead bushing during wellbore operations.

2. The system of claim 1, further comprising:

a wellhead wear bushing installed within the wellhead area, the wellhead wear bushing positioned to protect at least a portion of the housing section.

3. The system of claim 1, further comprising:

a protrusion formed in at least one of the wellhead bushing and the treehead bushing, the protrusion mating with a groove formed in at least one of the wellhead area and the treehead area to secure the at least one of the wellhead bushing and the treehead bushing into position.

4. The system of claim 1, further comprising:

a shoulder arranged in the wellhead area, the shoulder positioned to receive the wellhead bushing and block axial movement of the wellhead bushing in at least one direction.

5. The system of claim 1, wherein an inner diameter of the treehead bushing is greater than an outer diameter of the wellhead bushing such that the wellhead bushing may pass through the inner diameter of the treehead bushing.

6. The system of claim 1, further comprising:

a second installation and removal tool arranged on the tubular, wherein the installation and removal tool and the second installation and removal tool are configured to engage a respective treehead bushing or wellhead bushing and remove the respective treehead bushing and wellhead bushing from the wellbore at substantially the same time.

7. The system of claim 1, further comprising:

a wellhead wear bushing positioned within the wellhead area, wherein the wellhead wear bushing is installed through an inner diameter of the treehead bushing.

8. The system of claim 1, wherein the tubular is a drill string comprising a drill bit.

9. A method of installing protection component within a wellbore, the method comprising:

positioning a treehead bushing within a treehead area of a Christmas tree, the treehead bushing extending along a length of the treehead area to cover at least a portion of a surface of the treehead area;

positioning a wellhead bushing within a wellhead area of a wellbore, the Christmas tree being fluidly coupled to the wellbore, and the wellhead bushing extending along a length of the wellhead area to cover at least one surface of the wellhead area;

moving a tubular through the treehead bushing, the tubular comprising an installation and removal tool;

coupling the installation and removal tool to the wellhead bushing ; and

removing the wellhead bushing from the wellbore by passing the wellhead bushing through an inner diameter of the treehead bushing .

10. The method of claim 9, further comprising:

installing a downhole component within the wellbore after the wellhead bushing is removed from the wellbore , the downhole component being arranged within the wellhead area; and

installing a wellhead wear bushing uphole of the downhole component, the wellhead wear bushing being installed through the inner diameter of the treehead bushing and positioned to cover at least a portion of the wellhead area and a portion of the downhole component .

11. The method of claim 10, further comprising:

coupling a second installation and removal tool to the tubular;

arranging the installation and removal tool proximate the wellhead wear bushing;

arranging the second installation and removal tool proximate the treehead bushing;

engaging both the wellhead wear bushing and treehead bushing while maintaining an axial position of the tubular; and

removing both the treehead bushing and wellhead wear bushing from the wellbore .

12. The method of claim 10, further comprising:

coupling a second installation and removal tool to the tubular ;

arranging the installation and removal tool proximate the wellhead wear bushing;

engaging the wellhead wear bushing via the installation and removal tool;

arranging the second installation and removal tool proximate the treehead bushing;

engaging the treehead bushing via the second installation and removal tool ; and

removing both the treehead bushing and wellhead wear bushing from the wellbore .

13. The method of claim 9, further comprising:

coupling a second installation and removal tool to the tubular ;

arranging the installation and removal tool proximate the wellhead bushing ;

arranging the second installation and removal tool proximate the treehead bushing;

engaging both the wellhead bushing and treehead bushing while maintaining an axial position of the tubular ; and

removing both the treehead bushing and wellhead bushing from the wellbore.

14. The method of claim 9, further comprising:

coupling a second installation and removal tool to the tubular ;

arranging the installation and removal tool proximate the wellhead bushing ;

engaging the wellhead bushing via the installation and removal tool ;

arranging the second installation and removal tool proximate the treehead bushing;

engaging the treehead bushing via the second installation and removal tool ; and

removing both the treehead bushing and wellhead bushing from the wellbore.

15. The method of claim 9, further comprising:

coupling a drill bit to the tubular ;

installing the drill bit into the wellbore , the drill bit passing through both the treehead bushing and the wellhead bushing ; and

performing drilling operations within the wellbore .

16. A method of installing protection component within a wellbore, the method comprising:

installing a treehead bushing and a wellhead bushing in a wellbore system , the treehead bushing arranged in a treehead area and the wellhead bushing arranged in a wellhead area ;

positioning an installation and removal tool proximate at least one of the treehead bushing and the wellhead bushing , the installation and removal tool being part of a tubular that extends into a wellbore ;

coupling the installation and removal tool to the wellhead bushing ;

removing the wellhead bushing from the wellbore via the installation and removal tool through an inner diameter of the treehead bushing while the treehead bushing remains in the treehead area;

installing a downhole component through the inner diameter of the treehead bushing; and

installing a wellhead wear bushing proximate the downhole component, the wellhead wear bushing covering at least a portion of a housing and at least a portion of the downhole component.

17. The method of claim 16, further comprising:

positioning the installation and removal tool proximate the treehead bushing; and

removing the treehead bushing from the treehead area while the wellhead wear bushing is in the wellbore.

18. The method of claim 16, further comprising:

installing a tubular through both the treehead bushing and the wellhead bushing, wherein the tubular comprises a drill string with a drill bit.

19. The method of claim 16, further comprising:

removing both the treehead bushing and the wellhead bushing from the wellbore simultaneously, wherein removing comprises changing an axial position of the treehead bushing and the wellhead bushing.