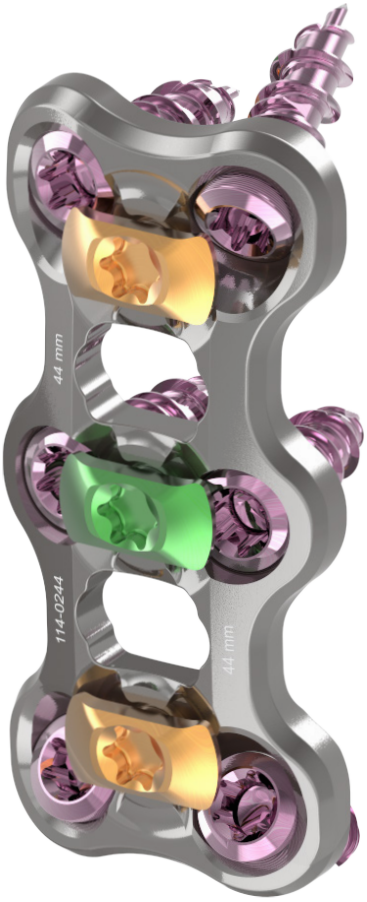
AltusSpine

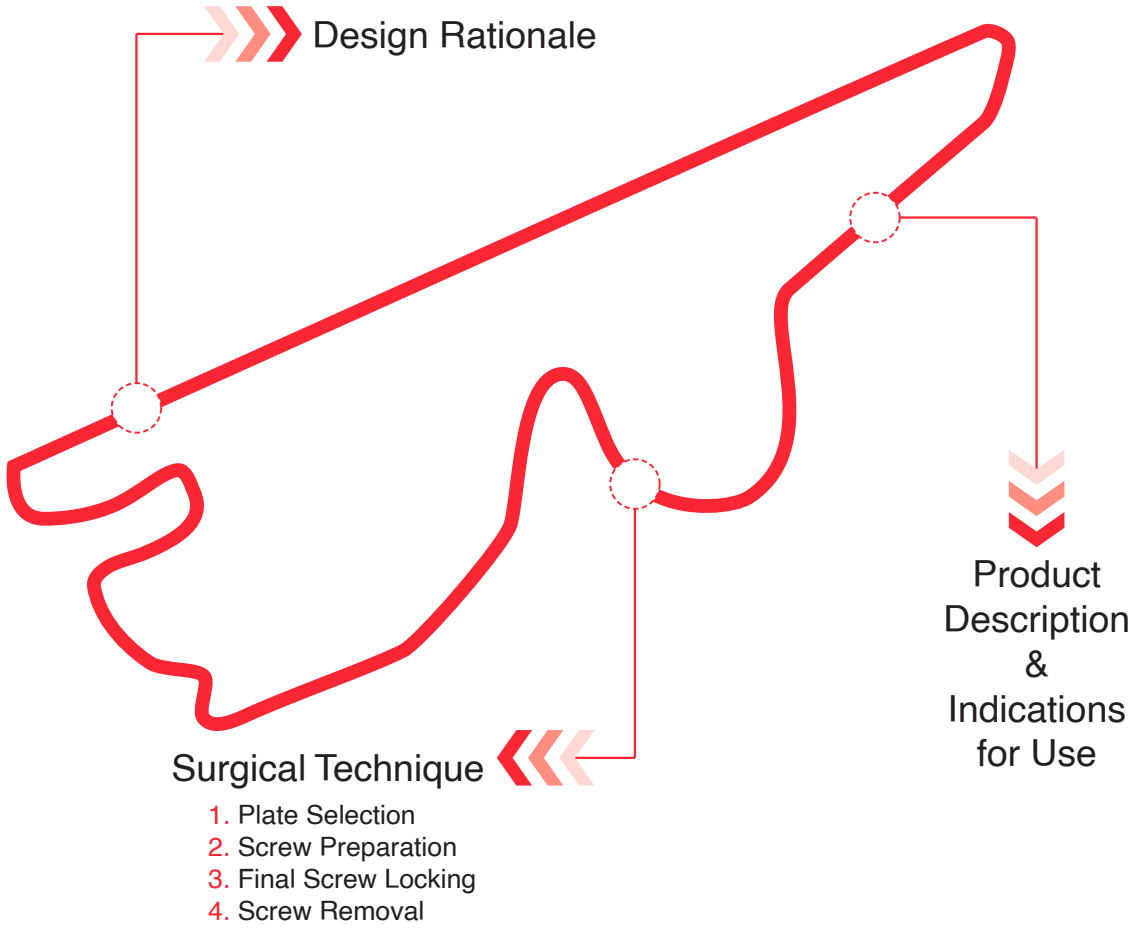


Fuji Cervical Plate Surgical Technique

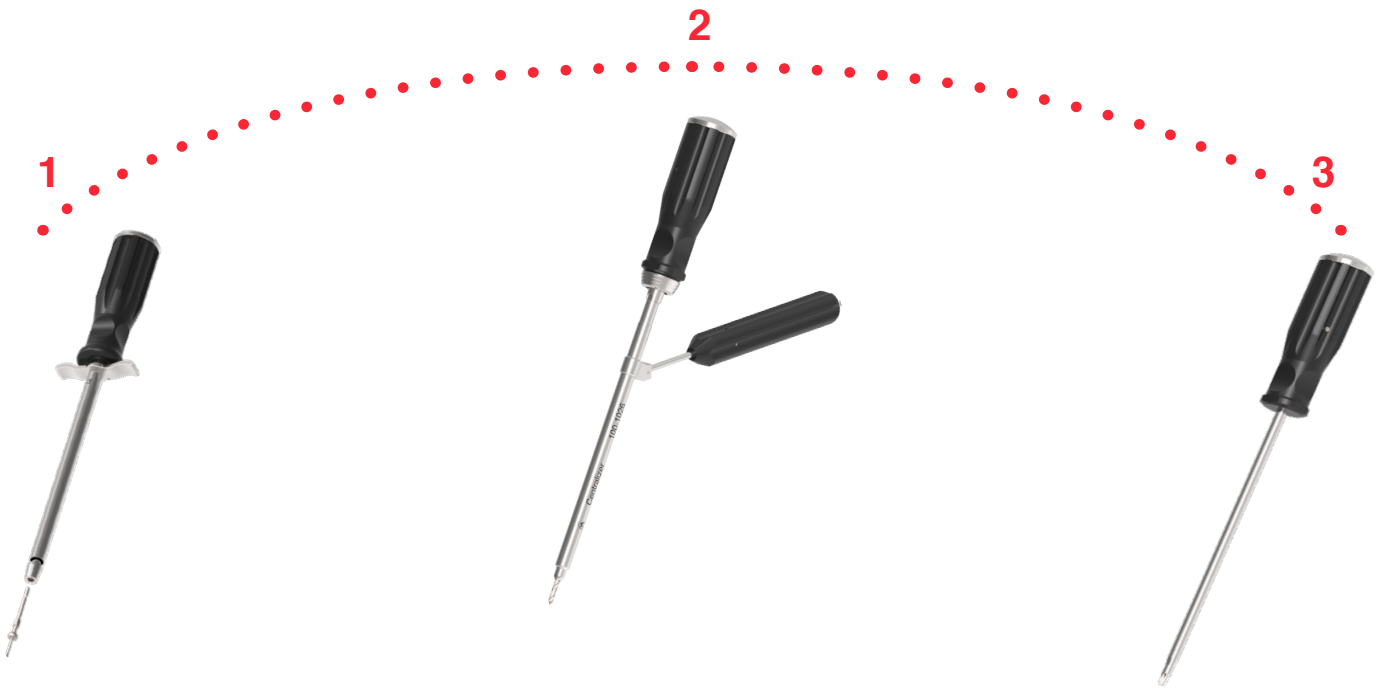


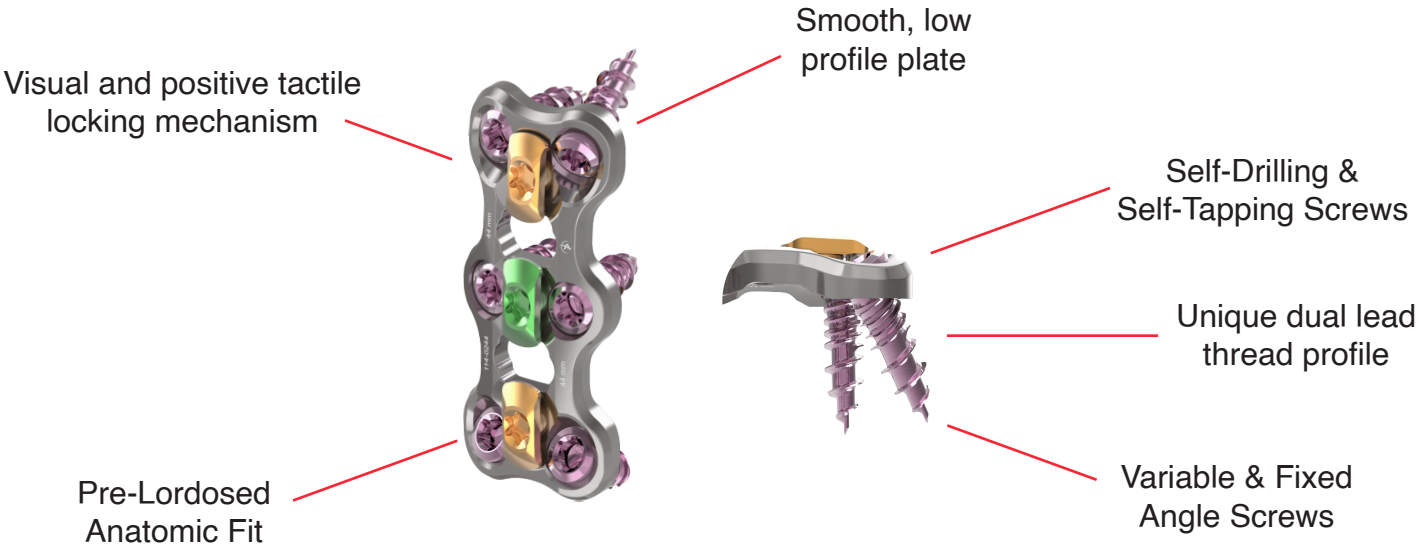
FUJI CIRCUIT

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DESIGN RATIONALE

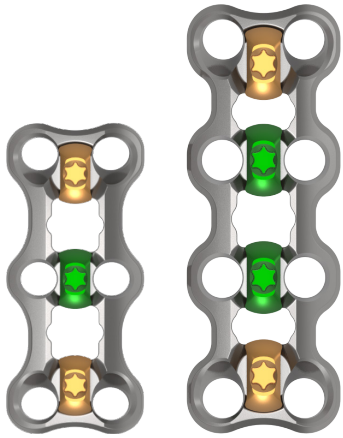




PRODUCT DESCRIPTION

The Altus Spine Fuji Cervical Plate System is designed for anterior fixation of the cervical spine. The fixation construct consists of a cervical plate that is attached to the vertebral body of the cervical spine with bone screws. The plates are available in a variety of lengths addressing multiple leves of fixation (one to four).

The Altus Spine Fuji Cervical System includes grafts windows on the longitudinal center line for intraoperative visualization and for screw fixation of bone graft. Fixed and variable bone screws are available in two diameters and a variety of lengths, with the options of either self-tapping or self-drilling threads.





INDICATIONS FOR USE

The Altus Spine Fuji Cervical Plate System is intended for anterior interbody fixation of the cervical spine. The system is indicated for use in temporary stabilization of the anterior spine during the development of the cervical spine fusions in patients with degenerative disc disease (as defined by neck pain of the discogenic origin with degeneration of the disc confirmed by patient history and radiographic studies); trauma (including fractures), tumors, deformity (defined as kyphosis, lordosis, or scoliosis), pseudarthrosis, and/or failed previous fusions. The Altus Spine Fuji Cervical Plate System can be implanted in the sub-axial cervical spine from the C3 through C7 levels.

Please refer to product insert (PI-012) for complete system description, warnings, and precautions

1. PLATE SELECTION



SIZE THE PLATE

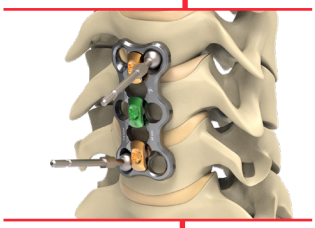
Ensure the cephalad and caudad screw holes cover the intended vertebrae

Seat the plate flush to the anterior surface of the cervical vertebrae; remove osteophytes and flaws as necessary

To load Fixation Pin into Utility Driver, pull back the “T” handle and insert the Fixation Pin, and then release the handle to lock it in place



Insert the trocar tip of the Fixation Pin into the screw holes of the plate in desired locations

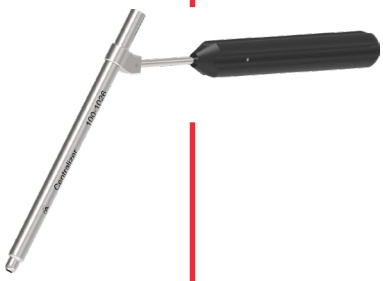


2. SCREW HOLE PREPARATION

CENTRALIZER

The Variable Angle Centralizer (black handle) is a variable angle guide used for screw hole preparation for Variable Angle Screws

The Rigid Centralizer (gray handle) is a fixed angle guide used for screw hole preparation of Fixed Angle Screws to ensure that the preparation trajectory is 10° (gold), 0° (green) cephalad/caudad and 7° medial



Double Barrel Drill Guides are also offered in 28° with black handle and 10° with gray handle, both at the medial 7° angle

Screw Holes can be prepared by using the Trocar Awl or Twist Drill in conjunction with any of the centralizers



Note: The following technique is applicable for both the Self-Tapping and Self-Drilling Screws

2. SCREW HOLE PREPARATION (CONT.)

HOLE PREPARATION

Choose from the Awl or Twist Drill for hole preparation

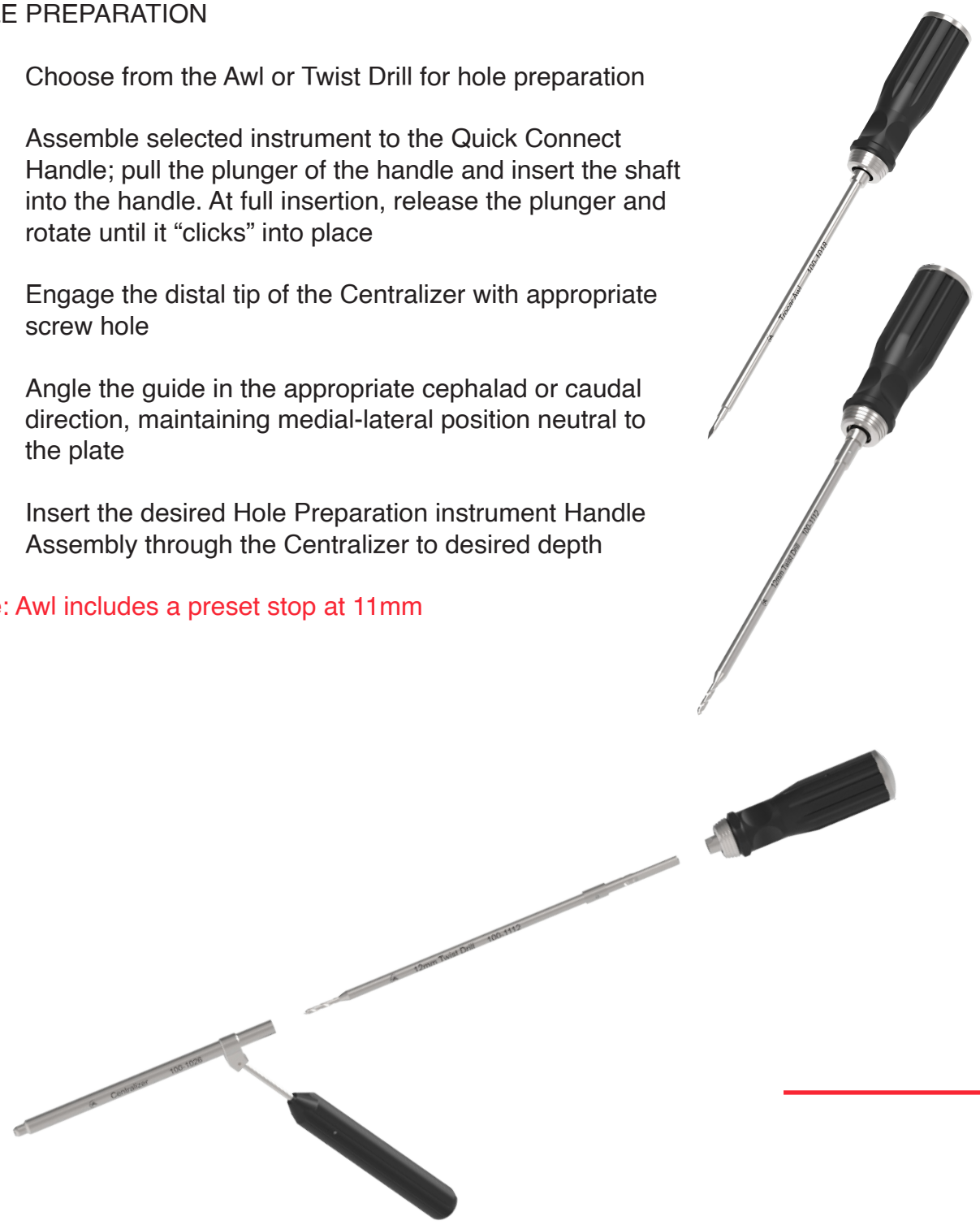
Assemble selected instrument to the Quick Connect Handle; pull the plunger of the handle and insert the shaft into the handle. At full insertion, release the plunger and rotate until it “clicks” into place

Engage the distal tip of the Centralizer with appropriate screw hole

Angle the guide in the appropriate cephalad or caudal direction, maintaining medial-lateral position neutral to the plate

Insert the desired Hole Preparation instrument Handle Assembly through the Centralizer to desired depth

Note: Awl includes a preset stop at 11mm



3. FINAL SCREW LOCKING

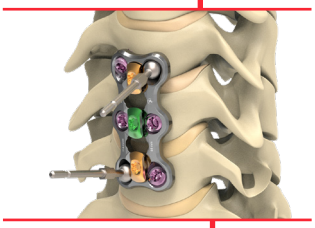
INSERT SCREWS

Assemble the Dual Ended Screw Driver Shaft with the Quick Connect Handle, or use the standard Screw Driver



Load screw by pressing the T15 driver tip into the head of selected screw; lightly tap the top of the Screw Driver to fully engage the screw head

Insert the screw; repeat steps for each screw



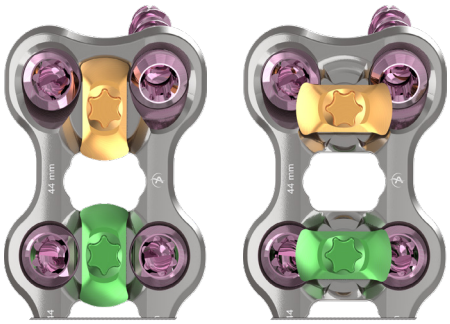
Note: Remove Fixation Pins using Utility Driver as screws are placed

FINAL LOCKING

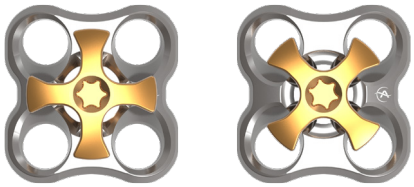
Confirm plate placement and screw purchase

Achieve final locking by engaging the T15 driver in the quarter-turn blocker screw and rotate clockwise until it is covering the screws

Repeat final locking steps for each blocker



Unlocked Locked



Note: 18mm and 20mm 1-Level Plates have a 1/8 turn quad-blocker as shown

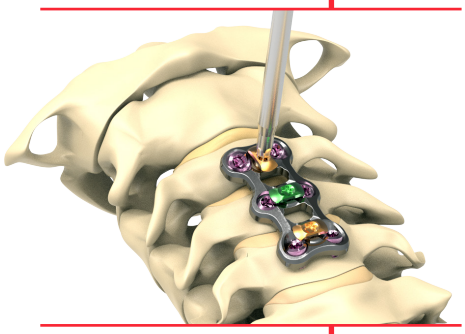
4. SCREW REMOVAL

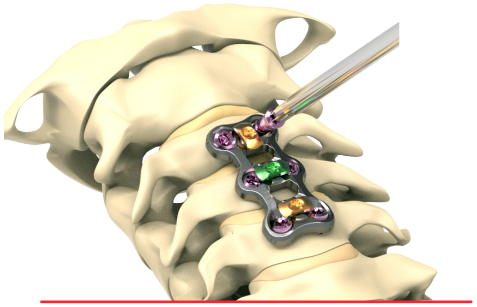
REMOVE SCREWS WITH SCREW DRIVER

Insert the T15 screw driver in the blocker to be unlocked. Turn blocker counterclockwise until screws are uncovered

Repeat for each blocker screw

Engage the T15 screw driver into the screw head, turn counterclockwise and remove from screw





Contact Us to Order Product
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