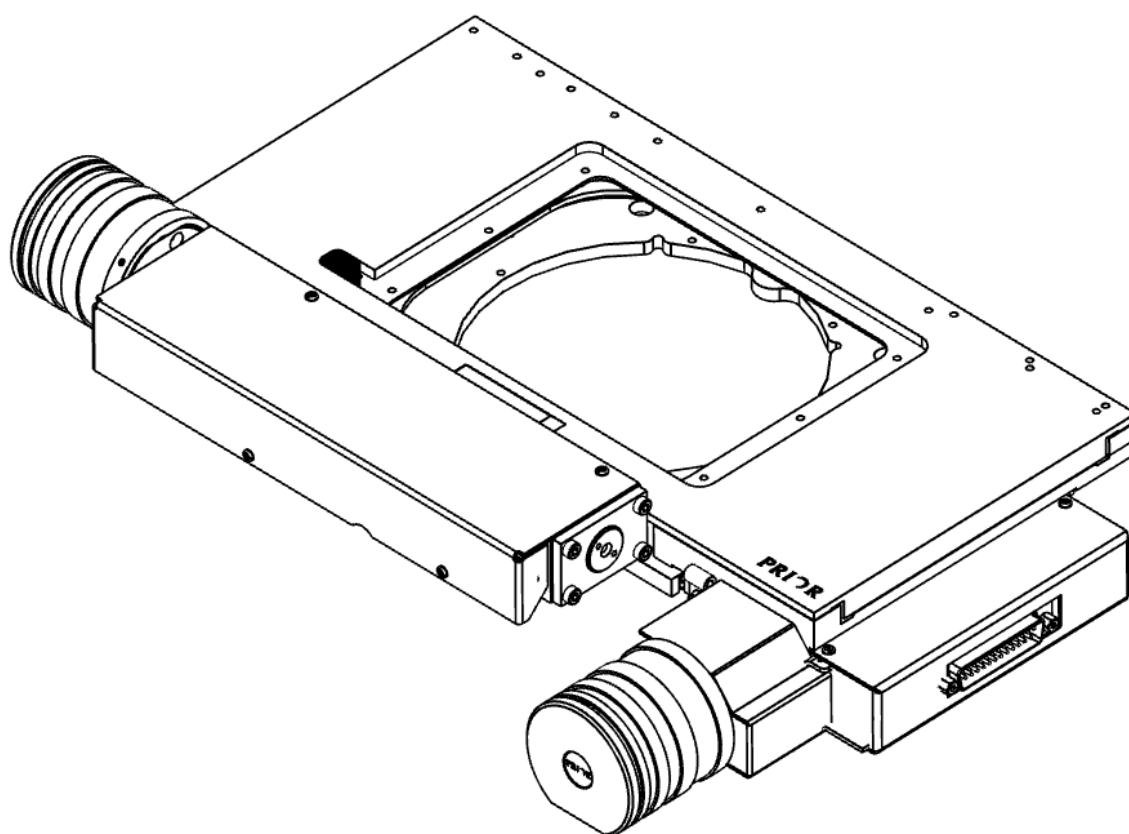


Stage Installation Master Manual



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Important Installation Guidance



When performing the following installations, do not unscrew or loosen any screws or bolts not mentioned.

Doing so will compromise the specification of your stage and while it may continue to operate, it will not maintain the advertised accuracy or precision.



Remove any objectives and condensers to avoid any damage and lower the focus block using the coarse focus knob.

Remove any manual stage attached to the microscope before installing the Prior stage. Ensure that you hold onto the manual stage as it may slip off the microscope frame when loosening the screw.

Unpack the stage from the box and ensure you place the stage in a wide space.



Ensure any transit bolts/brackets are removed before attempting to move a Prior Stage.

Please read this page before proceeding with installation

ES107IX2 Installation onto Evident IX81

Required Installation Accessories

Part Number	Name	Quantity	Purpose
T96	M5x15mm Screw Cap Head	6	Spacer Screw
T74	M4x16mm Screw Cap Head	4	Stage Screw
H2214	Front mounting plate	1	Spacer
H2213	Rear Mounting plate	1	Spacer

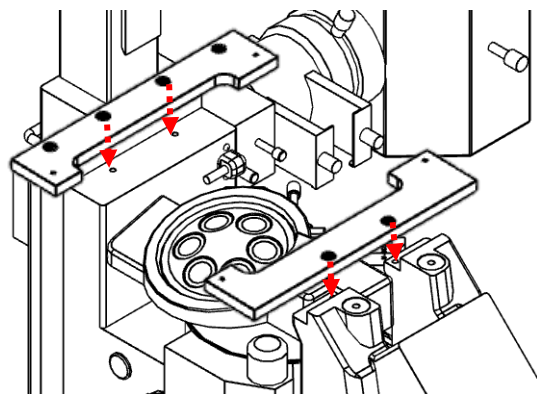
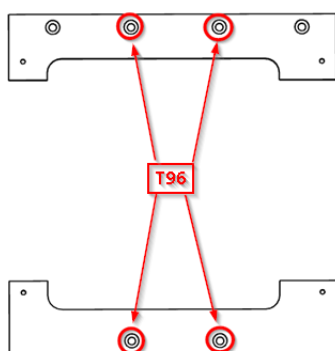


This stage will be set up in reverse, with the PRIOR engraved logo facing away from the front of the microscope.

Two spacers are included with the stage, a front spacer with two large holes and a rear spacer with four holes.

They should be installed with the protruding ends points “inwards” and the counterboring facing up.

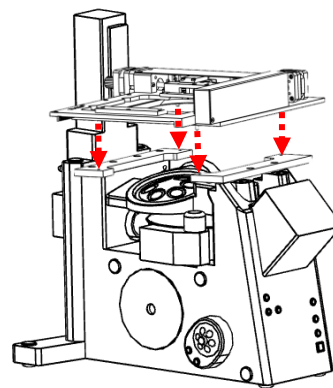
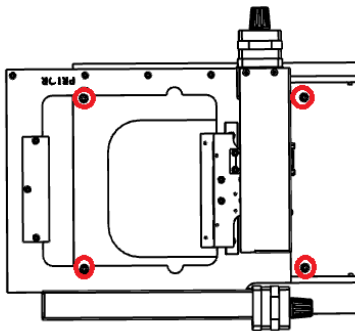
Secure the spacers to the microscope with the included T96 screws, two in each spacer.



ES107IX2 Installation onto Evident IX81

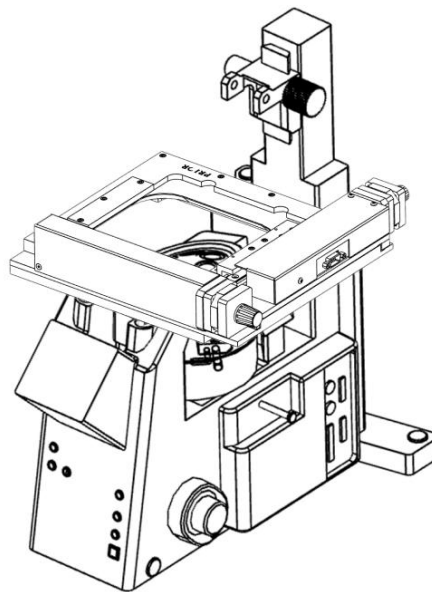
The X-axis of the stage must be moved to the 'right' to expose the four mounting holes.

Ensure that the screw holes are in line with the smaller screw holes on the front and rear spacer, and then gently place the stage onto the microscope, being careful to always support it.



Insert each T74 screw and screw it in fully with an Allen Key, a second person may be required to prevent the stage from moving while it is tightened. Tighten all four screws until they are secure.

The installation is complete. The equipment will look like the below image when in the correct position.



Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES107LIR Installation onto Leica DMIR

Required Installation Accessories

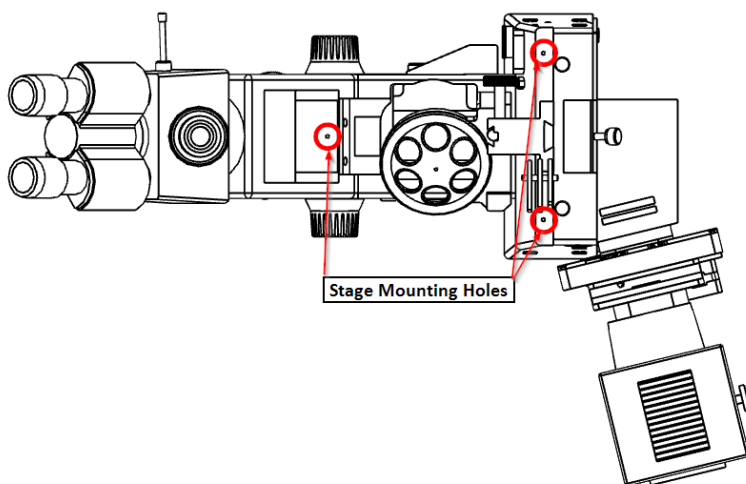
Part Number	Name	Quantity	Purpose
T159	M4x10mm Cap Head Screw	3	Stage Screw



This stage will be set up in reverse, with the PRIOR engraved logo facing away from the front of the microscope.

The microscope has three screw holes, two at the rear and one at the front.

These must be aligned with the holes in the stage.

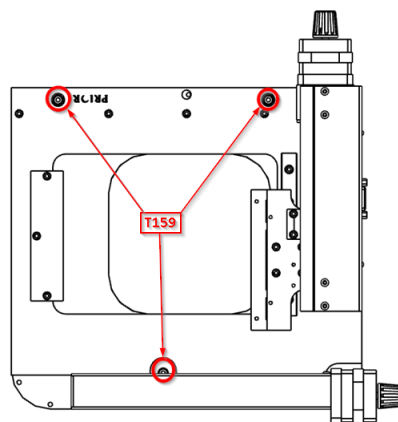


The holes in the stage are in the image to the right. Gently place the stage on top of the microscope, lining up the holes correctly.

It may be necessary for a second person to keep the stage steady and stable.

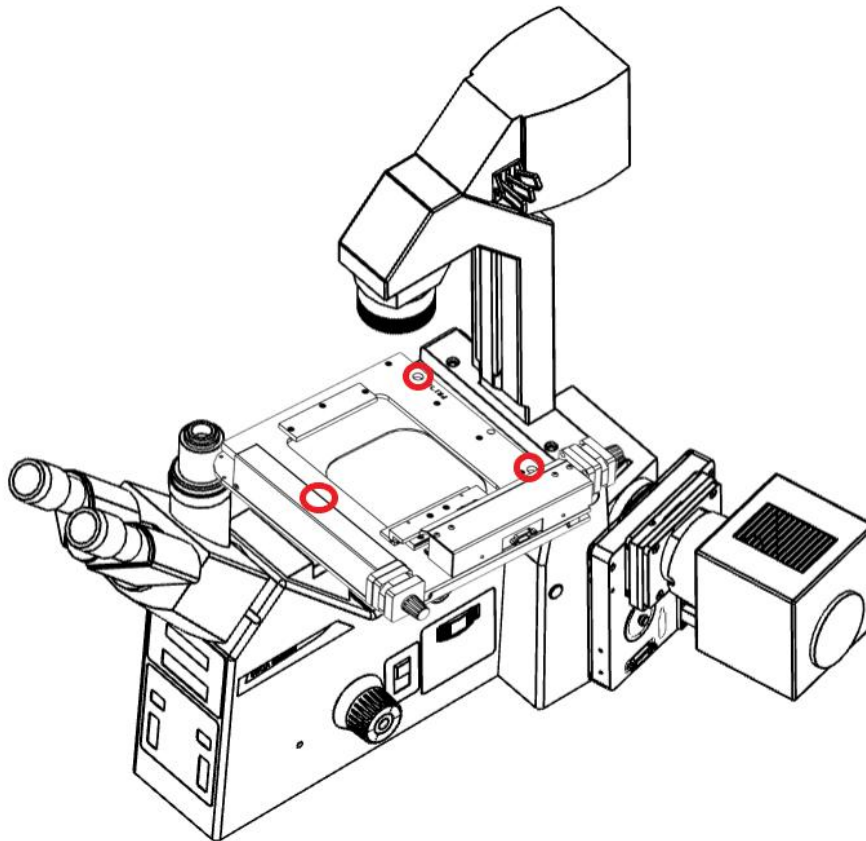
The stage must be attached to the microscope by screwing in the supplied T159 screws.

Screw each bolt in fully to secure the stage in place before moving to the next screw.



ES107LIR Installation onto Leica DMIR

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES107NTE Installation onto Nikon TE2000/TE200/TE300

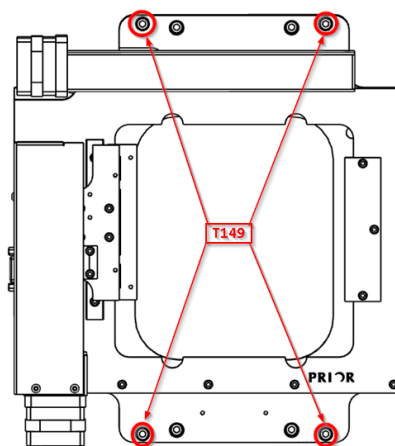
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T106	M5x10mm Screw Cap Head	4	Stage Screw
H2311	Front Spacer (TE2000)	2	Spacer
T149	M5x12mm Screw Cap Head	4	Spacer Screw

Attach the H2311 spacers on the stage using T149 screws as shown in the image to the right.

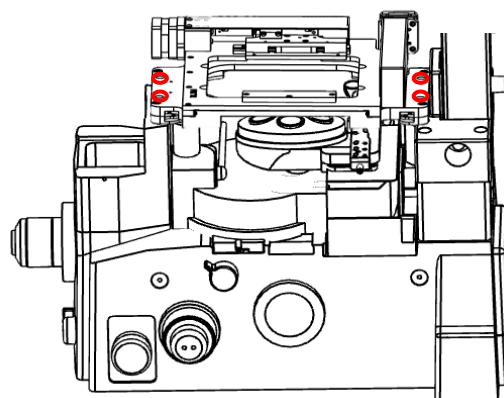
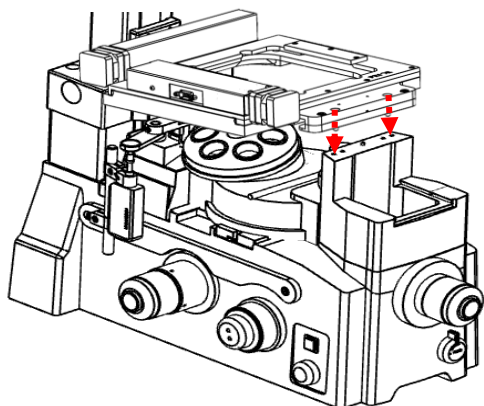
Gently place the stage onto the microscope, being careful to always support it.

Ensure the screw holes are in line with the screw holes at the front and back of the microscope.



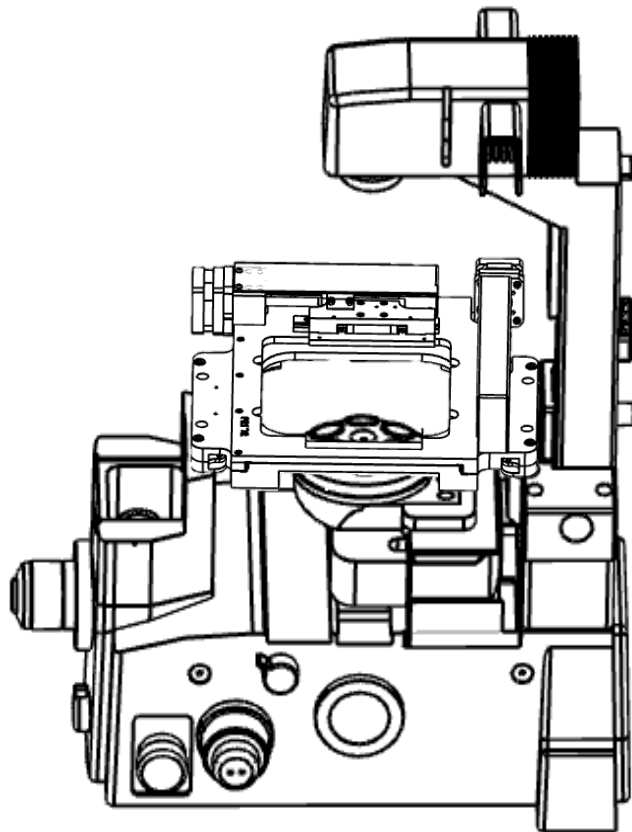
Screw 4x T106 (M5 x 10mm) in the four holes circled below with a 3mm Allen Key.

When all four screws are slightly screwed in, tighten them until they are secure.



ES107NTE Installation onto Nikon TE2000/TE200/TE300

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

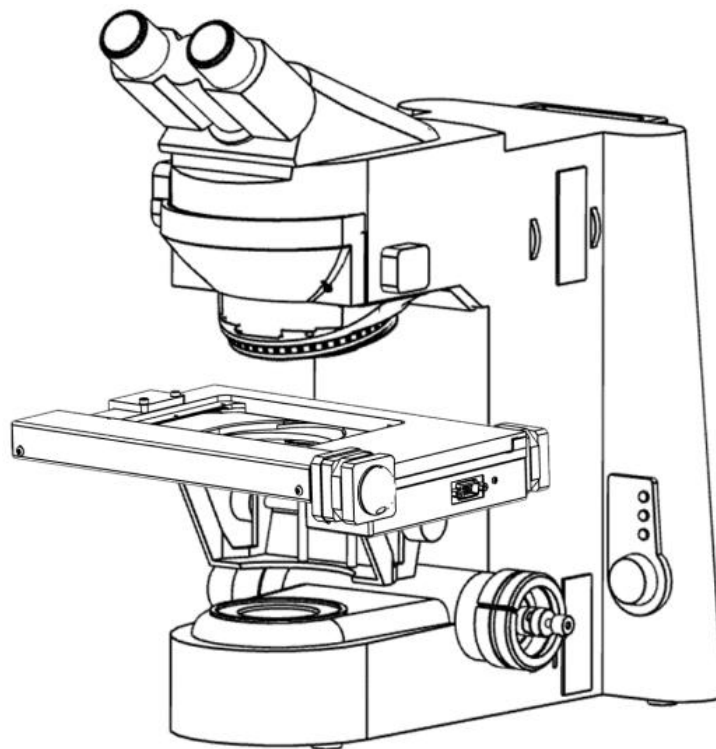
Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES11AXA1 Installation onto Zeiss Axioimager

Place the stage into the microscope so that the holes on the stage line up with the upward protruding screws on the microscope

When the stage is seated, twist the upward protruding screws on the microscope gently until you feel the screw enter the hole securely, and then tighten the screws until the stage is secure.

The system will look like the image below when the stage is in correct position.

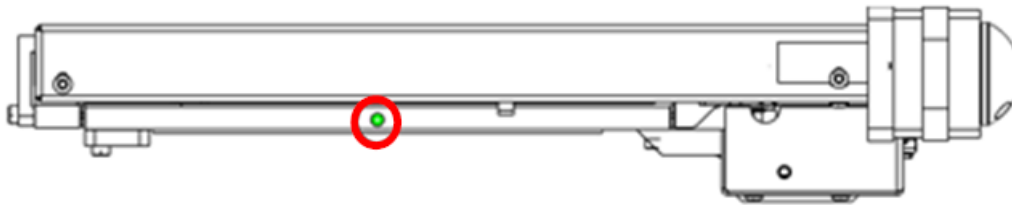


When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES11BX Installation onto Evident BX

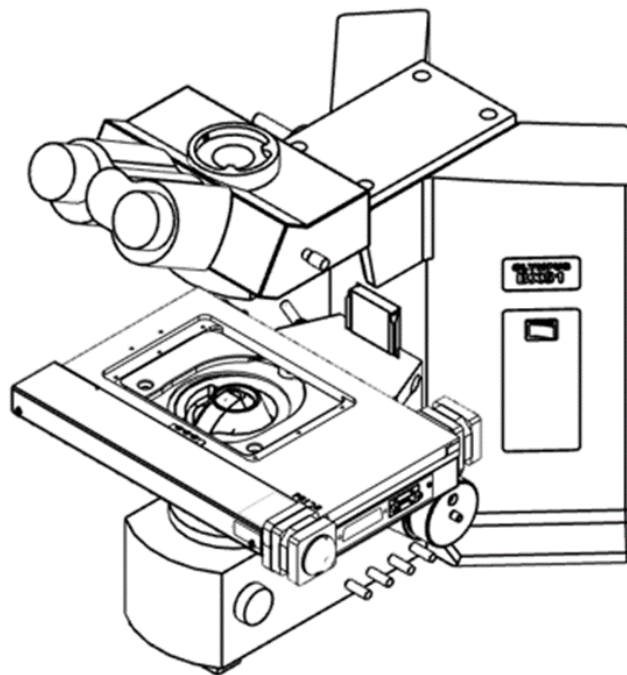
Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the BX dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure.

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

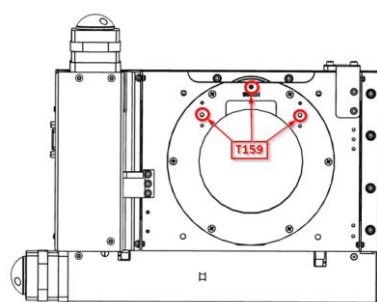
ES11DMLS Installation onto Leica DM6000

Required Installation Accessories

Part Number	Name	Quantity	Purpose
T159	M4x10mm Cap Head Screw	3	Stage Screw

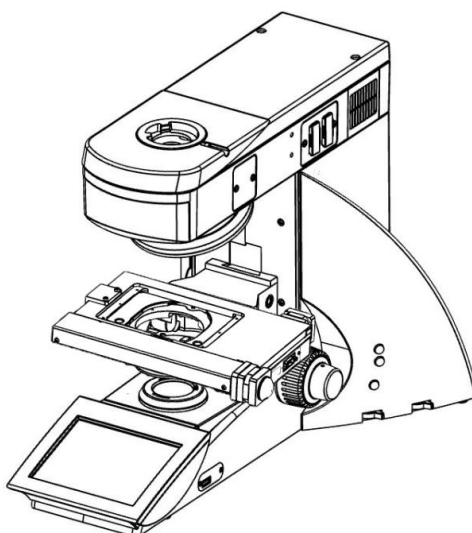
The microscope has three screw holes in a triangle shape on a protruding support.

These must be aligned with the holes in the stage, pictured to the right, with the 'point' of the triangle pointing towards the rear of the microscope.



Using the supplied T159 screws, the stage must be attached to the microscope by screwing in the bolts **upwards from underneath the substage**. Secure each bolt slightly to secure the stage in place before tightening the bolts fully.

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

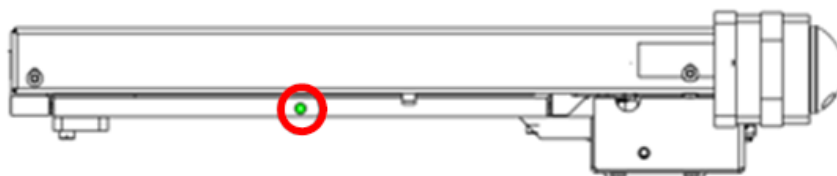
Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES11E50/ES11E80 Installation onto Nikon Eclipse Ni/Ci



ES11E50 will only attach to an SS substage, while the ES11E80 will attach to SSR or SS substages.

Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



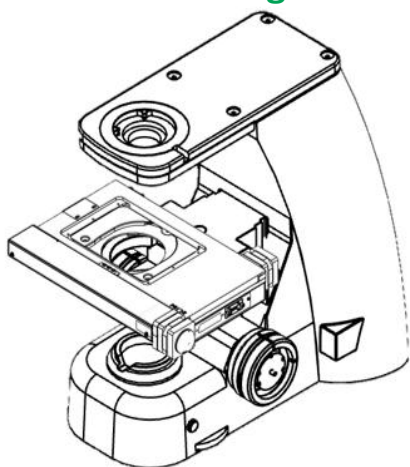
Place the stage onto the microscope so that the aperture rests comfortably on the Ni/Ci dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure.

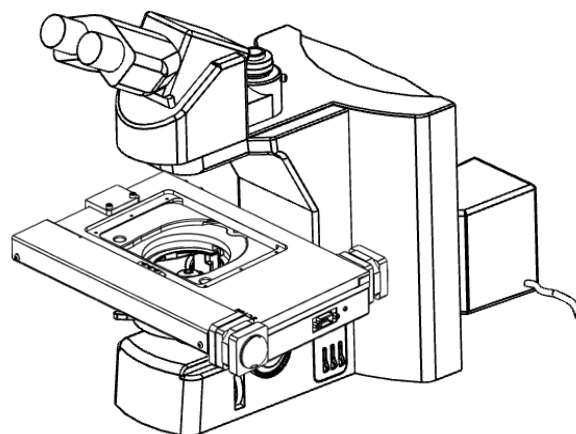
For ES11E80 (SSR Substage) – Gently press the stage onto the microscope and screw the stage into place using the stage fixing screws present on the substage

The system will look like the image below when the stage is in correct position.

SS Substage



SSR Substage

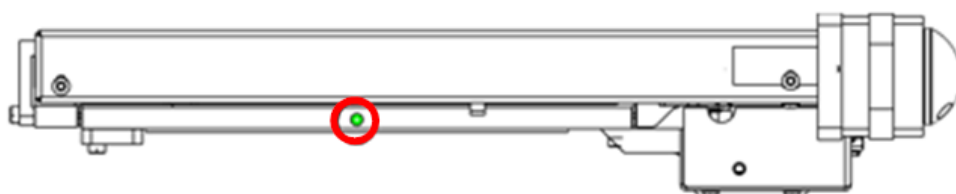


When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES11E600 Installation onto Nikon E400/E600

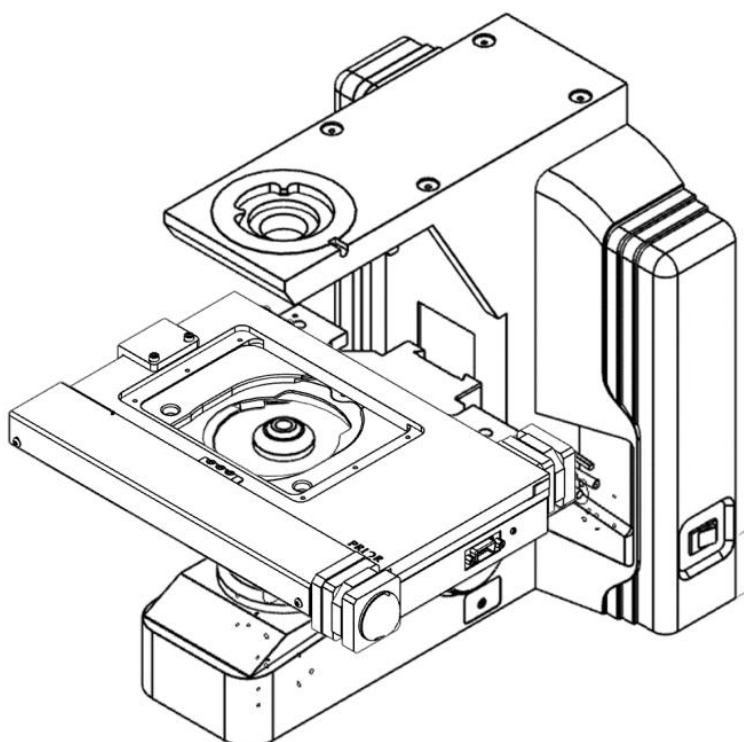
Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting gentle pressure from the back

The system will look like the image below when the stage is in correct position.

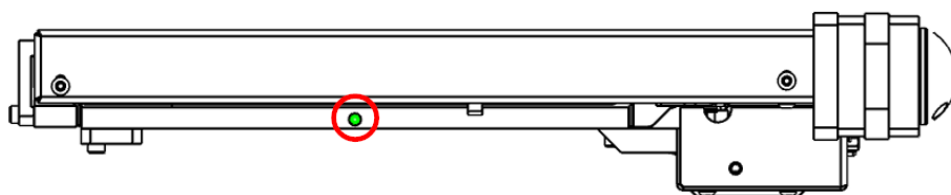


When the stage is bolted into position, installation is complete.

Please refer to the Proscan III/OptiScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES11LB Installation onto Leica DMLM/DMLB

Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting gentle pressure from the back

When the stage is bolted into position, installation is complete.

Please refer to the Proscan III/OptiScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES11MT5 Installation onto Meiji MT5000

Required Installation Accessories

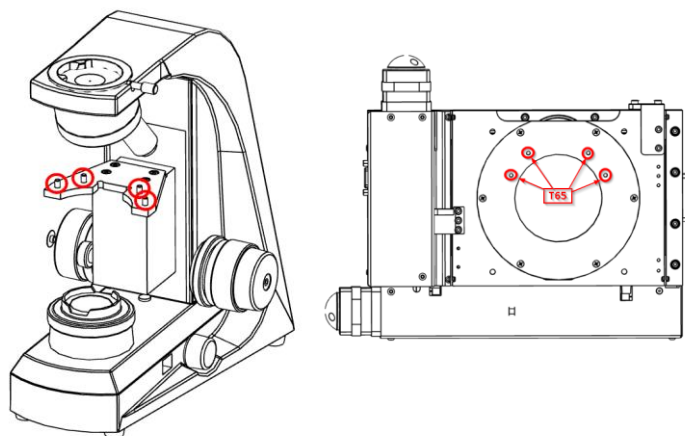
Part Number	Name	Quantity	Purpose
T65	M4x8mm Screw Cap Head	4	Stage Screw

The microscope has four screw holes in a pointing formation on a protruding support.

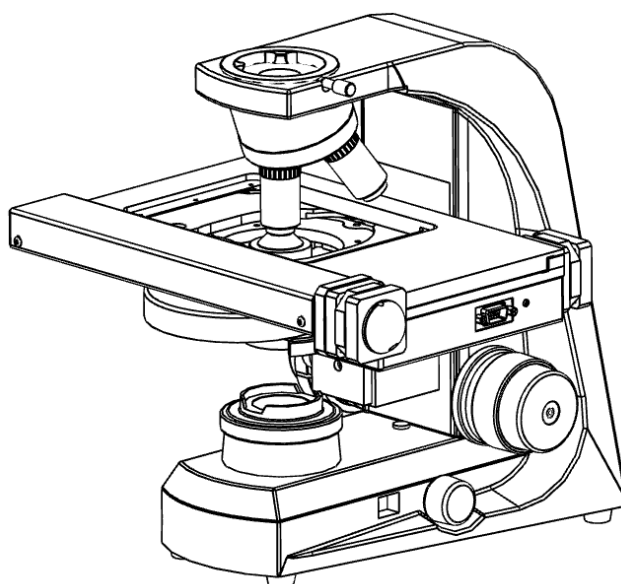
These must be aligned with the holes in the stage, pictured right, with the four bolt holes pointing towards the rear of the microscope.

Using the supplied T65 screws, the stage must be attached to the microscope by screwing in the bolts **upwards from underneath the substage**.

Secure each bolt slightly to secure the stage in place before tightening the bolts fully.



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III/OptiScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES11NLV Installation onto Nikon LV100

Required Installation Accessories

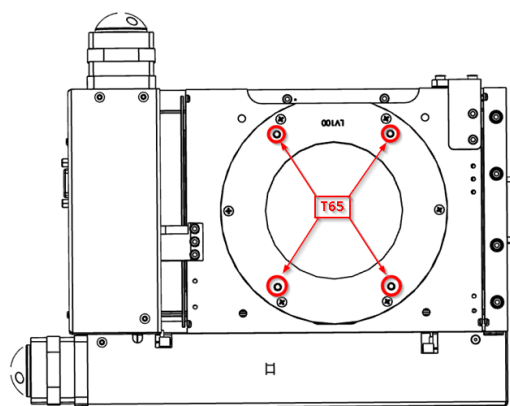
Part Number	Name	Quantity	Purpose
T65	M4x8mm Screw Cap Head	4	Stage Screw

The microscope substage has four screw holes in a rectangular formation

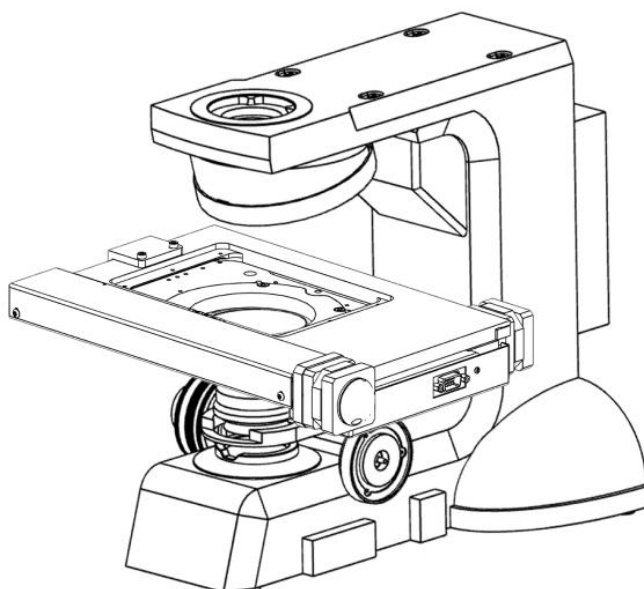
These must be aligned with the holes in the stage, pictured right.

Using the supplied T65 screws, the stage must be attached to the microscope by screwing in the bolts **downwards**.

Secure each bolt fully before moving onto the next screw and have another person assist if balancing the stage is problematic



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

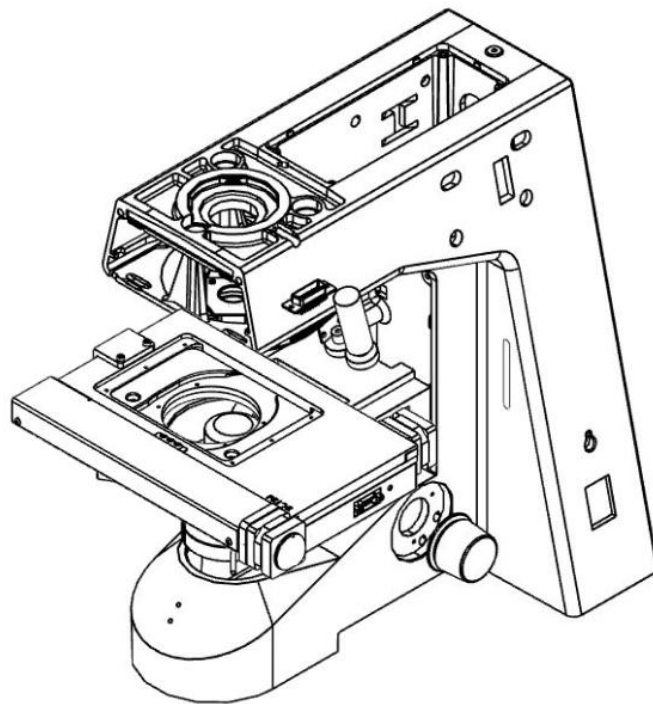
Please refer to the ProScan III/OptiScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

ES11PLAN Installation onto Zeiss Axioskop 2 / Axioskop 40

Place the dovetail adapter of the stage onto the microscope so that the holes approximately line up. The stage should fit smoothly between the three protruding points around the circumference.

When the stage is seated, twist the stage fixing screw on the microscope. It should line up with the central section of the dovetail. Tighten the screw while exerting gentle pressure from the back until the stage is secure.

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

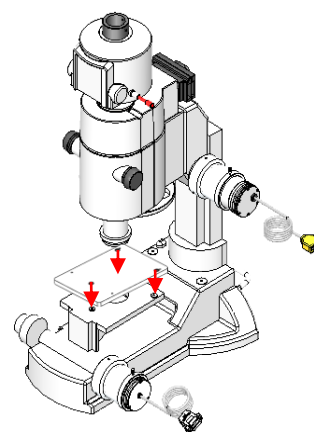
Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101AZEP Installation onto Nikon AZ100

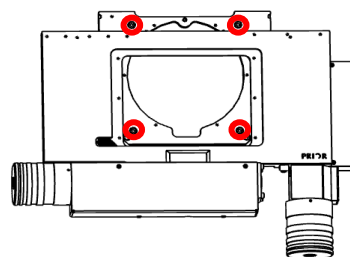
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T106	M5x10mm Screw Cap Head Screw	3	Adapter Plate Screw
H2949	H101A/ES111 Adapter Plate to AZ100	1	Adapter Plate
T159	M4x10mm Screw Cap Head Screw	4	Stage Screw

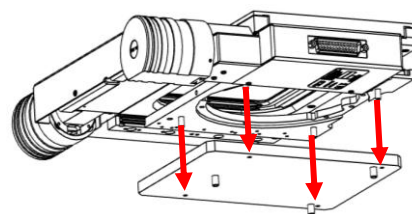
Attach the adapter plate onto the Epi stage mount as shown in the image to the right with the included T106 screws.



To attach the stage, connect the stage to the controller and move the stage to the front in the Y-axis to reveal the mounting holes.

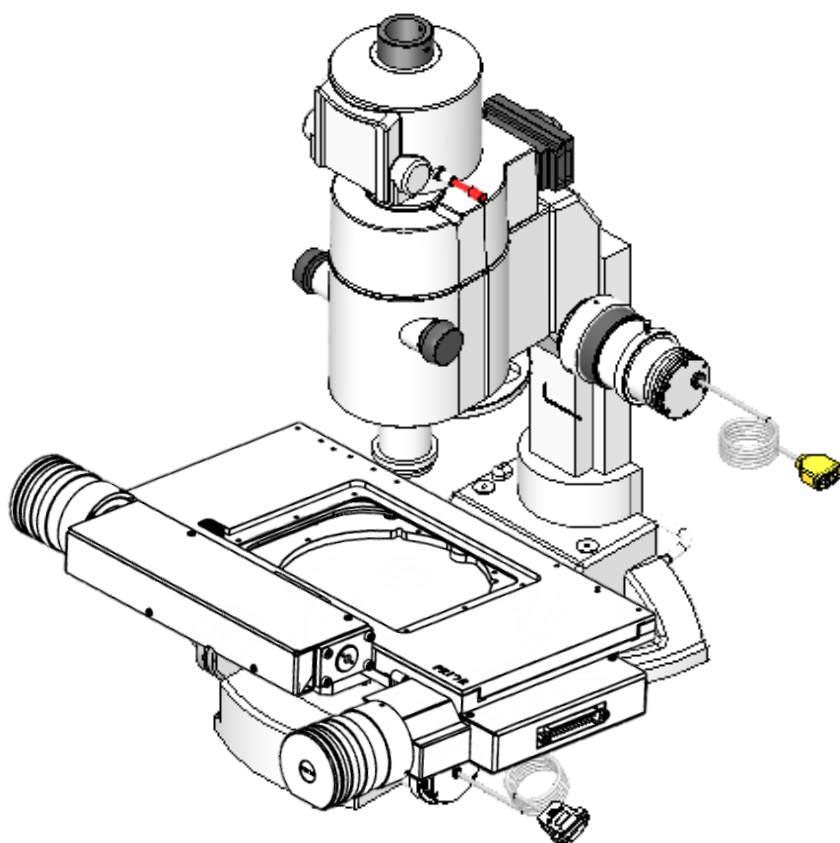


Place the stage to align with the holes on the spacer and insert 4 x T159 screws.



H101AZEP Installation onto Nikon AZ100

The system will look like the image below when the stage is in correct position.

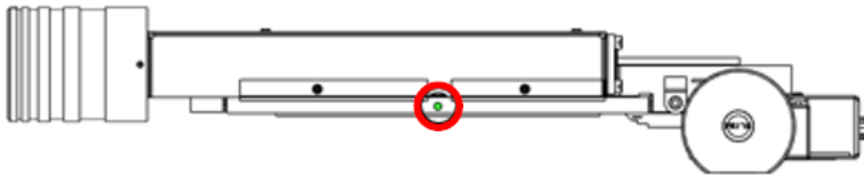


When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101BX Installation onto Evident BX

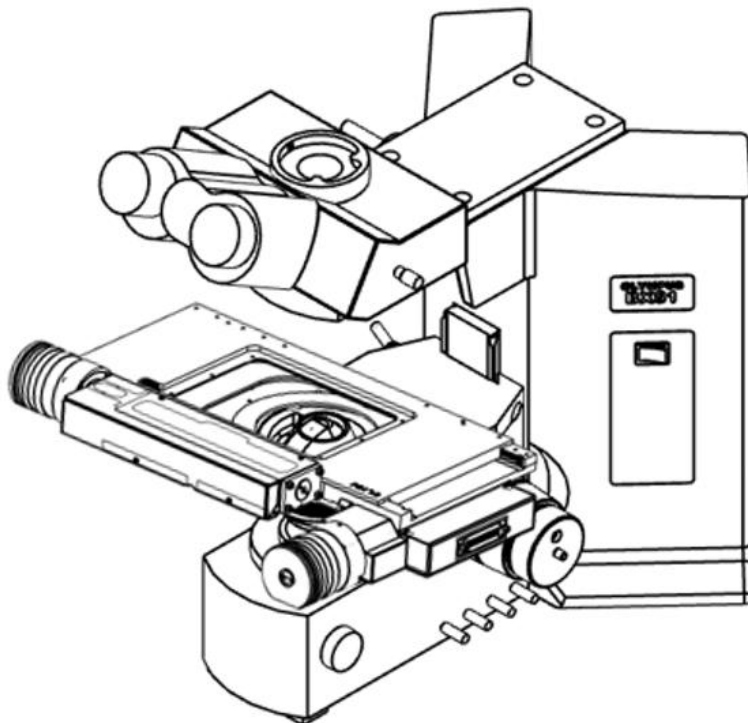
Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting gentle pressure from the back

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

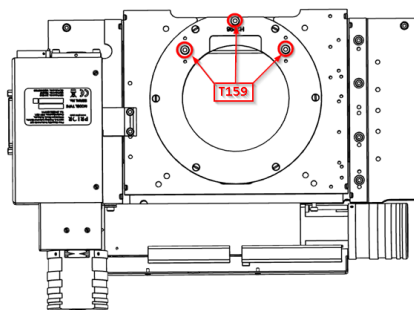
H101DMLS Installation onto Leica DM6000

Required Installation Accessories

Part Number	Name	Quantity	Purpose
T159	M4x10mm Cap Head Screw	3	Stage Screw

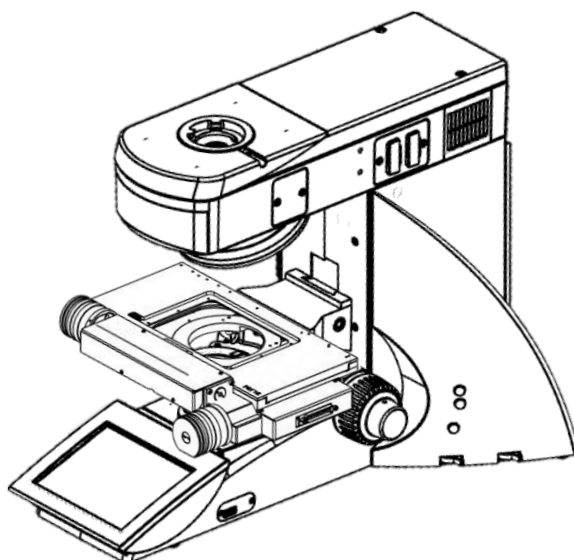
The microscope has three screw holes in a triangle shape on a protruding support.

These must be aligned with the holes in the stage, pictured to the right, with the 'point' of the triangle pointing towards the rear of the microscope.



Using the supplied T159 screws, the stage must be attached to the microscope by screwing in the bolts **upwards from underneath the substage**. Secure each bolt slightly to secure the stage in place before tightening the bolts fully.

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

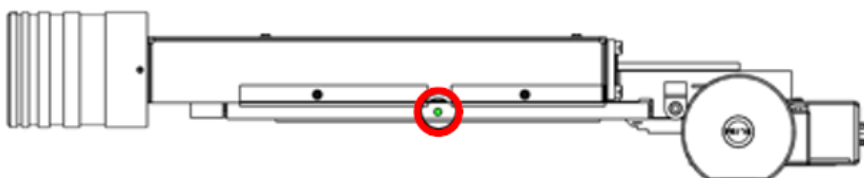
Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101E50/H101E80 Installation onto Nikon Eclipse Ni/Ci



H101E50 will only attach to an SS substage, while the H101E80 will attach to SSR or SS substages.

Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



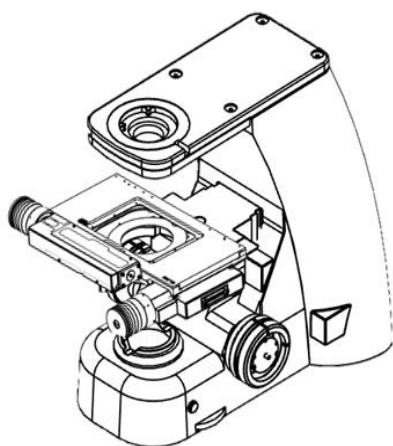
Place the stage onto the microscope so that the aperture rests comfortably on the Ni/Ci dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure.

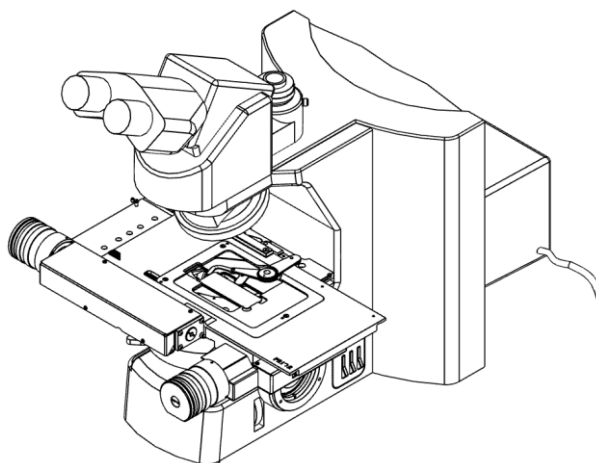
For H101E80 (SSR Substage) – Gently press the stage onto the microscope and screw the stage into place using the stage fixing screws present on the substage

The system will look like the image below when the stage is in correct position.

SS Substage



SSR Substage

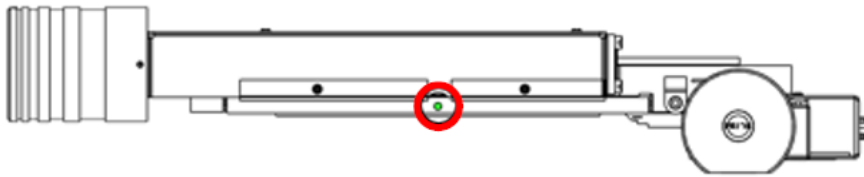


When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101E600 Installation onto Nikon E400/E600

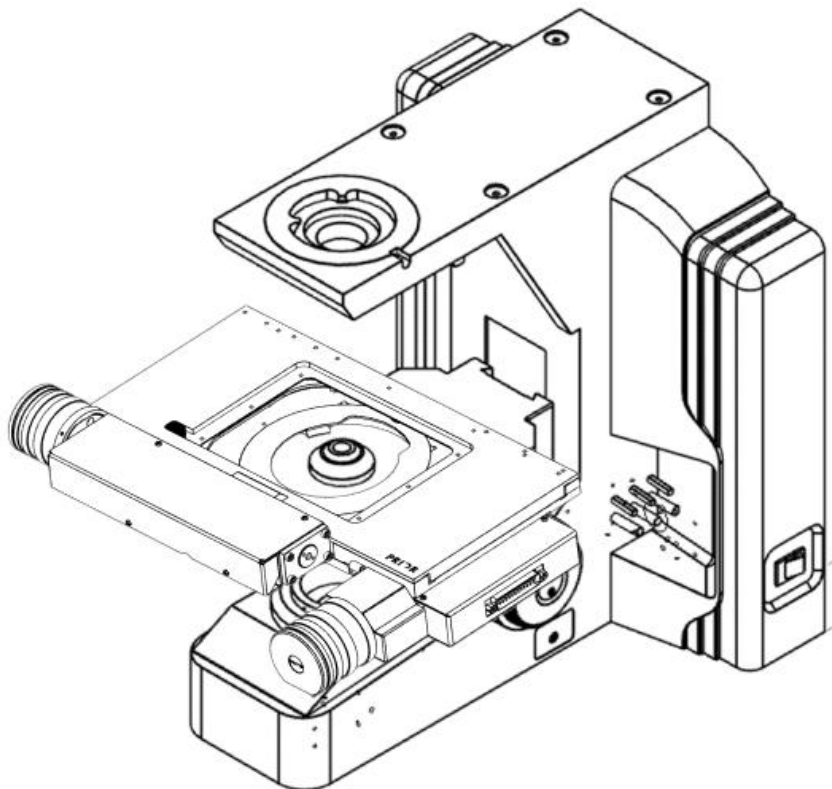
Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting gentle pressure from the back

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101F Installation onto Evident BX63

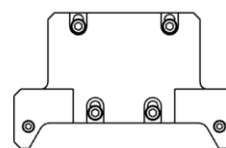
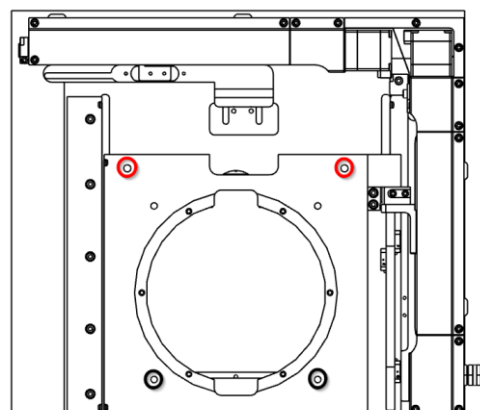
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T137	M5x20mm Socket Head Screw	8	Adapter Screw
T149	M5x12mm Socket Head Screw	4	Adapter Screw
T65	M4x8mm Socket Head Screw	2	Adapter Screw

The view of the underside of H101F is shown to the right.

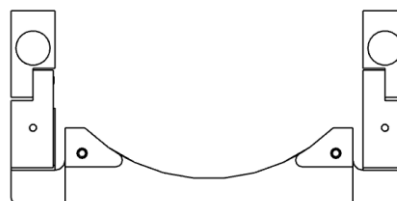
The mounting holes for the Front Stage Bracket are circled in **Red**.

The mounting holes for the Back Stage Bracket are circled in **Black**.



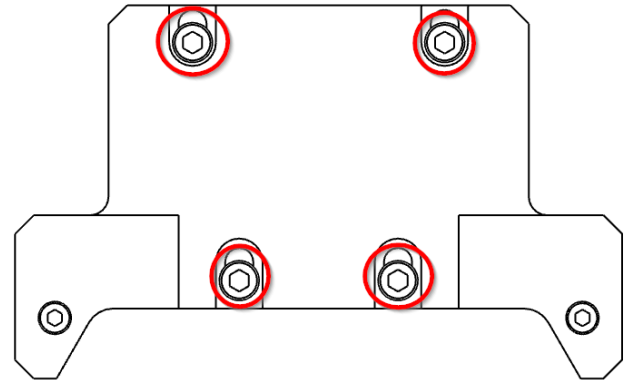
The stage bracket is pictured to the right

The larger one is the front bracket, the smaller one is the back bracket.



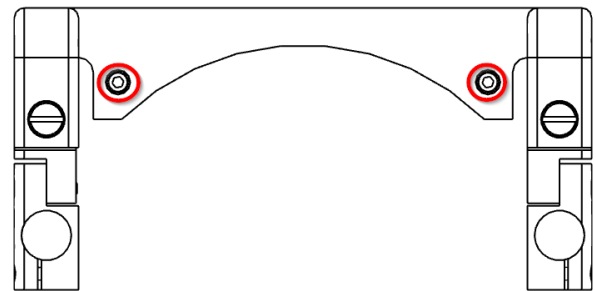
H101F Installation onto Evident BX63

The first step is to mount the back stage bracket, the smaller of the two, to the Olympus Sub-Stage using the provided 4x T149 screws in the central four mounting points.

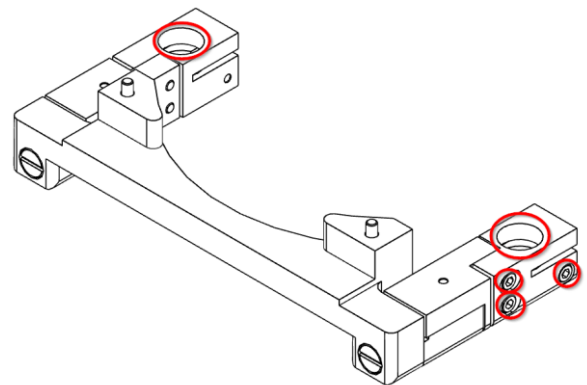


Secondly, mount the front stage bracket to the bottom of the H101F stage using the 2x T65 screws provided, ringed in red, into the holes for the front stage bracket circled in **red** on the previous page.

These should screw upwards.



Slightly loosen the leg clamping screws (3x T137 per side) to allow the legs to fit into the holes on the front stage bracket.



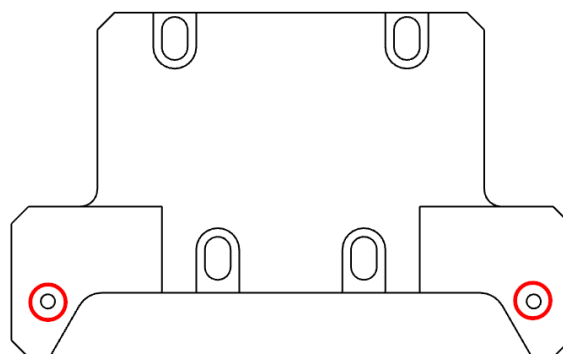
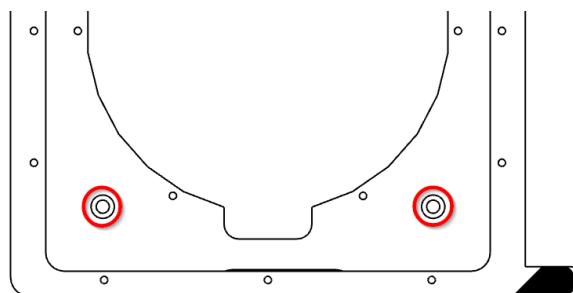
Lower the stage onto the microscope, ensuring the legs fit into the corresponding holes in the front stage bracket. **Do not tighten the leg clamping screws yet.**

H101F Installation onto Evident BX63

Fix the stage to the microscope using the two stage fixing screws (ringed) to the back stage bracket.

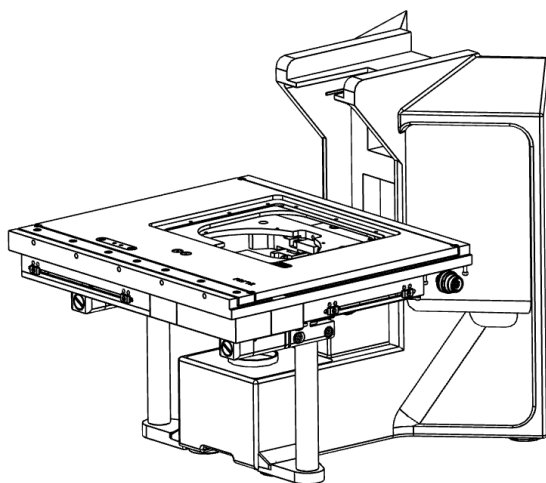
These screws are accessed from the top of the stage through the stage insert cut out.

Gently manipulating the stage across its Y-axis will be required to access these screw holes cleanly. They will screw into the two 'arms' of the back stage bracket.



Once the back stage bracket fixing screws have been tightened, tighten the leg clamping screws to provide support to the front of the stage.

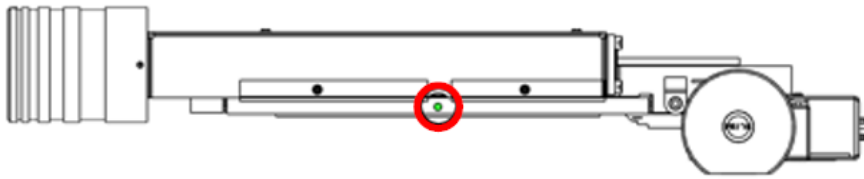
Mount the appropriate stage insert and your installation is now complete.



Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101LB Installation onto Leica DMLM/DMLB

Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting gentle pressure from the back

When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

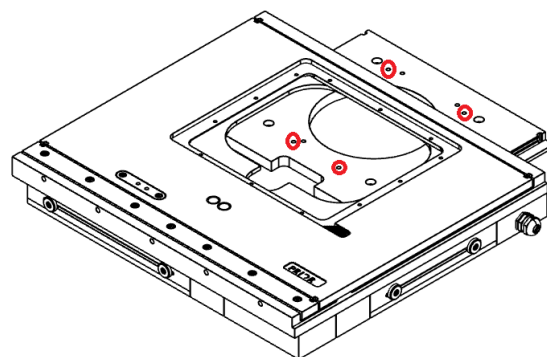
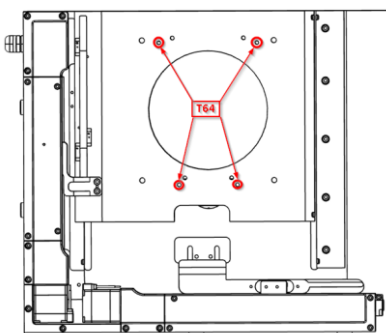
H101N2AX Installation onto Zeiss AxioExaminer / Axioimager

Required Installation Accessories

Part Number	Name	Quantity	Purpose
T64	M4x12mm Screw Cap Head	4	Stage Screw

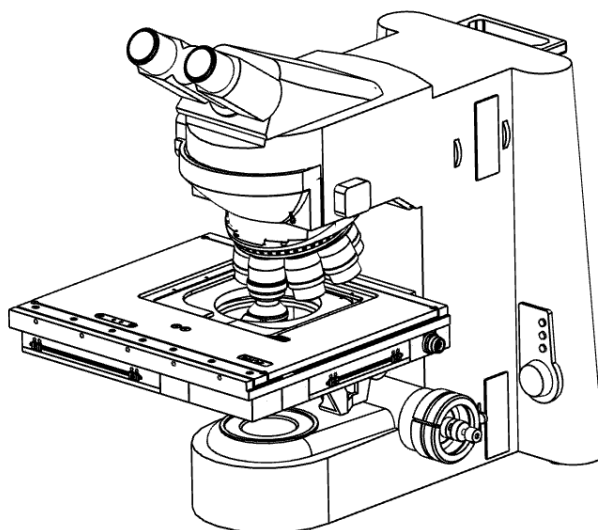
The microscope substage has four screw holes in a formation with a small gap at the front, and larger gap at the back

These must be aligned with the holes in the stage, pictured right. This may require the Y axis to move



Using the supplied T64 screws, the stage must be attached to the microscope by screwing in the bolts **downwards**.

The system will look like the image below when the stage is in correct position.

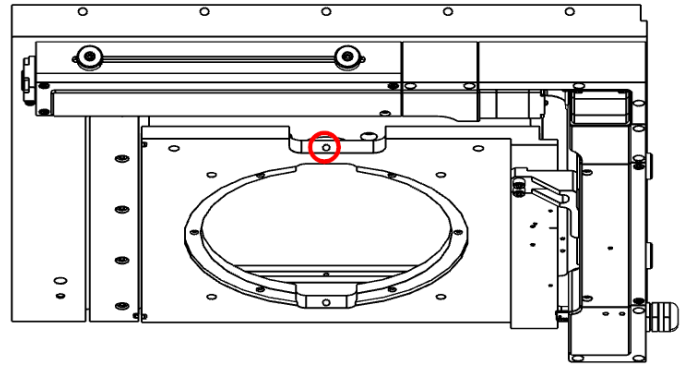


When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101N2BX Installation onto Evident BX

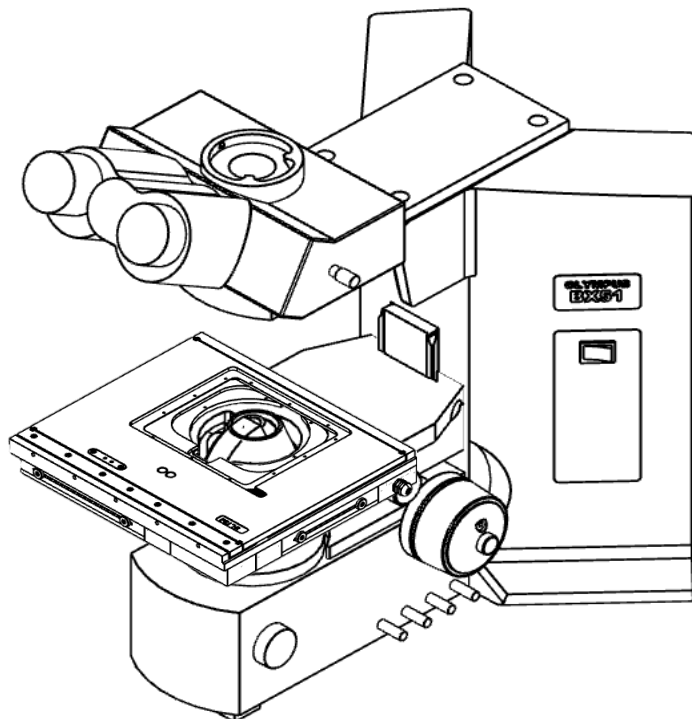
Before beginning installation, ensure the fixing screw pictured to the right is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting gentle pressure from the back

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

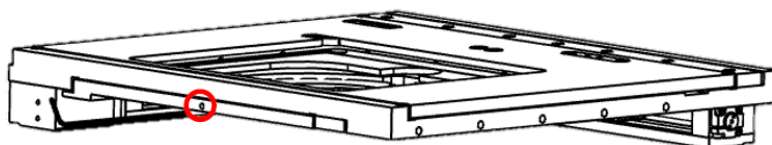
Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101N2Ci Installation onto Nikon Eclipse Ci



**The H101N2Ci will only
attach to an SS substage**

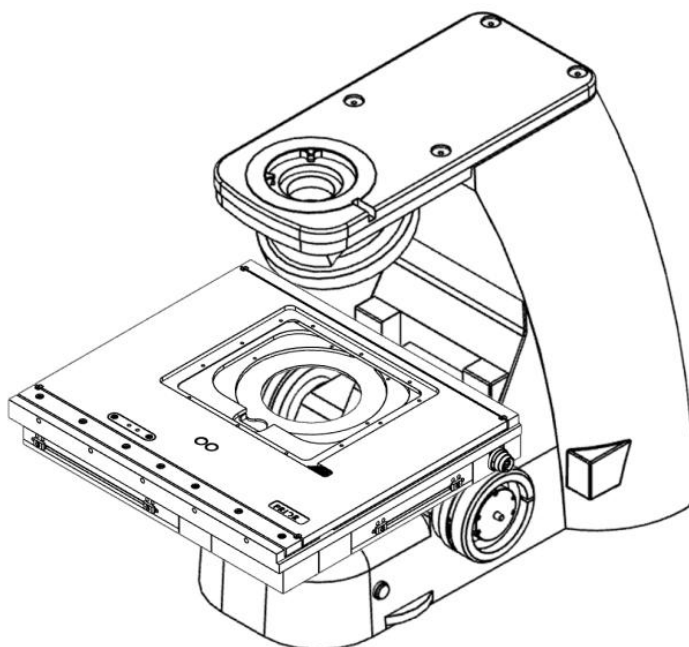
Before beginning installation, ensure the
fixing screw pictured to the right is fully
withdrawn and will not impede stage
placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail and
the fixing screw hole is at the **back** of the microscope.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting
gentle pressure from the back

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

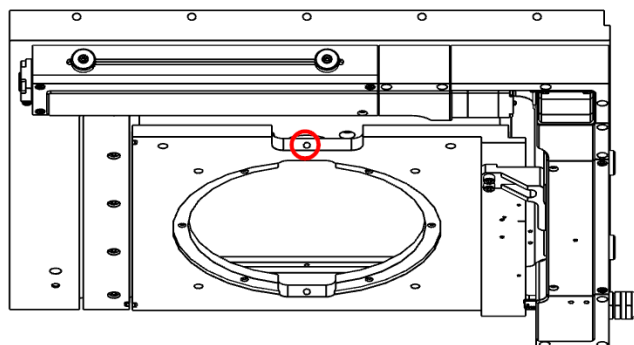
**Please refer to the ProScan III quick start guide for instructions on how to connect the stage
with the controller and joystick.**

H101N2Ni Installation onto Nikon Eclipse Ni



The H101N2Ni will attach to an SS or SSR substage

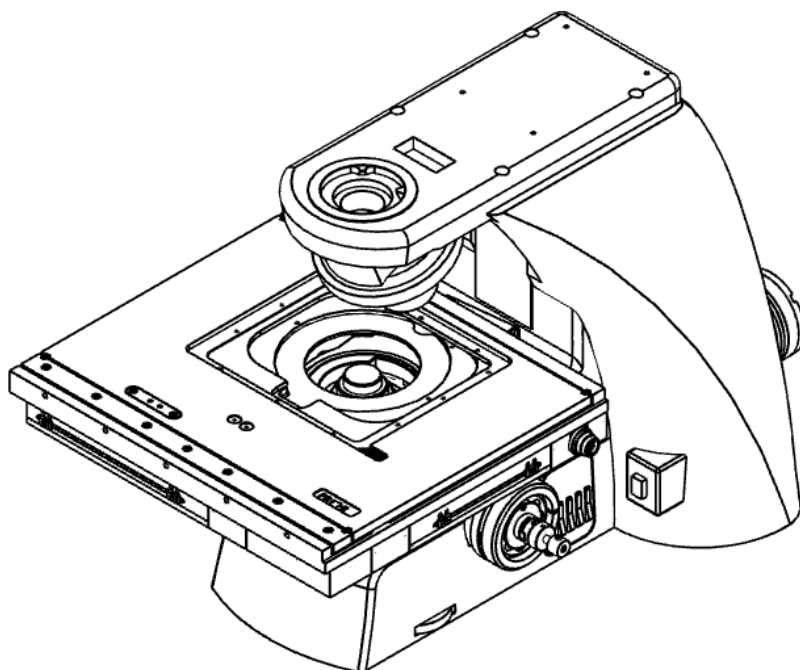
Before beginning installation, ensure the fixing screw pictured to the right is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail and the fixing screw hole is at the **front** of the microscope.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting gentle pressure from the back

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H101NLV Installation onto Nikon LV100/LV150

Required Installation Accessories

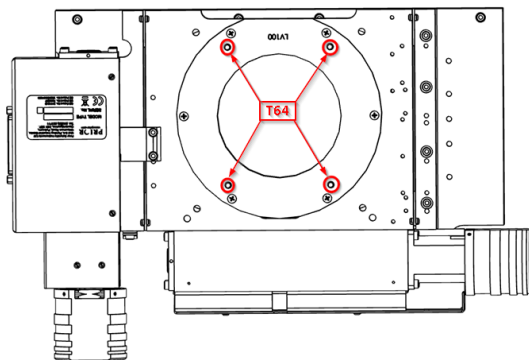
Part Number	Name	Quantity	Purpose
T64	M4x12mm Screw Cap Head	4	Stage Screw

The microscope substage has four screw holes in a rectangular formation

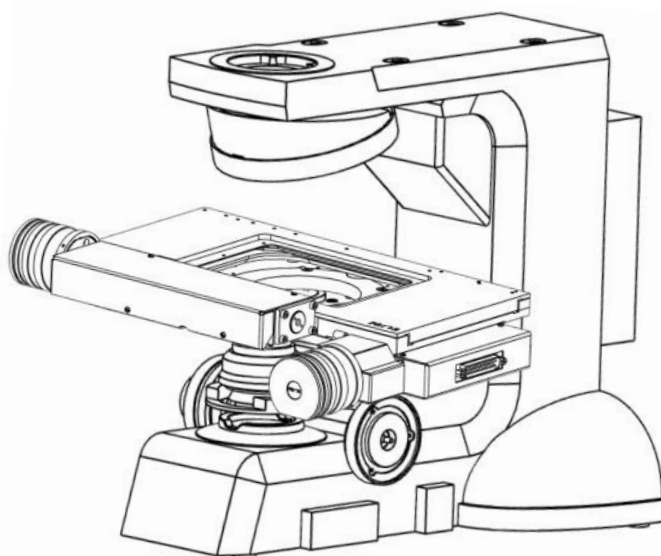
These must be aligned with the holes in the stage, pictured right. This may require the Y axis to move

Using the supplied T64 screws, the stage must be attached to the microscope by screwing in the bolts **downwards**.

Secure each bolt fully before moving onto the next screw and have another person assist if balancing the stage is problematic



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H105/2NI Installation onto Nikon L200/L300

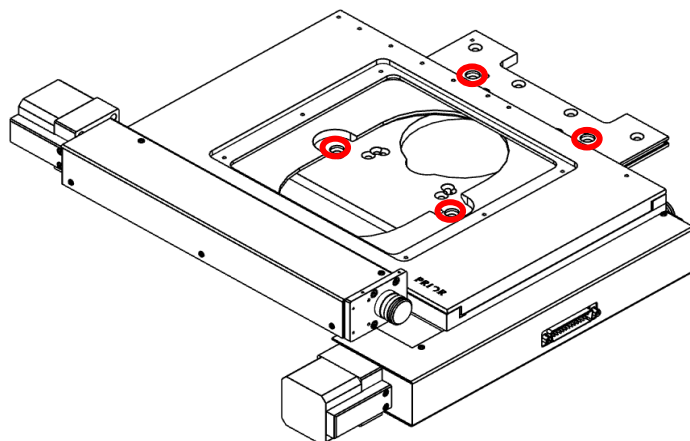
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T109	M6x20mm Countersunk Screw	4	Stage Screw
H2100	Stage Spacer Plate (H105/H116)	1	Adapter Plate
T138	M6x16mm Screw Cap Head	4	Adapter Plate Screw

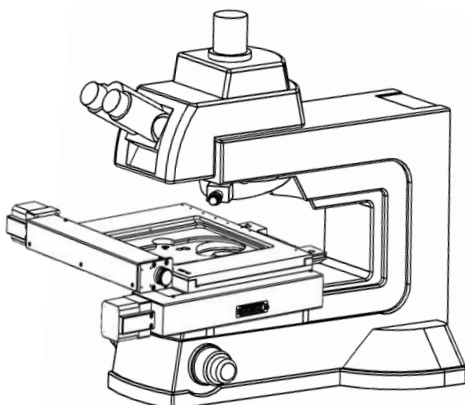
Align the spacer plate with the four holes in the microscope substage, then screw it into place with the included 4x T138 screws.

Move the stage in the Y axis to reveal the stage mounting holes, circled to the right, and align the mounting holes with the small holes in the spacer plate.

Screw the included T109 countersunk screws into the mounting holes and secure them into plate. It may be necessary for a second person to support the stage during this operation.



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

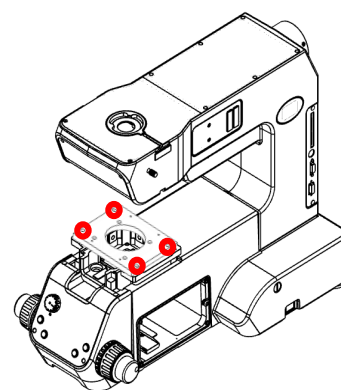
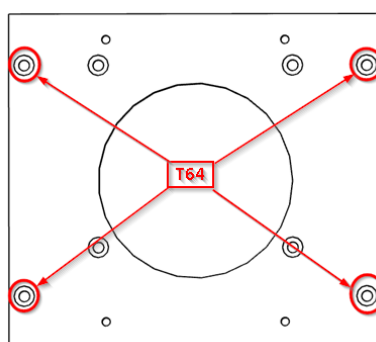
Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H105/20L Installation onto Evident MX

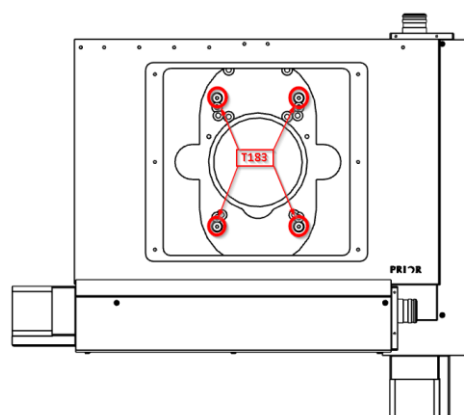
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T183	M4x16mm Countersunk Screw	4	Stage Screw
H766	H105BH3 Spacer Plate	1	Spacer
T64	M4x12mm Screw Cap Head	4	Spacer Screw

Align the spacer plate with the four holes in the microscope substage, then screw it into place with the included 4x T64 screws.

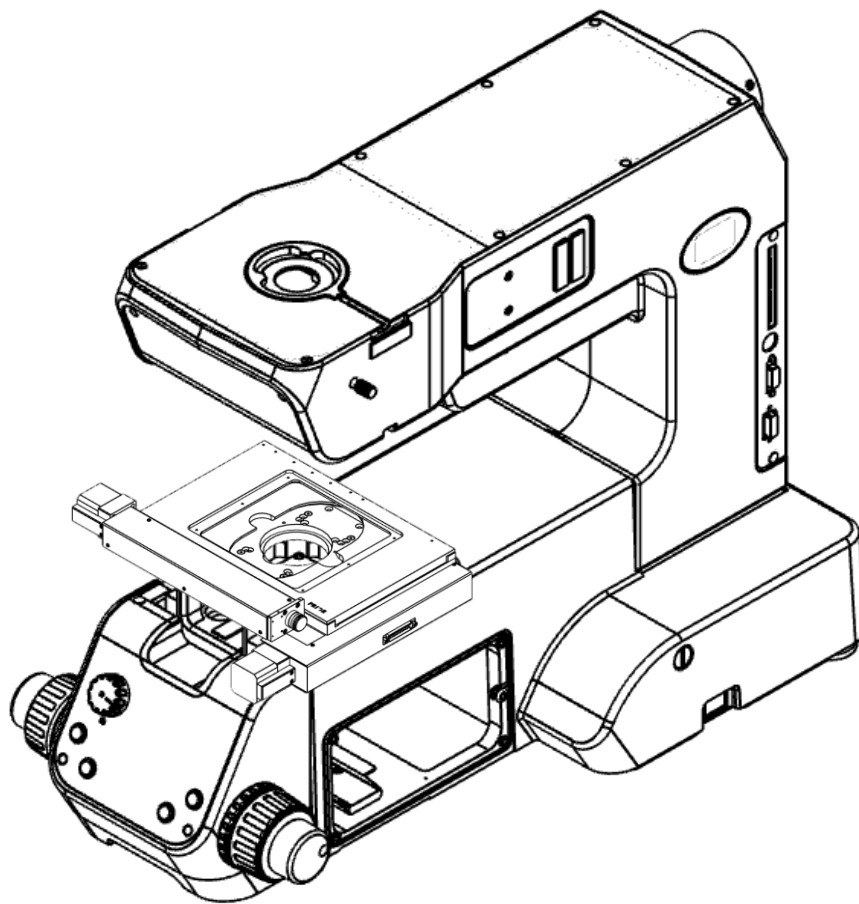


Move the stage in the Y axis to reveal the stage mounting holes, circled to the right, and align the mounting holes with the small holes in the spacer plate, then attach the stage with the included 4x T183 screws



H105/20L Installation onto Evident MX

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H105N2F Installation onto Nikon L200/L300

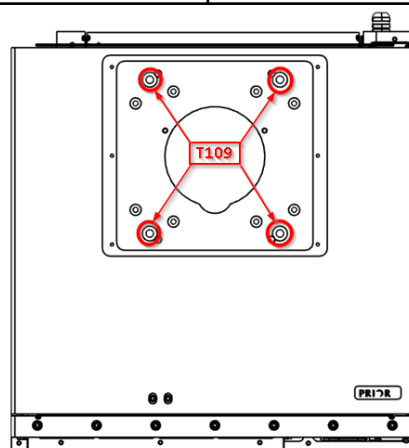
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T109	M6x20mm Countersunk Screw	4	Stage Screw
H2100	Stage Spacer Plate (H105/H116)	1	Adapter Plate
T138	M6x16mm Screw Cap Head	4	Adapter Plate Screw

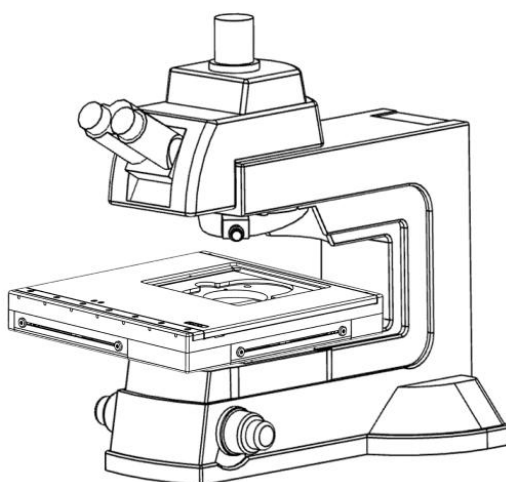
Align the spacer plate with the four holes in the microscope substage, then screw it into place with the included 4x T138 screws.

Move the stage in the Y axis to reveal the stage mounting holes, circled to the right, and align the mounting holes with the small holes in the spacer plate.

Screw the included T109 countersunk screws into the mounting holes and secure them into plate. It may be necessary for a second person to support the stage during this operation.



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H105NL/2 Installation onto Nikon LV100/LV150

Required Installation Accessories

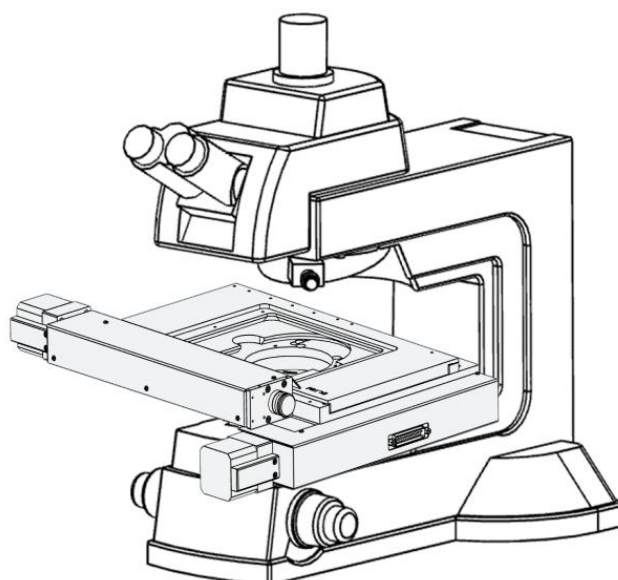
Part Number	Name	Quantity	Purpose
T183	M4x16mm Screw Countersunk	4	Stage Screw
T64	M4x12mm Screw Cap Head	4	Adapter Screw
T74	M4x16mm Screw Cap Head	4	Adapter Screw
H2383	Stage Mounting Adapter	1	Adapter

Align the adapter with the four holes in the microscope substage, then screw it into place with the included 4x T64 screws.

Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the small holes in the spacer plate.

Screw the included T183 countersunk screws into the mounting holes and secure them into plate. It may be necessary for a second person to support the stage during this operation.

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

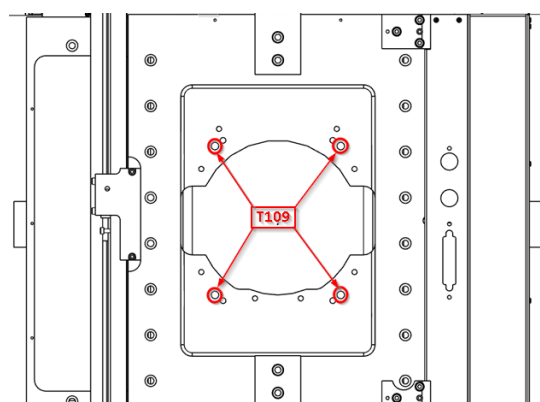
H112/2 Installation onto Nikon L300

Required Installation Accessories

Part Number	Name	Quantity	Purpose
T109	M6x20mm Countersunk Screw	4	Stage Screw

Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the small holes in microscope substance

Screw the included 4x T109 countersunk screws into the mounting holes and secure them into the substage. It may be necessary for a second person to support the stage during this operation.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

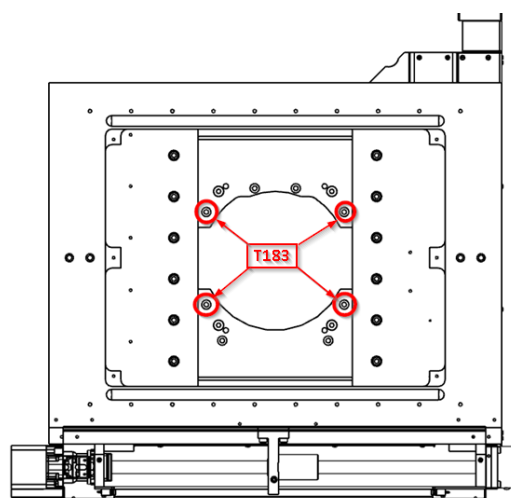
H112/2ST Installation onto Evident MX61L/MX63L

Required Installation Accessories

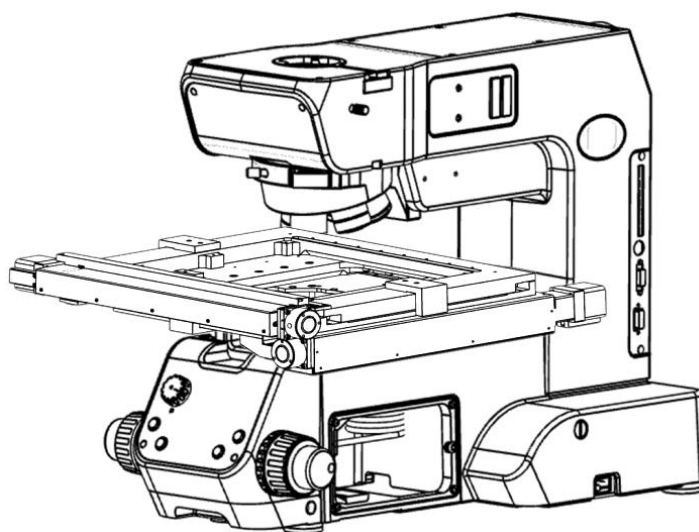
Part Number	Name	Quantity	Purpose
T183	M4x16mm Countersunk Screw	4	Stage Screw

Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the small holes in microscope substance

Screw the included 4x T183 countersunk screws into the mounting holes and secure them into the substage. It may be necessary for a second person to support the stage during this operation.



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H116/2-8 Installation onto Nikon LV200

Required Installation Accessories

Part Number	Name	Quantity	Purpose
T183	M6x16mm Countersunk Screw	4	Stage Screw
H2100	Stage Spacer Plate (H105/H116)	1	Adapter Plate
T64	M4x12mm Screw Cap Head	4	Adapter Plate Screw

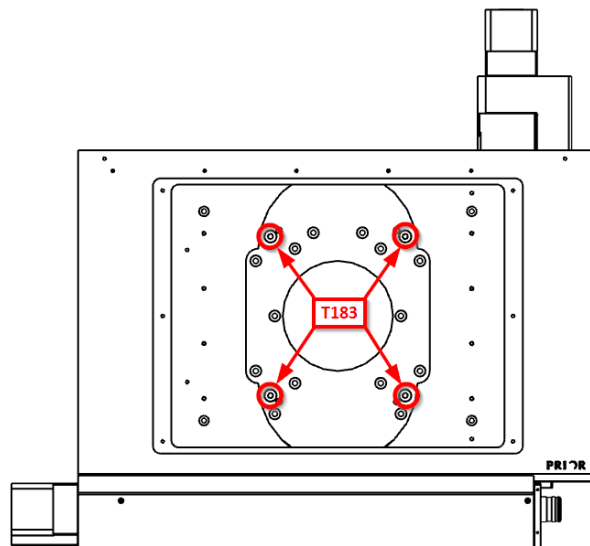


Using the H116/2-8 limits Y-Axis travel to 200mm. If this is unsuitable for your application, please mount the stage to a different microscope.

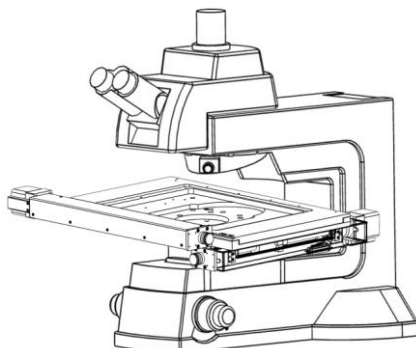
Align the spacer plate with the four holes in the microscope substage, then screw it into place with the included 4x T64 screws.

Move the stage in the Y axis to reveal the stage mounting holes, circled to the right, and align the mounting holes with the small holes in the spacer plate.

Screw the included 4xT183 countersunk screws into the mounting holes and secure them into plate. It may be necessary for a second person to support the stage during this operation.



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H116/2NI Installation onto Nikon L300

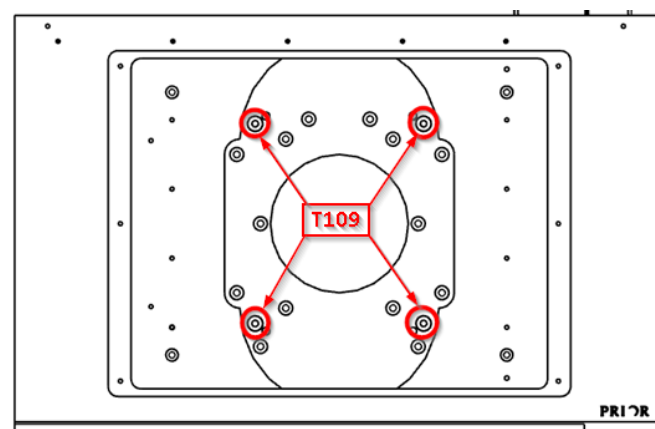
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T109	M6x20mm Countersunk Screw	4	Stage Screw
H2100	Stage Spacer Plate (H105/H116)	1	Adapter Plate
T138	M6x16mm Screw Cap Head	4	Adapter Plate Screw

Align the spacer plate with the four holes in the microscope substage, then screw it into place with the included 4x T138 screws.

Move the stage in the Y axis to reveal the stage mounting holes, circled to the right, and align the mounting holes with the small holes in the spacer plate.

Screw the included T109 countersunk screws into the mounting holes and secure them into plate. It may be necessary for a second person to support the stage during this operation.



When the stage is bolted into position, installation is complete.

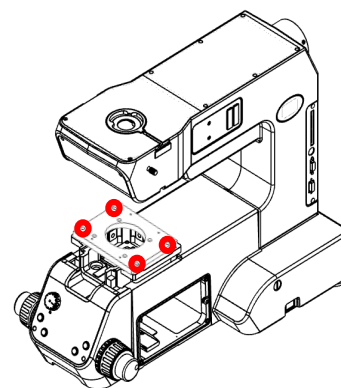
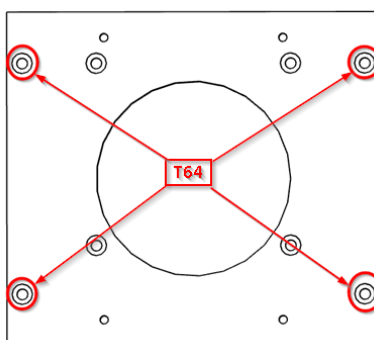
Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H116/20L Installation onto Evident MX

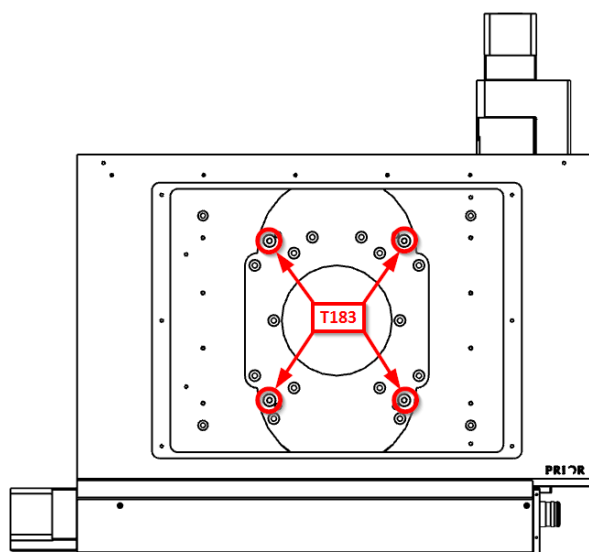
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T183	M4x16mm Countersunk Screw	4	Stage Screw
H766	H105BH3 Spacer Plate	1	Spacer
T64	M4x12mm Screw Cap Head	4	Spacer Screw

Align the spacer plate with the four holes in the microscope substage, then screw it into place with the included 4x T64 screws.

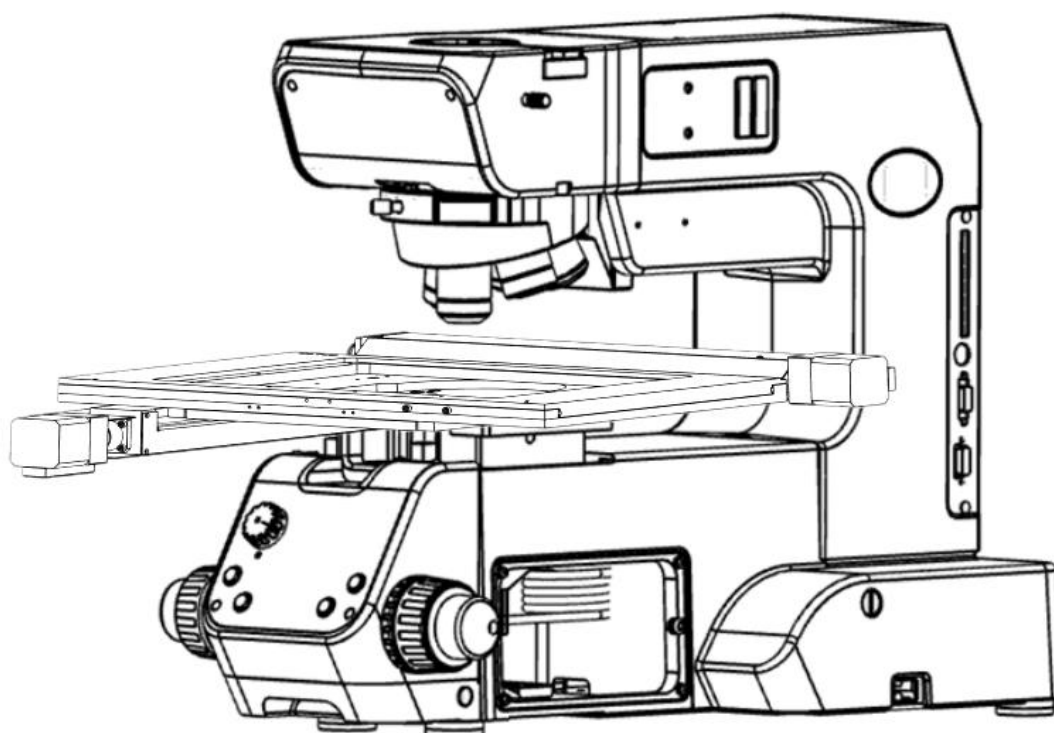


Move the stage in the Y axis to reveal the stage mounting holes, circled to the right, and align the mounting holes with the small holes in the spacer plate, then attach the stage with the included 4x T183 screws



H116/20L Installation onto Evident MX

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

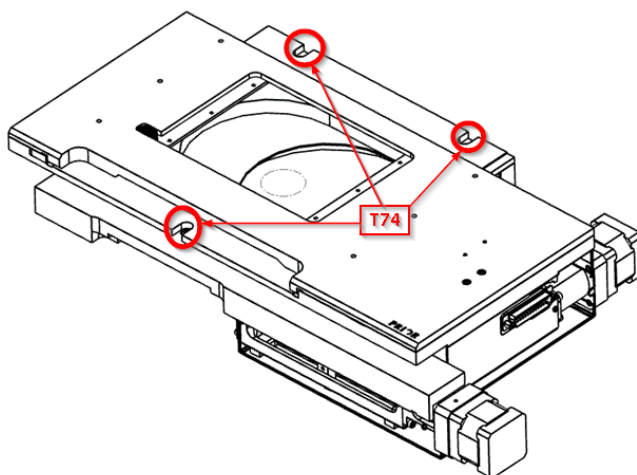
H117N1D4 Installation onto Leica Dmi8

Required Installation Accessories

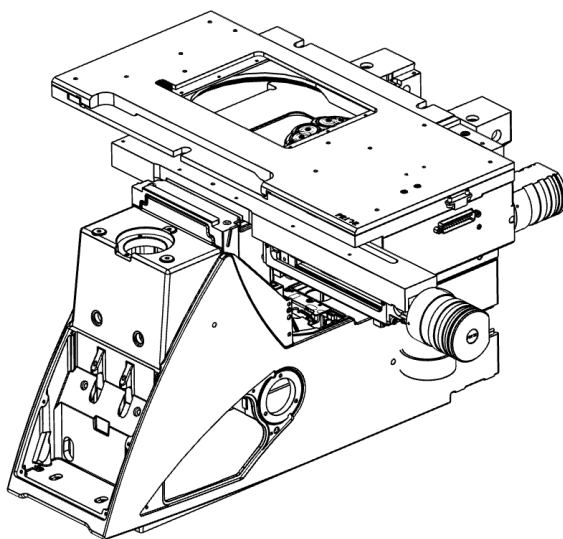
Part Number	Name	Quantity	Purpose
T74	M4x16mm Screw Cap Head	3	Stage Screw

Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

Screw the included 3x T74 screws into the mounting holes and secure them into the substage.



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

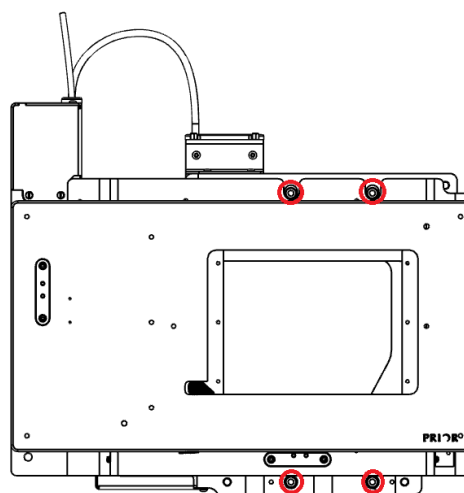
H117N1E4 Installation onto Evident IX85

Required Installation Accessories

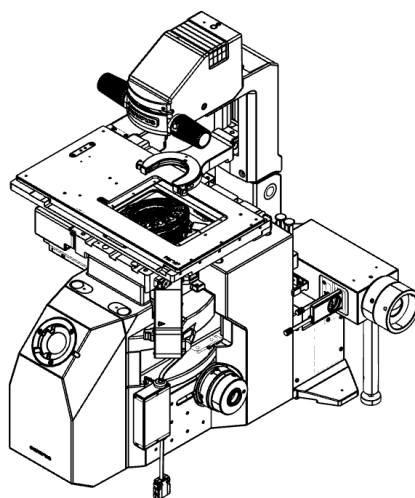
Part Number	Name	Quantity	Purpose
T137	M5x20mm Screw Cap Head	4	Stage Screw

Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

Screw the included 4x T74 screws into the mounting holes and secure them into the substage.



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H117N1I4 Installation onto Evident IX71/IX81

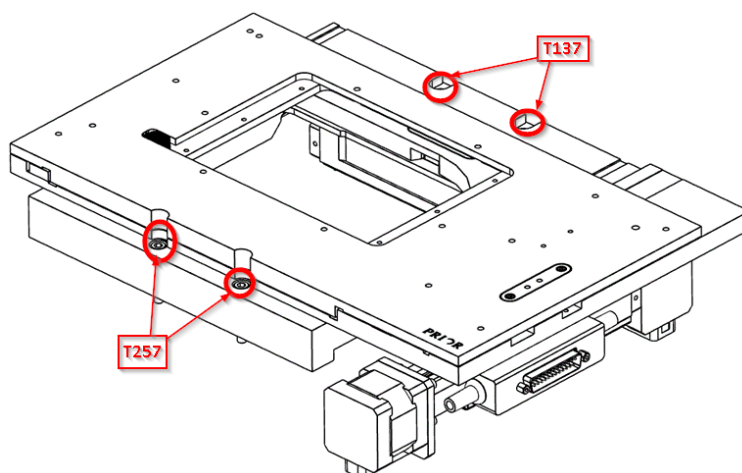
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T257	M5x30mm Screw Cap Head	2	Stage Screw
T137	M5x20mm Screw Cap Head	2	Stage Screw

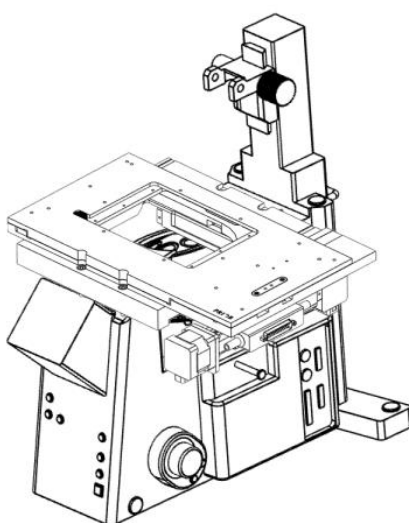
Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

The microscope has four screw holes, two at the front and two at the back. These must be aligned with the holes in the stage.

Screw the included 2x T257 screws into the front mounting holes, 2x T137 screws in the rear mounting holes and secure them into the microscope



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H117N1L4 Installation onto Zeiss Axio Observer

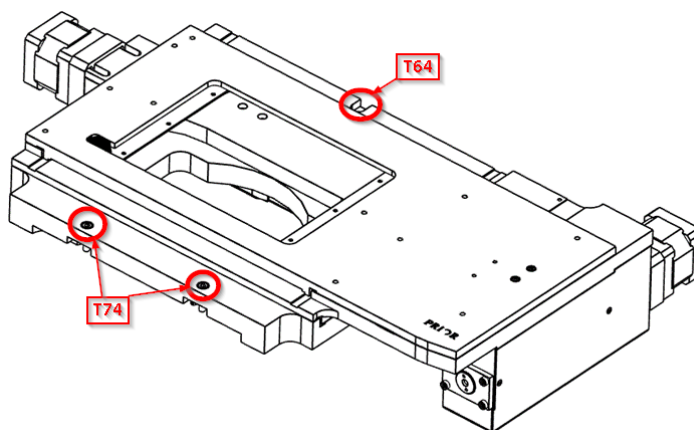
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T64	M4x12mm Screw Cap Head	1	Stage Screw
T74	M4x16mm Screw Cap Head	2	Stage Screw

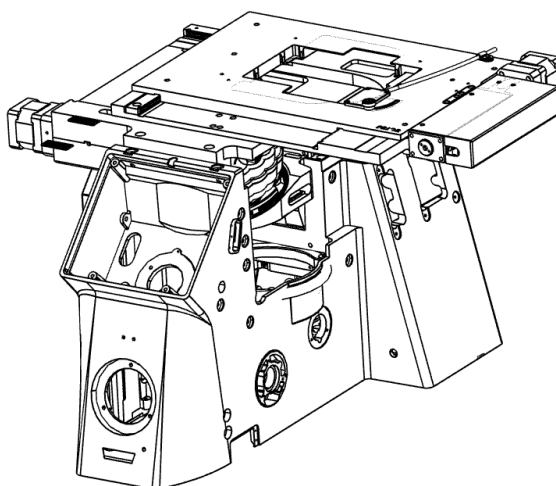
Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

The microscope has four screw holes, two at the front and one at the back. These must be aligned with the holes in the stage.

Screw the included 2x T74 screws into the front mounting holes, 1x T64 screws in the rear mounting holes and secure them into the microscope



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H117N1NN Installation onto Nikon Ti

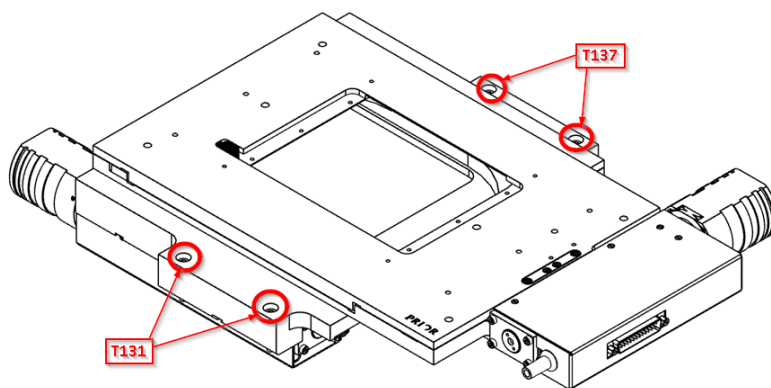
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T131	M5x25mm Screw Cap Head	2	Stage Screw
T137	M5x20mm Screw Cap Head	2	Stage Screw

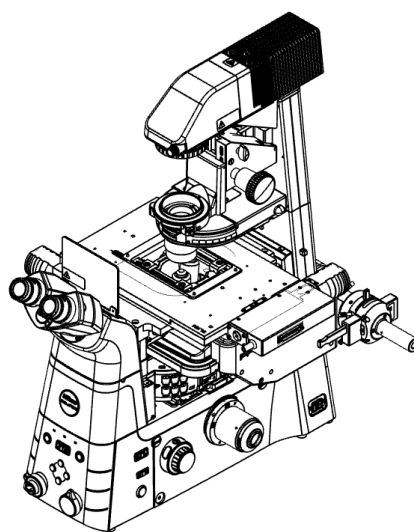
Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

The microscope has four screw holes, two at the front and two at the back. These must be aligned with the holes in the stage.

Screw the included 2x T131 screws into the front mounting holes, 2x T137 screws in the rear mounting holes and secure them into the microscope



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H117N1N4 Installation onto Nikon Ti

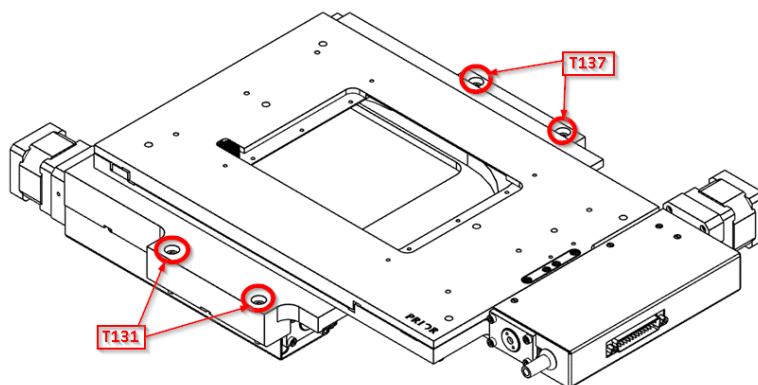
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T131	M5x25mm Screw Cap Head	2	Stage Screw
T137	M5x20mm Screw Cap Head	2	Stage Screw

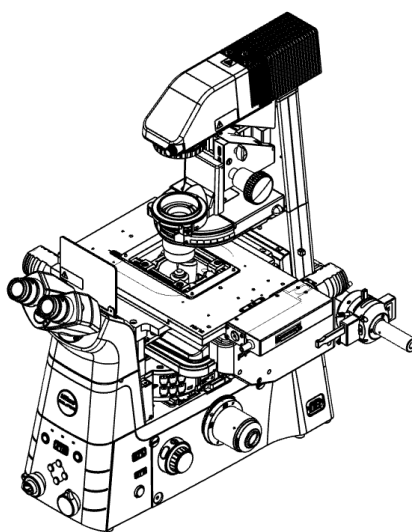
Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

The microscope has four screw holes, two at the front and two at the back. These must be aligned with the holes in the stage.

Screw the included 2x T131 screws into the front mounting holes, 2x T137 screws in the rear mounting holes and secure them into the microscope



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H117N1T4 Installation onto Nikon TE2000

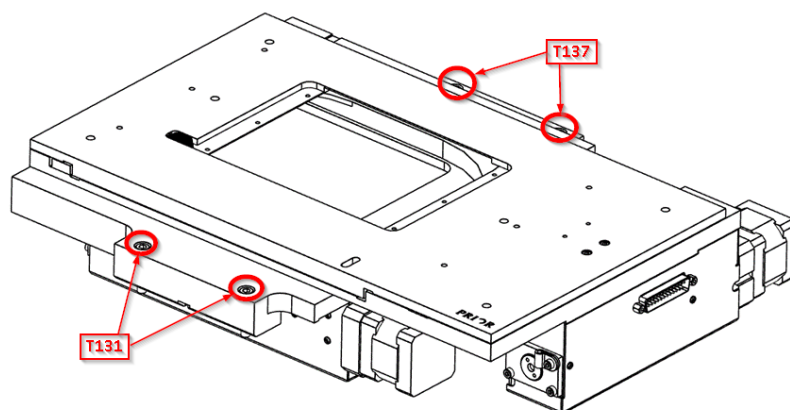
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T131	M5x25mm Screw Cap Head	2	Stage Screw
T137	M5x20mm Screw Cap Head	2	Stage Screw

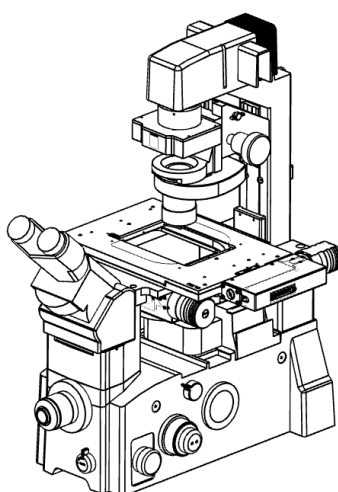
Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

The microscope has four screw holes, two at the front and two at the back. These must be aligned with the holes in the stage.

Screw the included 2x T131 screws into the front mounting holes, 2x T137 screws in the rear mounting holes and secure them into the microscope



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H117N1X4 Installation onto Zeiss Axiovert 200 / 200M

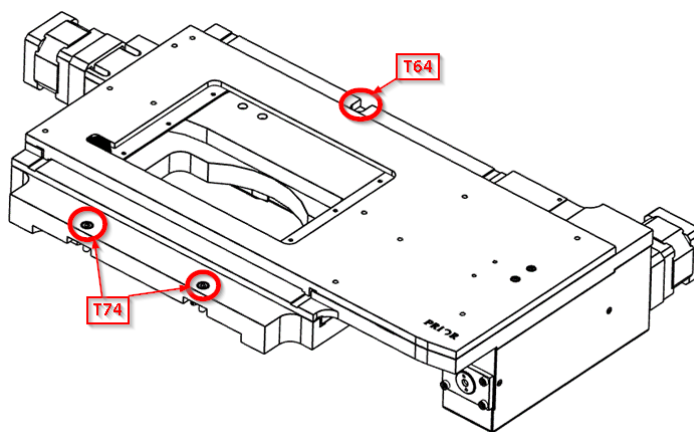
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T64	M4x12mm Screw Cap Head	1	Stage Screw
T74	M4x16mm Screw Cap Head	2	Stage Screw

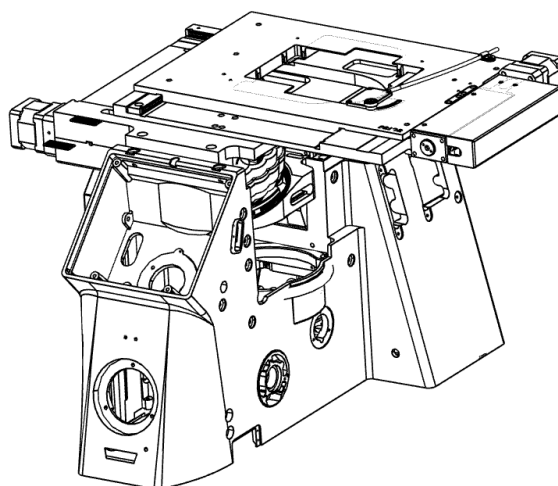
Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

The microscope has four screw holes, two at the front and one at the back. These must be aligned with the holes in the stage.

Screw the included 2x T74 screws into the front mounting holes, 1x T64 screws in the rear mounting holes and secure them into the microscope



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H117N1XD Installation onto Evident IX71 / IX73 / IX83

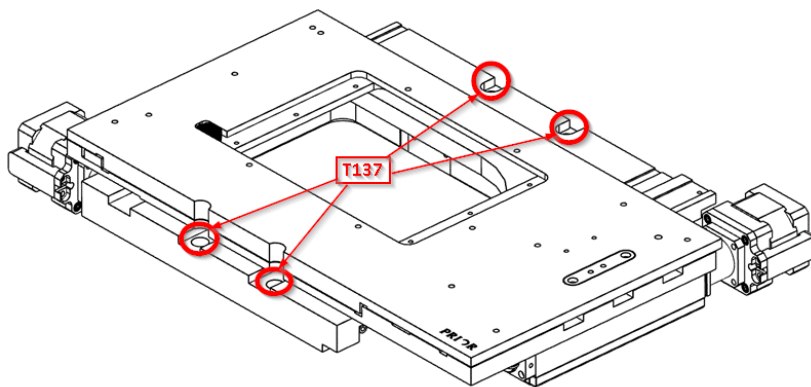
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T137	M5x20mm Screw Cap Head	4	Stage Screw

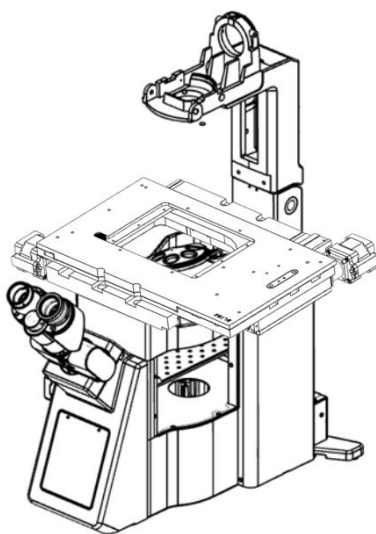
Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

The microscope has four screw holes, two at the front and two at the back. These must be aligned with the holes in the stage.

Screw the included 4x T137 screws into the mounting holes and secure them into the microscope



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H138AXIM Installation onto Zeiss Axio Examiner / AxioImager

Required Installation Accessories

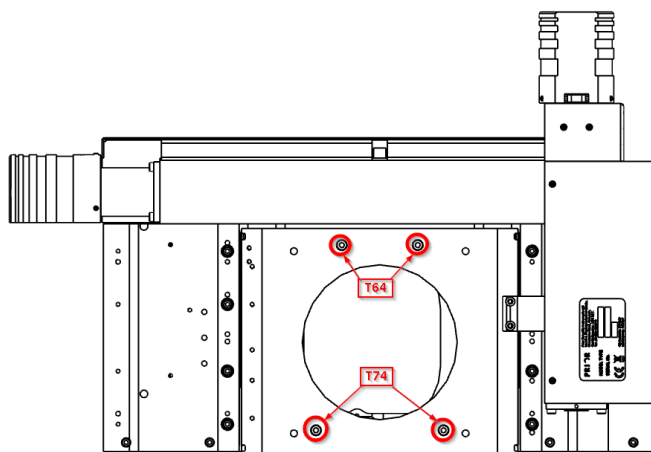
Part Number	Name	Quantity	Purpose
T64	M4x12mm Screw Cap Head	2	Stage Screw
T74	M4x16mm Screw Cap Head	2	Stage Screw

The microscope substage has four screw holes in a rectangular formation with the holes closer together at the front and further apart at the rear.

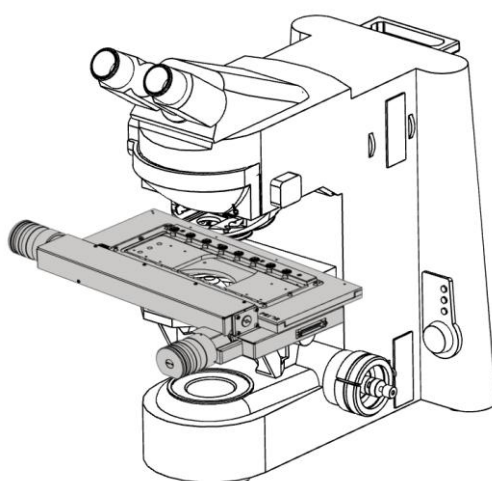
These must be aligned with the holes in the stage, pictured right.

Using the supplied 2xT64 for the front holes and 2x T74 screws for the rear holes, the stage must be attached to the microscope by screwing in the bolts **upwards through the substage**.

Secure each bolt fully before moving onto the next screw



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

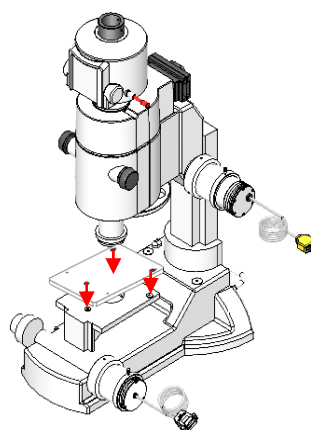
Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H138AZEP Installation onto Nikon AZ100

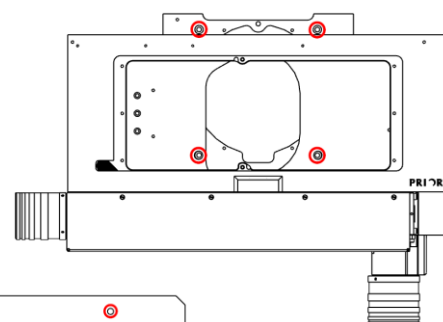
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T106	M5x10mm Screw Cap Head Screw	3	Adapter Plate Screw
H2949	H101A/ES111 Adapter Plate to AZ100	1	Adapter Plate
T159	M4x10mm Screw Cap Head Screw	4	Stage Screw

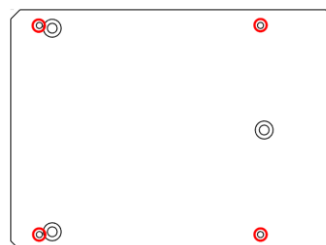
Attach the adapter plate onto the Epi stage mount as shown in the image to the right with the included T106 screws.



To attach the stage, connect the stage to the controller and move the stage to the front in the Y-axis to reveal the mounting holes.



Place the stage to align with the holes on the spacer and insert 4 x T159 screws.

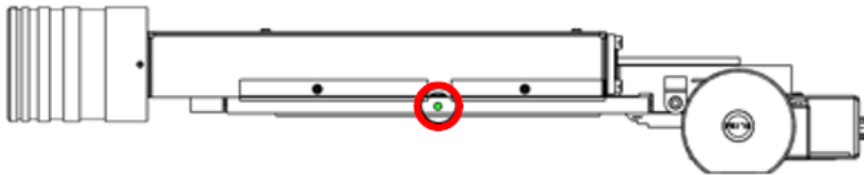


When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H138BX Installation onto Evident BX

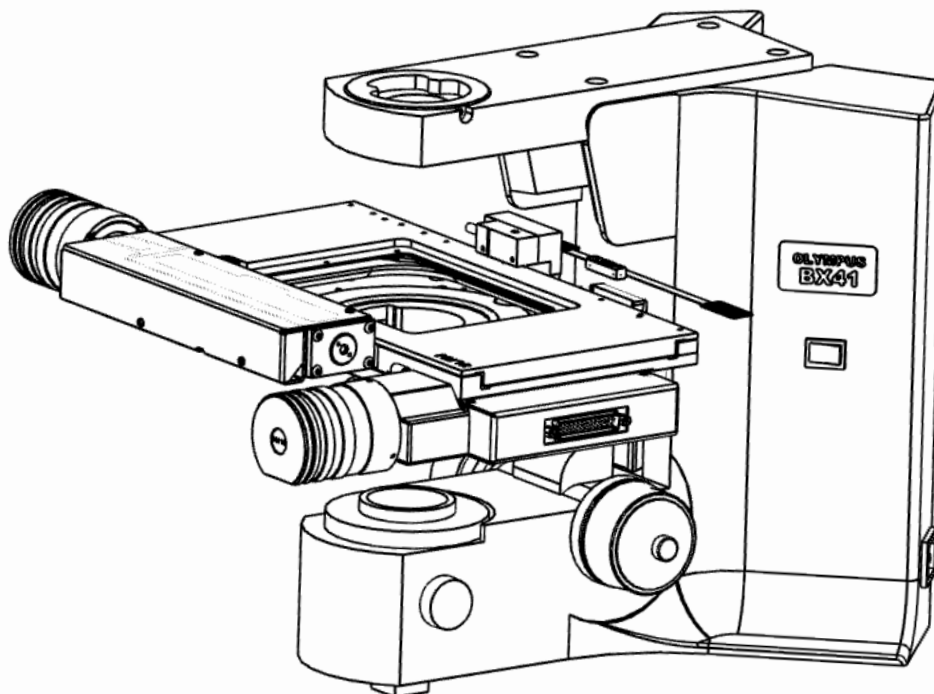
Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



Place the stage onto the microscope so that the aperture rests comfortably on the dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure while exerting gentle pressure from the back

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

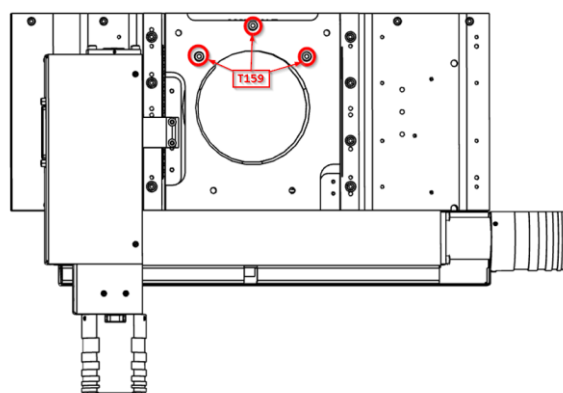
H138DMR Installation onto Leica DM6000

Required Installation Accessories

Part Number	Name	Quantity	Purpose
T159	M4x10mm Cap Head Screw	3	Stage Screw

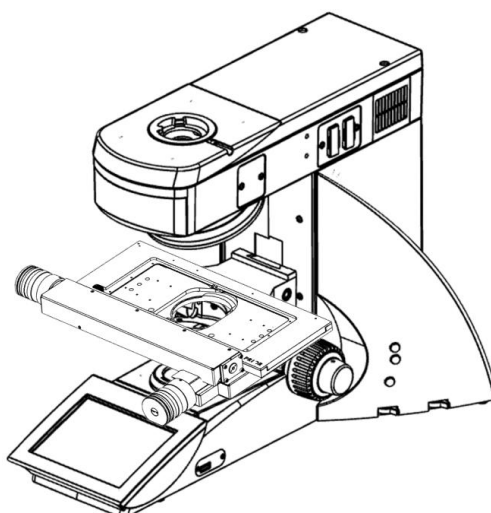
The microscope has three screw holes in a triangle shape on a protruding support.

These must be aligned with the holes in the stage, pictured to the right, with the 'point' of the triangle pointing towards the rear of the microscope.



Using the supplied T159 screws, the stage must be attached to the microscope by screwing in the bolts **upwards from underneath the substage**. Secure each bolt slightly to secure the stage in place before tightening the bolts fully.

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

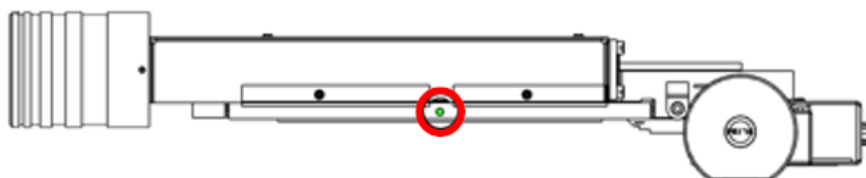
Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H138E50/H138E80 Installation onto Nikon Eclipse Ni/Ci



H138E50 will only attach to an SS substage, while the H138E80 will attach to SSR or SS substages.

Before beginning installation, ensure the below fixing screw is fully withdrawn and will not impede stage placement.



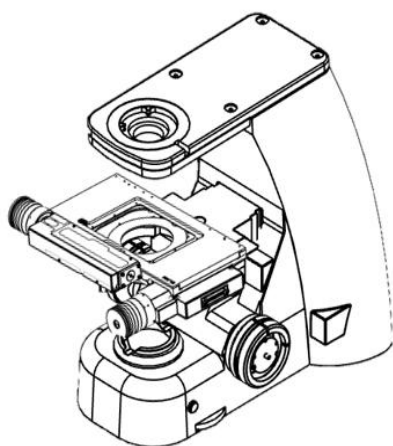
Place the stage onto the microscope so that the aperture rests comfortably on the Ni/Ci dovetail.

When the stage is seated, tighten the above fixing screw until the stage is secure.

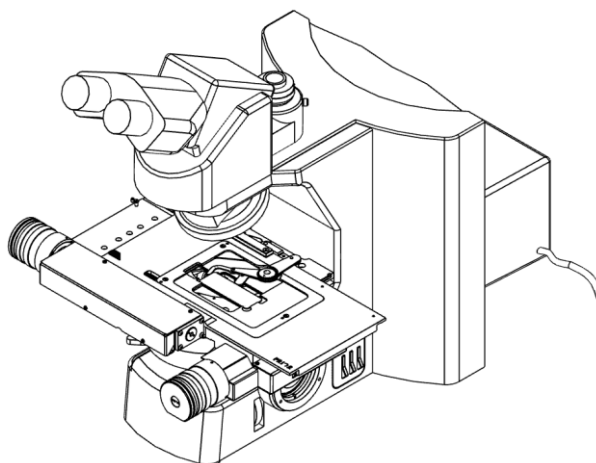
For H138E80 (SSR Substage) – Gently press the stage onto the microscope and screw the stage into place using the stage fixing screws present on the substage

The system will look like the image below when the stage is in correct position.

SS Substage



SSR Substage



When the stage is bolted into position, installation is complete.

Please refer to the Proscan III quick start guide for instructions on how to connect the stage with the controller and joystick.

H139N1N4 Installation onto Nikon Ti

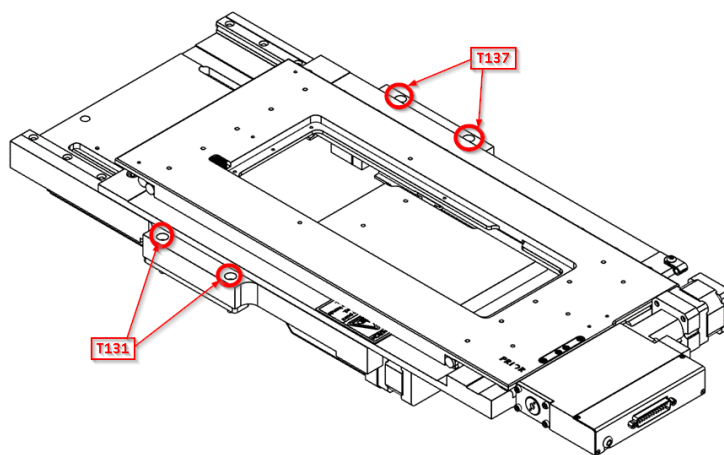
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T131	M5x25mm Screw Cap Head	2	Stage Screw
T137	M5x20mm Screw Cap Head	2	Stage Screw

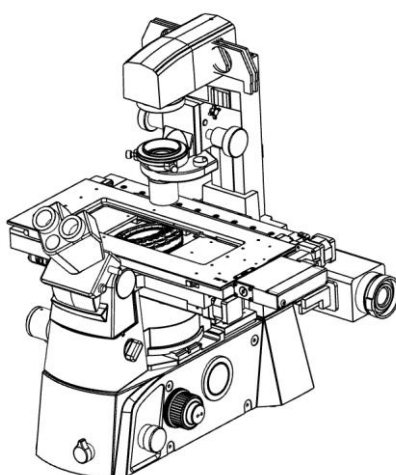
Move the stage in the Y axis to reveal the stage mounting holes and align the mounting holes with the microscope mounting points.

The microscope has four screw holes, two at the front and two at the back. These must be aligned with the holes in the stage.

Screw the included 2x T131 screws into the front mounting holes, 2x T137 screws in the rear mounting holes and secure them into the microscope



The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

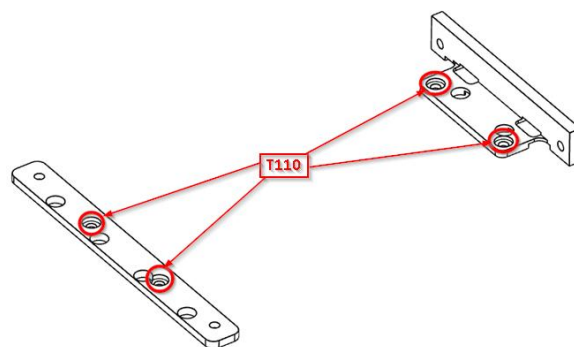
H139N1XD Installation onto Evident IX

Required Installation Accessories

Part Number	Name	Quantity	Purpose
T224	M5x8mm Screw Cap Head	2	Front Stage Screw
T110	M5x12mm Socket Button Head	4	Spacer Screws
T149	M5x12mm Screw Cap Head	2	Rear Stage Screw

A set of brackets will come with the stage. They must be attached to the microscope before the stage can be attached.

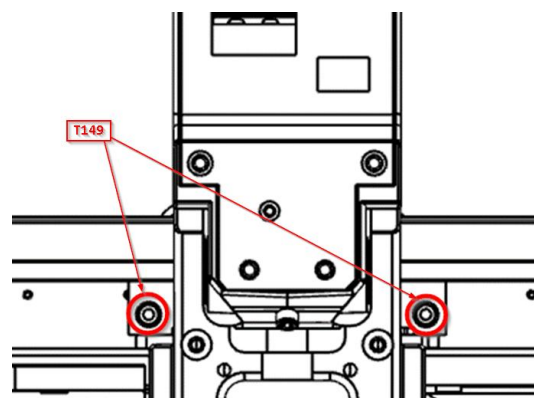
The front bracket is flat and the rear bracket protrudes upwards. These should be screwed downwards into the bracket holes with the 4x T110 screws



With the brackets in place, gently lower the stage onto the microscope, ensuring that the screw holes on the microscope and stage align while maintaining the correct orientation.

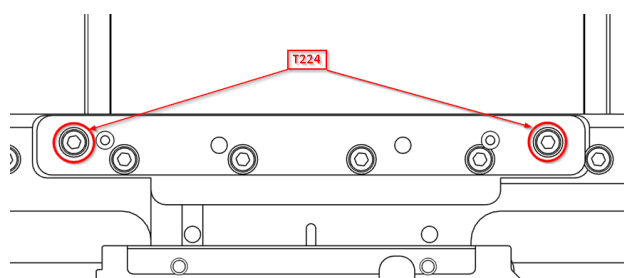
Starting with the rear bracket, it will be necessary to access the rear of the stage. Using an Allen Key, screw the supplied 2x T149 bolts **horizontally** into the stage, through the bracket, until the bolt is tight.

Ensure the stage is stable throughout this process. It may be necessary for a second person to assist in handling.



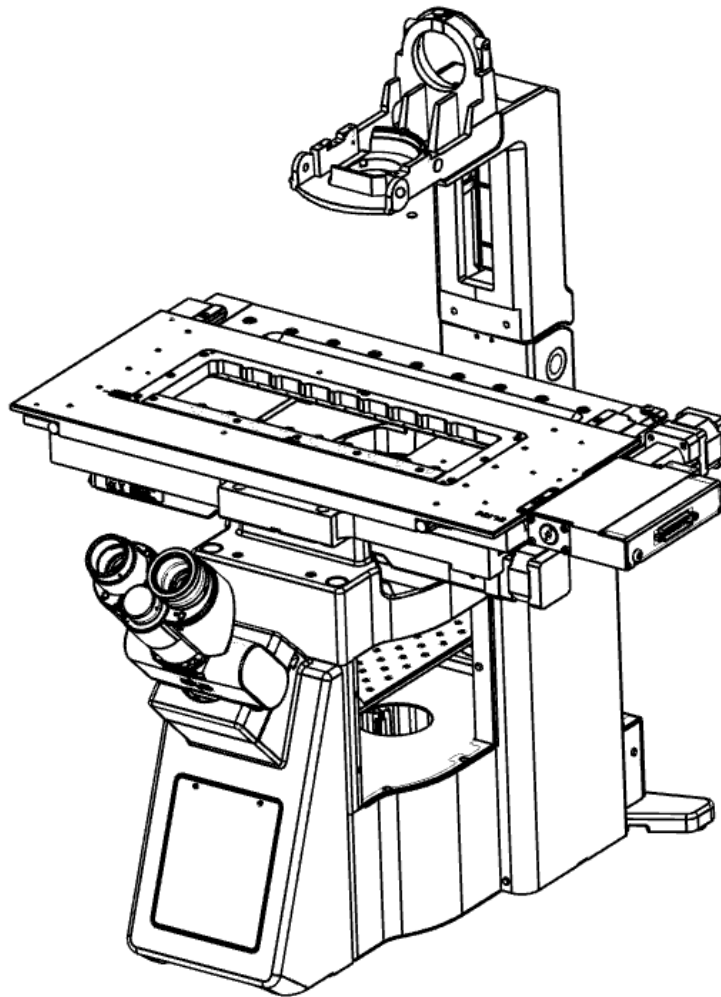
The front bracket must be approached from below. Once the rear bracket has secured the stage, return to the front and look directly underneath the stage.

The supplied 2x T224 bolts on both sides of the bracket must be fastened **upwards into the stage**.



H139N1XD Installation onto Evident IX

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

HLD117IX Installation onto Evident IX83

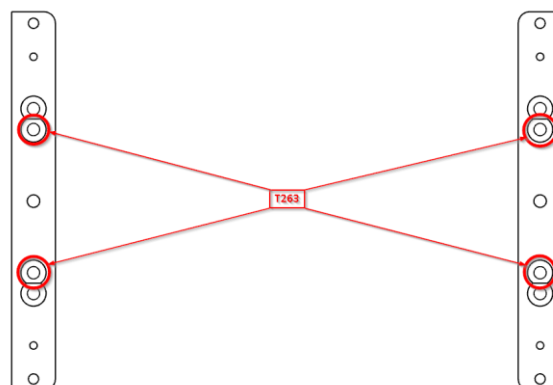
Required Installation Accessories

Part Number	Name	Quantity	Purpose
T263	M5x10mm Countersunk	4	Adapter Screw
H4022	Clamp Strip (IX + Nikon)	2	Adapter
T316	M4x8mm Screw Cap Head	4	Stage Screw

To attach the stage to the microscope, a spacer is required for each side and is supplied with the stage.

These spacers should be applied with the **IX3 label facing down** towards the microscope and oriented so that **curved corners face the centre of the stage**.

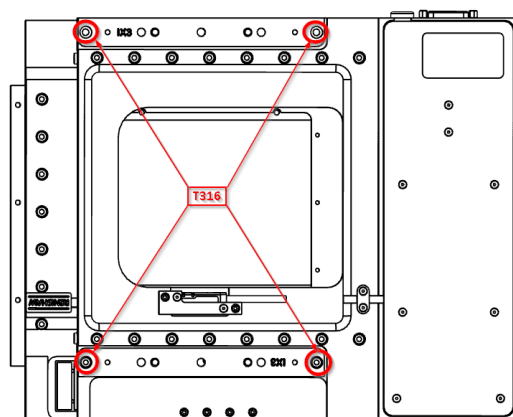
They should then be screwed **downwards** with the countersunk screws until the spacers are secure.



Gently place the stage on top of the microscope, lining up the screw holes with the spacers. It may be necessary for a second person to assist in ensuring the stages stability during this process

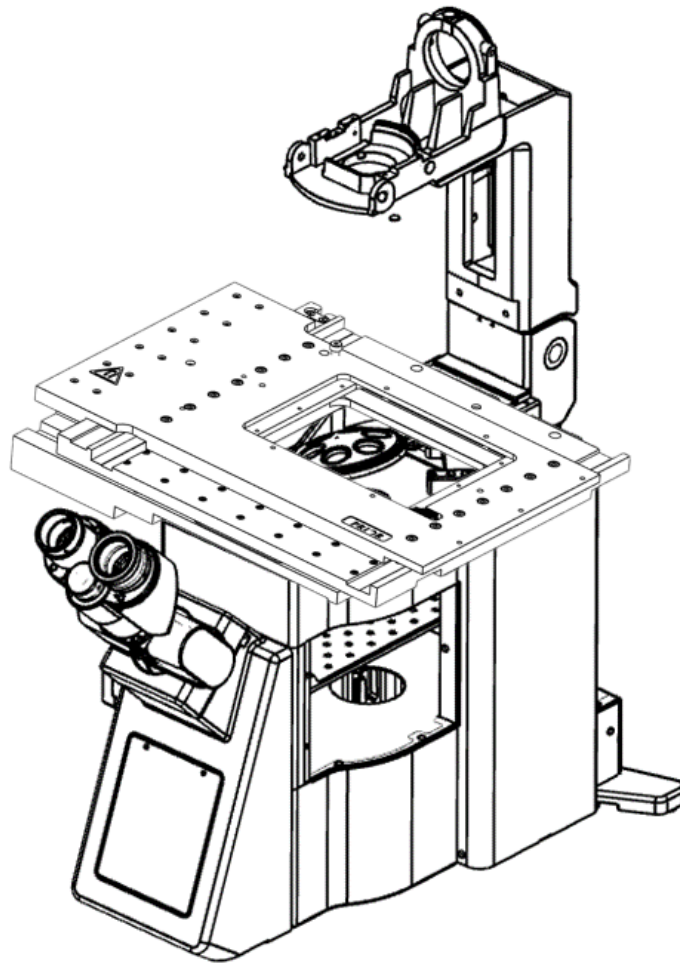
The stage must be attached to the microscope by screwing in the supplied T316 screws **upwards**.

Screw each bolt in slightly to secure the stage in place before tightening the bolts fully.



HLD117IX Installation onto Evident IX83

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

HLD117NN Installation onto Nikon Ti/Ti2

Required Installation Accessories

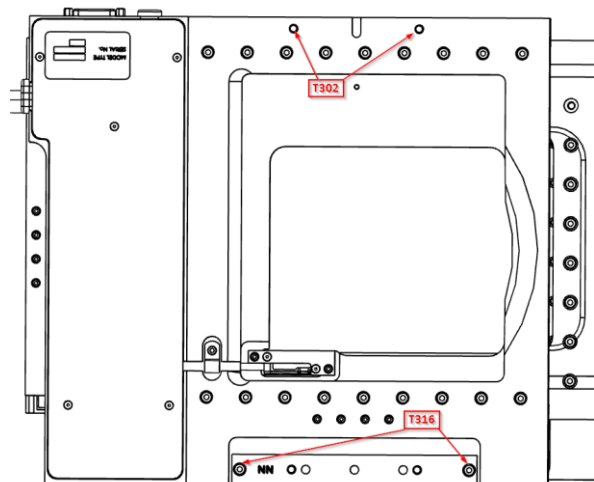
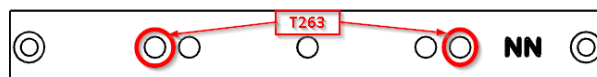
Part Number	Name	Quantity	Purpose
T263	M5x10mm Countersunk Screw	2	Adapter Screw
T302	M5x20mm Screw Cap Head	2	Stage Screw
H4194	Clamp Strip (Nikon)	1	Adapter
T316	M4x8mm Screw Cap Head	2	Stage Screw

To attach the stage to the microscope, a spacer is required for each side and is supplied with the stage.

This spacer attaches to the front screw holes with **the 'NN' facing downwards** by using the supplied 2xT263 screws.

With the spacer now in place, gently place the stage on top of the microscope, lining up the screw holes with the rear screw holes and the screw holes with the two holes on the front spacer.

It may be necessary for a second person to assist in ensuring the stages stability during this process

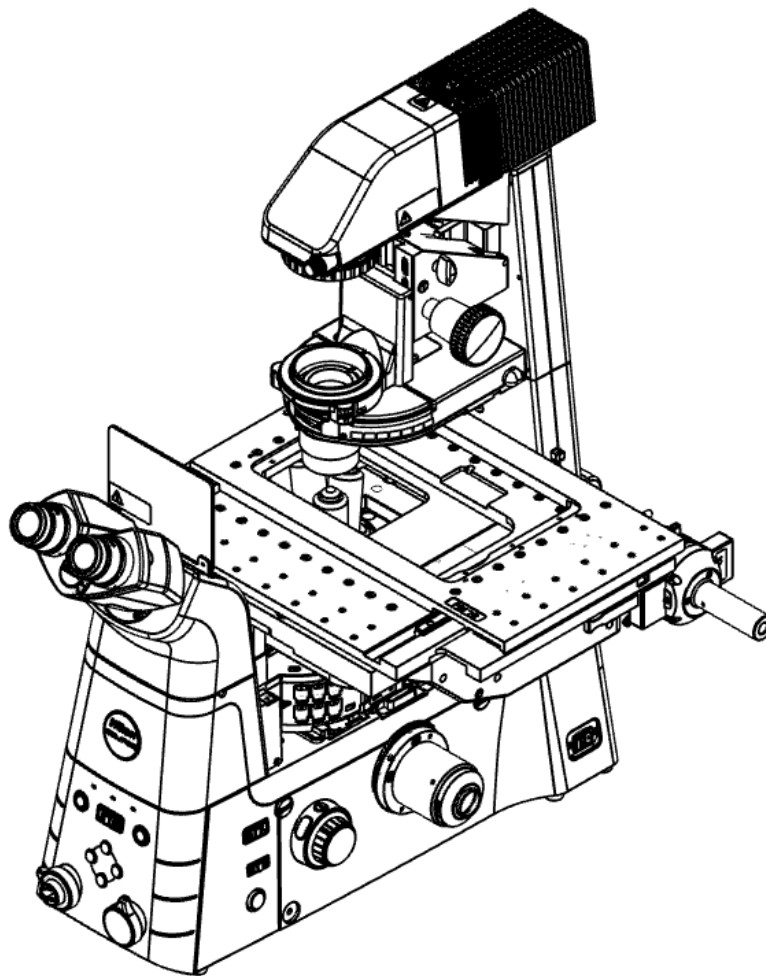


The stage must be attached to the microscope by screwing in the supplied bolts. Screw each bolt in slightly to secure the stage in place before tightening the bolts fully.

The front screws, 2x T316, should screw **upwards** into the stage while the rear screws, 2x T302, screw **downwards**.

HLD117NN Installation onto Nikon Ti/Ti2

The system will look like the image below when the stage is in correct position.



When the stage is bolted into position, installation is complete.

Please refer to the ProScan III quick start guide for instructions on how to connect the stage with the controller and joystick.

About Prior Scientific

Prior Scientific has manufactured precision optical and electromechanical equipment and instrumentation for over 100 years.

As the leader in the development of systems for precision motion control and microscope automation, we work closely with our partners and customers to develop customized optical and automation systems as well as providing a wide range of standard microscopy components.

We partner with system integrators and OEMs to develop prototypes, custom-built products, and complete imaging system solutions according to individual customer requirements for a variety of applications. Our integrated design and manufacturing facilities enable us to seamlessly transition from concepts to production systems.

Typical applications for our products are found in photonics, life science research, material science, nanotechnology, medical devices, metrology, and semiconductor manufacturing.

Our mission

We understand that every problem requires a unique approach. Our team works closely with customers and partners to identify their specific needs and design a cost-effective and tailored solution that meets their unique requirements. We continue to push scientific boundaries and constantly build on and improve our expertise in automated precision optical and mechanical systems.

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