

INSTALLATION INSTRUCTIONS

EASYFLEX®

OGSB-02 BRACKET FOR SUSPENDED CEILINGS



REQUIRED SYSTEM PARTS

- Flexible Hose
- OGSB One Piece Bracket

REQUIRED TOOLS

- Pipe Wrench
- PTFE Tape

 WARNING

- You must read and understand all instructions and warnings before attempting to install any Easyflex sprinkler drops system components.
- Failure to follow these instructions could cause improper operation resulting in serious injury or worse if person or property.
- We recommend wearing safety glasses, a hard hat, and foot protection during installation.

INSTALLATION STEPS

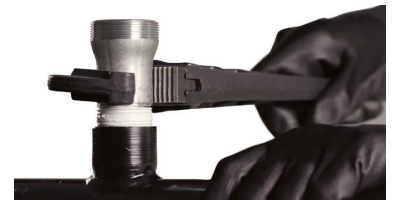
1. Inspect the Easyflex sprinkler drop system components for any sign of physical damage. Make sure all components are included and in the proper order.



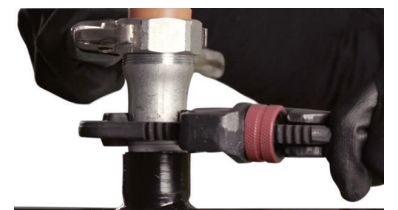
2. Disconnect the inlet nipple and outlet reducer from the flexible hose and check that a sealing gasket is in each place properly. Reconnect outlet reducer to the flexible hose.



3. Per the manufacturer's instructions, apply PTFE tape on the inlet nipple thread. Use a pipe wrench to connect inlet nipple to the branch line. Make sure both end threads are clean without any damage.



4. Use the pipe wrench to connect the flexible hose to the inlet nipple. Torque range should be a minimum of 50 to a maximum of 58 ft-lbs.



DO NOT use PTFE tape on the inlet nipple thread to connect to the flexible hose.

INSTALLATION INSTRUCTIONS**EASYFLEX****OGSB-02 BRACKET FOR SUSPENDED CEILINGS****INSTALLATION STEPS**

5. Place the OGSB-02 at the desired position on the ceiling grid.



6. Once OGSB-02 is positioned, tighten the wing bolts to secure onto the grid.



7. When securely latched on, open the center bracket gate and load the hose.



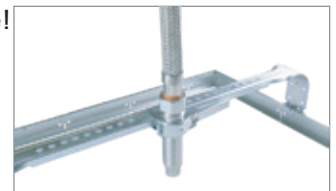
8. Close the gate of the center bracket from left to right.



9. Firmly push the lever toward the stock bar to secure the flexible drop.

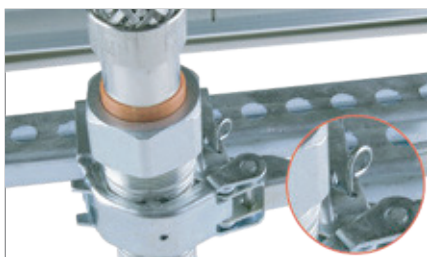


10. Installation is complete!

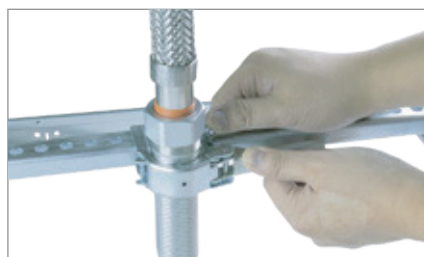
**Guidelines for ceiling tile installation after Easyflex flexible hose and OGSB02 have been installed**

- Height of the t-bar needs to be equal or greater than 1-3/8"
- Cut the largest recommended hole from the sprinkler manufacturer's installation instructions (a size that escutcheon will still cover)
- #1 square bits are recommended when maximizing the tightening of wingnuts towards the t-bar to create more room for tile installation
- Evaluate the installation with concealed sprinkler if ceiling tile thickness is greater than 3/4"

When it is necessary to re-position the flexible drop, follow the below steps to release the center gate.



Locate the ring-shaped release pin on the bracket.



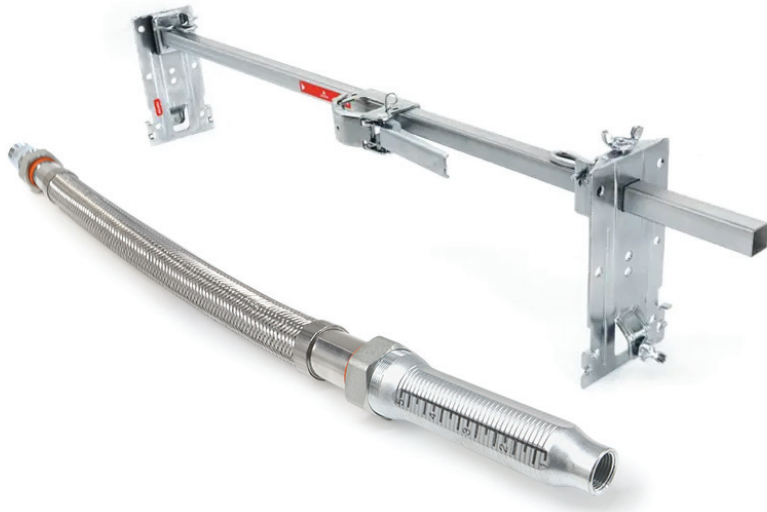
Gently press the lever and push the release pin.



Pull the lever until the gate opens.

INSTALLATION INSTRUCTIONS

EASYFLEX®

OTBSL-PA BRACKET FOR SUSPENDED AND HARD-LID CEILINGS**REQUIRED SYSTEM PARTS**

- Flexible Hose
- OTBSL-PA Pre-assembled Bracket

REQUIRED TOOLS

- Pipe Wrench, Screwdriver, Allen Wrench (3mm)
- PTFE Tape

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INSTALLATION STEPS

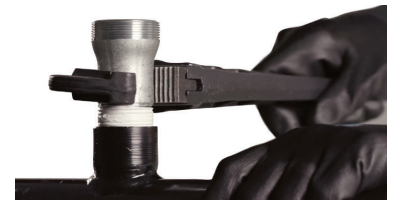
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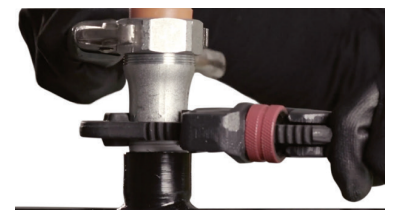
2. Disconnect the inlet nipple and outlet reducer from the flexible hose and check that a sealing gasket is in each place properly. Reconnect outlet reducer to the flexible hose.



3. Per the manufacturer's instructions, apply PTFE tape on the inlet nipple thread. Use a pipe wrench to connect inlet nipple to the branch line. Make sure both end threads are clean without any damage.



4. Use the pipe wrench to connect the flexible hose to the inlet nipple. Torque range should be a minimum of 50 to a maximum of 58 ft-lbs.

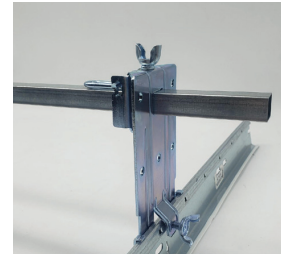


DO NOT use PTFE tape on the inlet nipple thread to connect to the flexible hose.

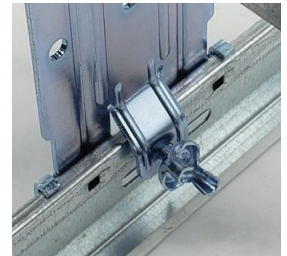
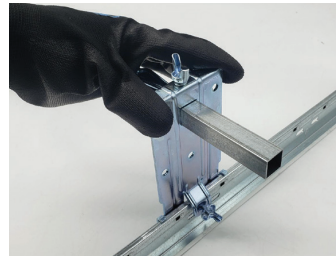
INSTALLATION INSTRUCTIONS**EASYFLEX®****OTBSL-PA BRACKET FOR SUSPENDED CEILINGS / ON THE T-BAR GRIDS****INSTALLATION STEPS**

5. Place the OTBSL-PA bracket in the desired position on the ceiling grids.

If the distance between the T-bar grids is smaller or bigger than 24", loosen the wing bolt and lever on the adjustable end bracket and adjust the width.



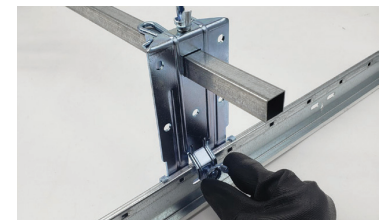
6. Press the bracket down against the T-bar grid to position the leg of the bracket to be fully seated on the grid without any spacing.



7. Tighten the wing bolts to secure the end brackets onto the grid. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).

 **DO NOT** over tighten the wing bolt with tools. This may cause damage to the wing bolt.

Make sure to latch down the lever and tighten the top wing bolt on the end bracket. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).



8. Press the release pin and open the center bracket. Load the flex hose at the appropriate height position, based on the type of sprinkler head being used.

Close the gate of the center bracket from left to right, and firmly push the lever towards the stock bar until it clicks to secure the outlet reducer.

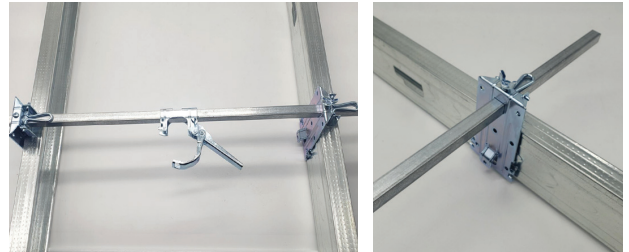


9. Verify the location marking on the outlet reducer and match the outlet location for the remaining head installations.

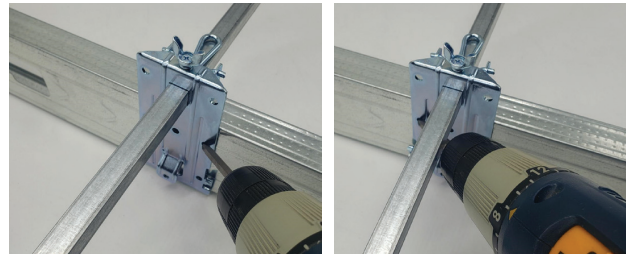


INSTALLATION INSTRUCTIONS**EASYFLEX®****OTBSL-PA BRACKET FOR HARD-LID CEILINGS / SIDE-MOUNT INSTALLATION****INSTALLATION STEPS**

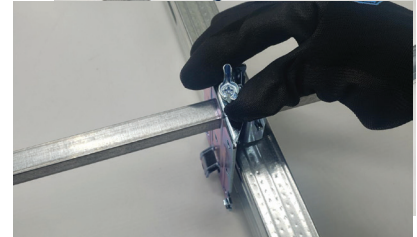
5. Loosely assemble the adjustable end bracket based on the distance between the metal studs. Place OTBSL-PA on the side of the metal studs.



6. Secure OTBSL-PA on the metal studs using 4 metal screws on each end brackets and fully penetrate through the framing. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN·m).



7. Latch down the lever and tighten the top wing bolt on the adjustable end bracket to secure the end bracket onto the stock bar. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN·m).



8. Press the release pin and open the center bracket. Load the flex hose on the proper height position in accordance with the type of sprinkler head used.

Close the gate of the center bracket from left to right and firmly push the lever towards the stock bar until it clicks to secure the outlet reducer.

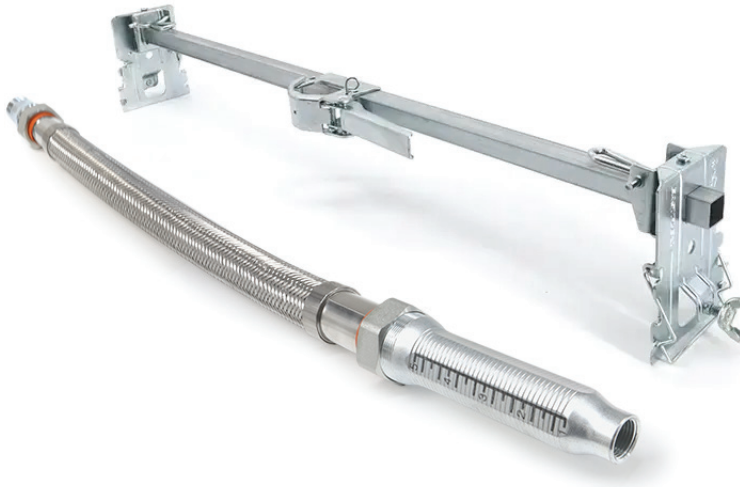


9. Verify the location marking on the outlet reducer and match the outlet location for the remaining head installations.



INSTALLATION INSTRUCTIONS

EASYFLEX®

TBS BRACKET FOR SUSPENDED AND HARD-LID CEILINGS

REQUIRED SYSTEM PARTS

- Flexible Hose (Braided / Unbraided)
- TBS End Brackets, SSB or OSSB, SQ 25 or 50

REQUIRED TOOLS

- Pipe Wrench
- PTFE Tape

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- Failure to follow these instructions could cause improper operation resulting in serious injury or worse if person or property.
- We recommend wearing safety glasses, a hard hat, and foot protection during installation.

INSTALLATION STEPS

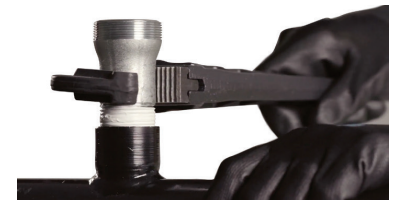
1. Inspect the Easyflex sprinkler drop system components for any sign of physical damage. Make sure all components are included and in the proper order.



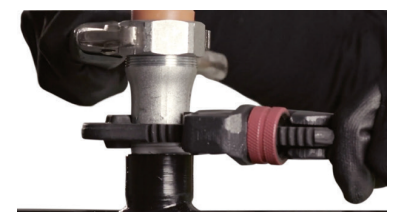
2. Disconnect the inlet nipple and outlet reducer from the flexible hose and check that a sealing gasket is in each place properly. Reconnect outlet reducer to the flexible hose.



3. Per the manufacturer's instructions, apply PTFE tape on the inlet nipple thread. Use a pipe wrench to connect inlet nipple to the branch line. Make sure both end threads are clean without any damage.



4. Use the pipe wrench to connect the flexible hose to the inlet nipple. Torque range should be a minimum of 50 to a maximum of 58 ft-lbs.



DO NOT use PTFE tape on the inlet nipple thread to connect to the flexible hose.

INSTALLATION INSTRUCTIONS**EASYFLEX****TBS BRACKET FOR SUSPENDED AND HARD-LID CEILINGS****INSTALLATION STEPS**

5. Attach TBS mounting bracket to the T-bar ceiling grid. Fasten TBS bracket into the T-bar ceiling grid until the clip is fully latched onto the T-Bar. Hand tighten the wing bolt on the TBS bracket to tightly secure on the grid. Insert stock bar into the TBS mounting brackets.

⚠ DO NOT over tighten the wing bolt with tools. This may cause damage to the wing bolt.



6. Insert stock bar (SQ 25 or SQ 50) through the SSB center snap clamp bracket.



7. Hand tighten the wing bolt on the TBS bracket to tightly secure on the grid. Adjust the stock bar for proper position and push the levers in the TBS brackets towards the inside of the configuration to secure with stock bar.



8. Place the SSB center bracket at the desired position and insert the outlet reducer from the flexible hose into the SSB. Adjust height for proper position and push down the lever of the SSB to secure the hose in place.



9. Install sprinkler head.
Use PTFE tape or a non-hardening pipe-joint compound. Refer to the NFPA guidelines and sprinkler head manufacturer's installation instructions for proper installation.



INSTALLATION INSTRUCTIONS

EASYFLEX®

OTBSS-PA BRACKET FOR SUSPENDED CEILINGS / LOW-PROFILE



REQUIRED SYSTEM PARTS

- Flexible Hose
- OTBSS-PA-24 Pre-assembled Bracket

REQUIRED TOOLS

- Pipe Wrench, Screwdriver, Allen Wrench (3mm)
- PTFE Tape

 WARNING

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- We recommend wearing safety glasses, a hard hat, and foot protection during installation.

INSTALLATION STEPS

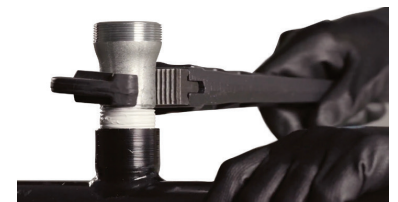
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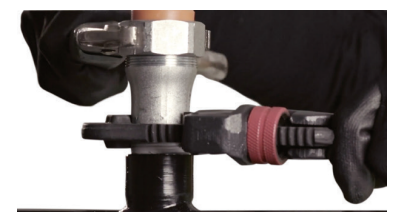
2. Disconnect the inlet nipple and outlet reducer from the flexible hose and check that a sealing gasket is in each place properly. Reconnect outlet reducer to the flexible hose.



3. Per the manufacturer's instructions, apply PTFE tape on the inlet nipple thread. Use a pipe wrench to connect inlet nipple to the branch line. Make sure both end threads are clean without any damage.



4. Use the pipe wrench to connect the flexible hose to the inlet nipple. Torque range should be a minimum of 50 to a maximum of 58 ft-lbs.



DO NOT use PTFE tape on the inlet nipple thread to connect to the flexible hose.

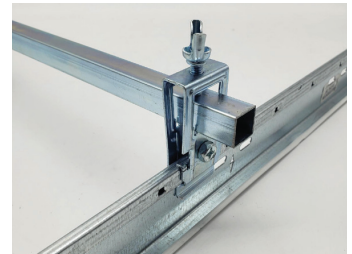
INSTALLATION INSTRUCTIONS**EASYFLEX®****OTBSS-PA BRACKET FOR SUSPENDED CEILINGS / LOW-PROFILE****INSTALLATION STEPS**

5. Place the OTBSS-PA-24 bracket in the desired position on the ceiling grids.

If the distance between the T-bar grids is smaller or bigger than 24", loosen the wing bolt on the adjustable end bracket and adjust the width.

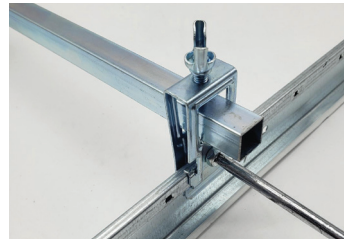


6. Press the bracket down against the T-bar grid to position the leg of the bracket to be fully seated on the grid without any spacing.



7. Tighten the hex bolts to secure the end brackets onto the grid. The recommended torque is 1.70–1.77 ft-lbs (230–240 cN • m).

Make sure to tighten the top wing bolt on the adjustable end bracket. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).



8. Press the release pin and open the center bracket. Load the flex hose at the appropriate height position, based on the type of sprinkler head being used.

Close the gate of the center bracket from left to right, and firmly push the lever towards the stock bar until it clicks to secure the outlet reducer.



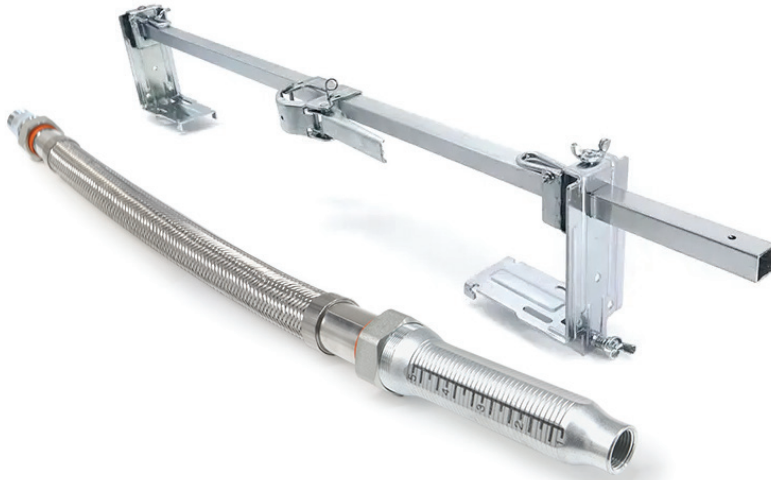
9. Verify the location marking on the outlet reducer and match the outlet location for the remaining head installations.



INSTALLATION INSTRUCTIONS

EASYFLEX®

OHCB-PA BRACKET FOR HAT FURRING CHANNELS



REQUIRED SYSTEM PARTS

- Flexible Hose
- HCB Pre-assembled Bracket

REQUIRED TOOLS

- Pipe Wrench, Screwdriver, Allen Wrench (3mm)
- PTFE Tape

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- We recommend wearing safety glasses, a hard hat, and foot protection during installation.

INSTALLATION STEPS

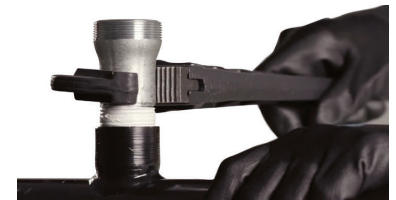
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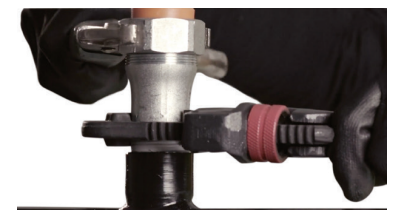
2. Disconnect the inlet nipple and outlet reducer from the flexible hose and check that a sealing gasket is in each place properly. Reconnect outlet reducer to the flexible hose.



3. Per the manufacturer's instructions, apply PTFE tape on the inlet nipple thread. Use a pipe wrench to connect inlet nipple to the branch line. Make sure both end threads are clean without any damage.



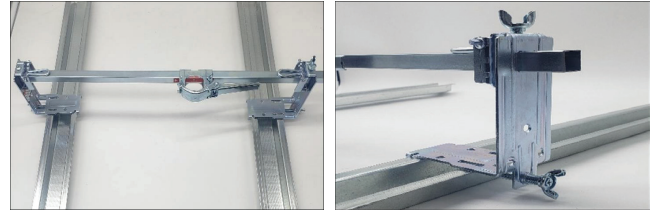
4. Use the pipe wrench to connect the flexible hose to the inlet nipple. Torque range should be a minimum of 50 to a maximum of 58 ft-lbs.



DO NOT use PTFE tape on the inlet nipple thread to connect to the flexible hose.

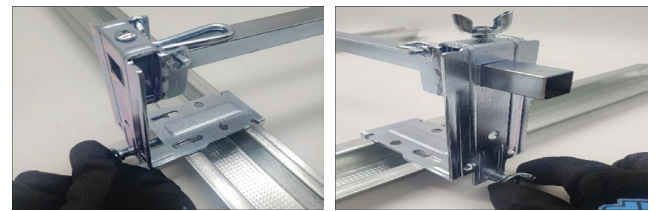
INSTALLATION INSTRUCTIONS**EASYFLEX®****OHCB-PA BRACKET FOR HAT FURRING CHANNELS****INSTALLATION STEPS**

5. Loosely assemble the adjustable end bracket based on the distance between the hat furring channels. Attach the HCB bracket to the hat furring channels. Ensure the leg of each end bracket is properly engaged to the hat furring channels.

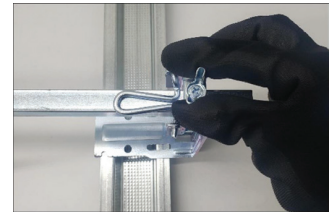


6. Tighten the wing bolts to secure the end brackets onto the hat furring channels. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).

 DO NOT over tighten the wing bolt with tools. This may cause damage to the wing bolt.



7. Latch down the lever and tighten the top wing bolt on the adjustable end bracket to secure it onto the stock bar. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).



8. Tighten two sheet metal screws on each end of the bracket, making sure to fully penetrate the hat furring channel. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).

Ensure the bottom wing bolts on both ends of the bracket are fully tightened.



9. Press the release pin and open the center bracket. Load the flex hose at the proper height position in accordance with the type of sprinkler head being used.

Close the gate of the center bracket from left to right and firmly push the lever toward the stock bar until it clicks to secure the outlet reducer.



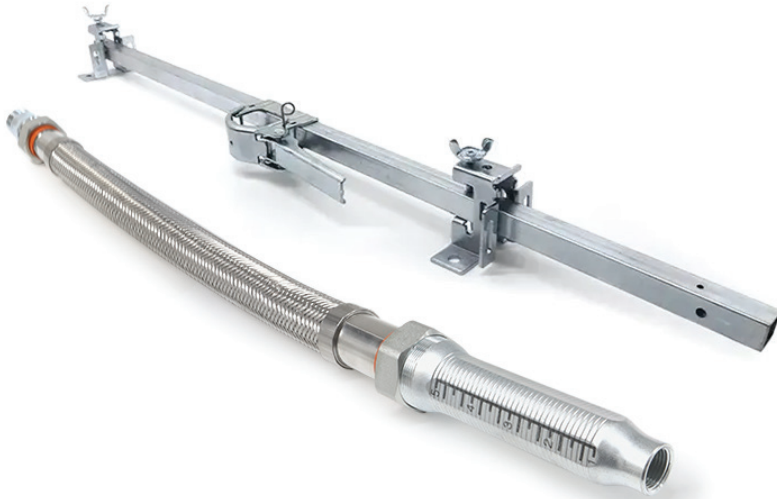
10. Verify the location marking on the outlet reducer and match the outlet location for the remaining head installations.



INSTALLATION INSTRUCTIONS

EASYFLEX®

OWMSB-PA BRACKET FOR HARD-LID CEILINGS



REQUIRED SYSTEM PARTS

- Flexible Hose
- OWMSB-PA Pre-assembled Bracket

REQUIRED TOOLS

- Pipe Wrench, Screwdriver, Allen Wrench (3mm)
- PTFE Tape

 WARNING

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INSTALLATION STEPS

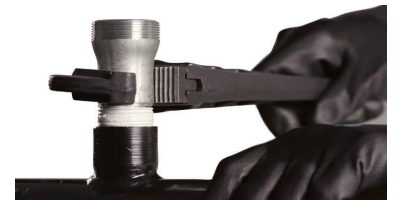
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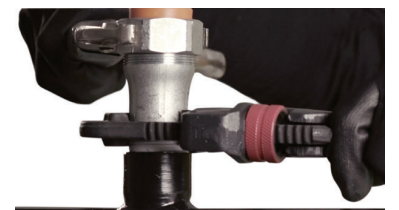
2. Disconnect the inlet nipple and outlet reducer from the flexible hose and check that a sealing gasket is in each place properly. Reconnect outlet reducer to the flexible hose.



3. Per the manufacturer's instructions, apply PTFE tape on the inlet nipple thread. Use a pipe wrench to connect inlet nipple to the branch line. Make sure both end threads are clean without any damage.



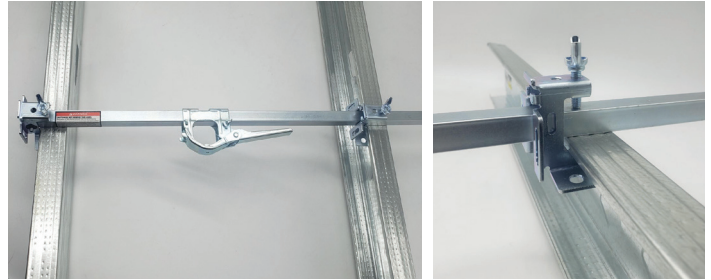
4. Use the pipe wrench to connect the flexible hose to the inlet nipple. Torque range should be a minimum of 50 to a maximum of 58 ft-lbs.



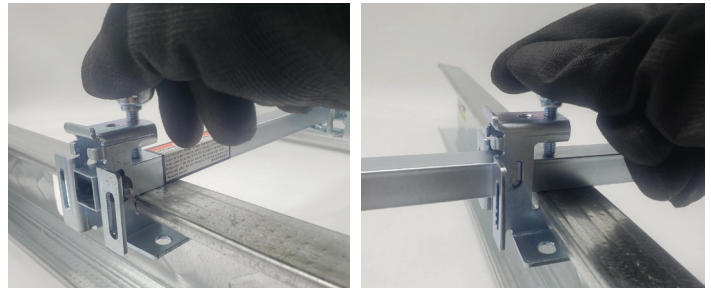
DO NOT use PTFE tape on the inlet nipple thread to connect to the flexible hose.

INSTALLATION INSTRUCTIONS**EASYFLEX®****OWMSB-PA BRACKET FOR HARD-LID CEILINGS / FLANGE-ENGAGED INSTALLATION****INSTALLATION STEPS**

5. Loosely assemble the adjustable end bracket based on the distance between the metal studs. Place OWMSB-PA on the metal studs.



6. Install OWMSB-PA on the metal studs. Ensure that the slot on each OWMSB end bracket is fully engaged with the metal studs and tighten the top wing bolts to secure the bracket. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).



7. Press the release pin and open the center bracket. Load the flex hose on the proper height position in accordance with the type of sprinkler head used.

Close the gate of the center bracket from left to right and firmly push the lever towards the stock bar until it clicks to secure the outlet reducer.



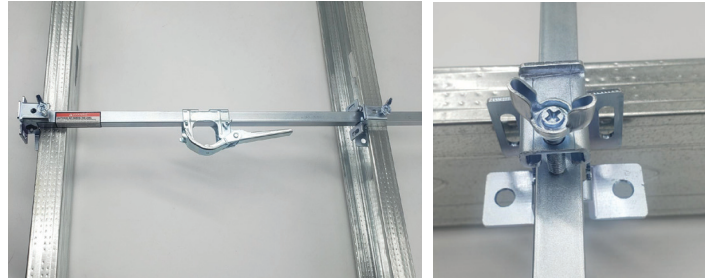
8. Verify the location marking on the outlet reducer and match the outlet location for the remaining head installations.



INSTALLATION INSTRUCTIONS**EASYFLEX®****OWMSB-PA BRACKET FOR HARD-LID CEILINGS / SIDE-MOUNT INSTALLATION****INSTALLATION STEPS**

5. Loosely assemble the adjustable end bracket based on the distance between the metal studs.

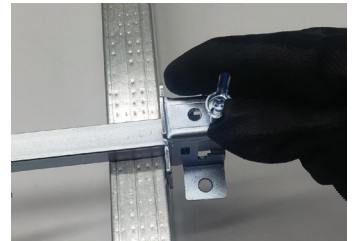
Place OWMSB-PA on the side of the metal studs.



6. Secure OWMSB-PA on the metal studs using 2 screws on each end bracket.
The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).



7. Tighten the top wing bolt on both end brackets to secure the end brackets onto the stock bar.
The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).



8. Press the release pin and open the center bracket.
Load the flex hose on the proper height position in accordance with the type of sprinkler head used.

Close the gate of the center bracket from left to right and firmly push the lever towards the stock bar until it clicks to secure the outlet reducer.



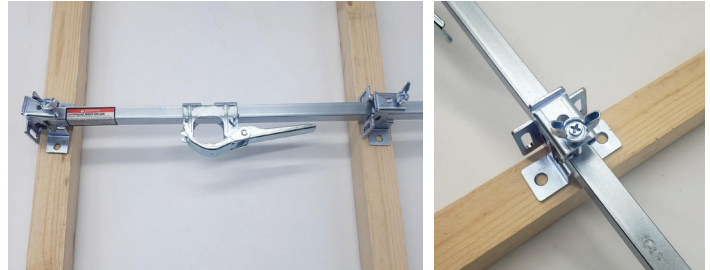
9. Verify the location marking on the outlet reducer and match the outlet location for the remaining head installations.



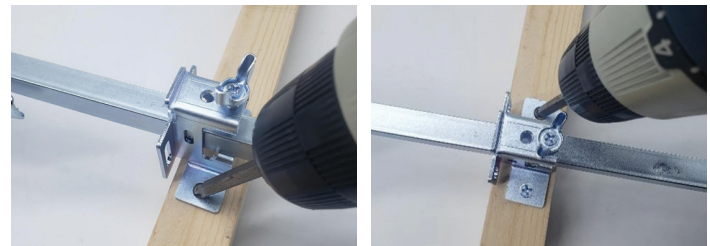
INSTALLATION INSTRUCTIONS**EASYFLEX****OWMSB-PA BRACKET FOR HARD-LID CEILINGS / TOP-MOUNT INSTALLATION****INSTALLATION STEPS**

5. Loosely assemble the adjustable end bracket based on the distance between the wood joists.

Place OWMSB-PA on the flat surface of wood joists.



6. Secure OWMSB-PA on the wood joists using 2 screws on each end bracket and fully penetrate through the framing. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN • m).



7. Tighten the top wing bolt on both end brackets to secure the end brackets onto the stock bar. The recommended torque is 1.40–1.48 ft-lbs (190–200 cN•m).



8. Press the release pin and open the center bracket. Load the flex hose on the proper height position in accordance with the type of sprinkler head used.

Close the gate of the center bracket from left to right and firmly push the lever towards the stock bar until it clicks to secure the outlet reducer.



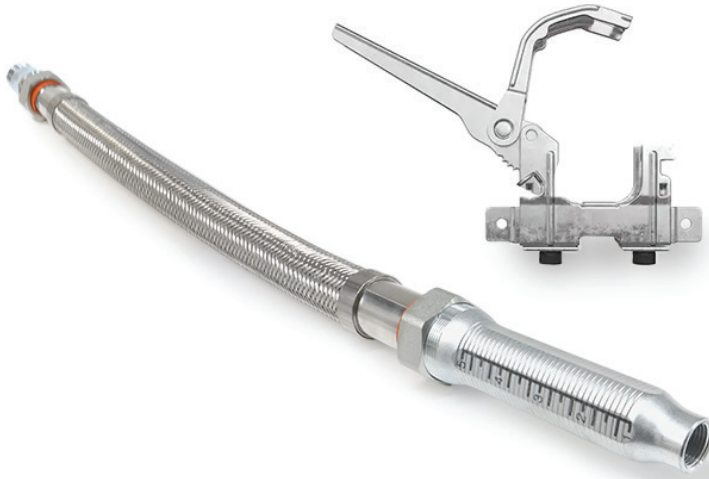
9. Verify the location marking on the outlet reducer and match the outlet location for the remaining head installations.



INSTALLATION INSTRUCTIONS

EASYFLEX®

OSSBW INSTITUTIONAL SIDEWALL AND SURFACE-MOUNT BRACKET



REQUIRED SYSTEM PARTS

- Flexible Hose
- OSSBW Bracket

REQUIRED TOOLS

- Pipe Wrench
- PTFE Tape

 WARNING

- You must read and understand all instructions and warnings before attempting to install any Easyflex sprinkler drops system components.
- Failure to follow these instructions could cause improper operation resulting in serious injury or worse if person or property.
- We recommend wearing safety glasses, a hard hat, and foot protection during installation.

INSTALLATION STEPS

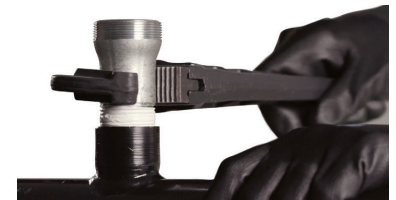
1. Inspect the Easyflex sprinkler drop system components for any sign of physical damage. Make sure all components are included and in the proper order.



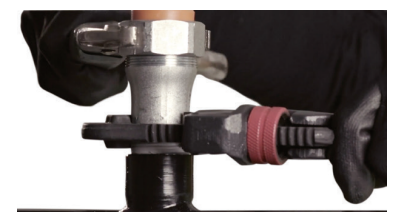
2. Disconnect the inlet nipple and outlet reducer from the flexible hose and check that a sealing gasket is in each place properly. Reconnect outlet reducer to the flexible hose.



3. Per the manufacturer's instructions, apply PTFE tape on the inlet nipple thread. Use a pipe wrench to connect inlet nipple to the branch line. Make sure both end threads are clean without any damage.



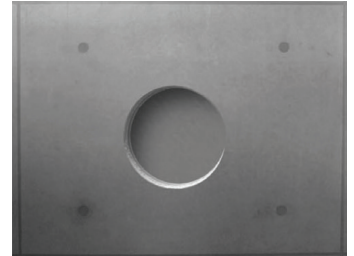
4. Use the pipe wrench to connect the flexible hose to the inlet nipple. Torque range should be a minimum of 50 to a maximum of 58 ft-lbs.



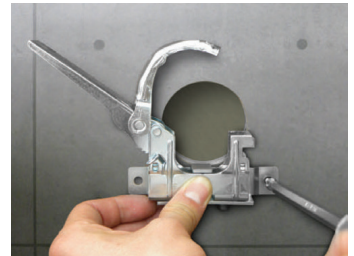
DO NOT use PTFE tape on the inlet nipple thread to connect to the flexible hose.

INSTALLATION INSTRUCTIONS**EASYFLEX®****OSSBW INSTITUTIONAL SIDEWALL AND SURFACE-MOUNT BRACKET****INSTALLATION STEPS**

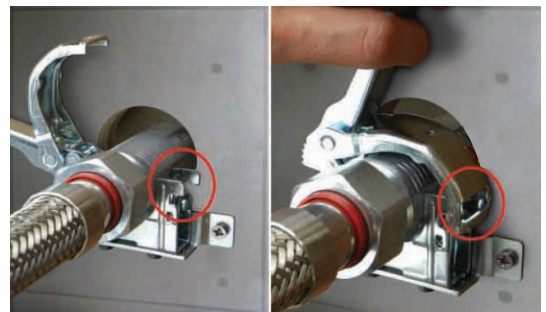
5. Drill a hole based on the sprinkler head manufacturer's installation instructions.



6. Align the OSSBW along the hole and secure with wedge anchor or screws on both sides until securely retained on the wall or ceiling.



7. Load the flexible hose at the appropriate position. Securely fasten the gate of the center bracket from right to left.



8. To secure the outlet reducer, firmly push down the lever until it clicks.

