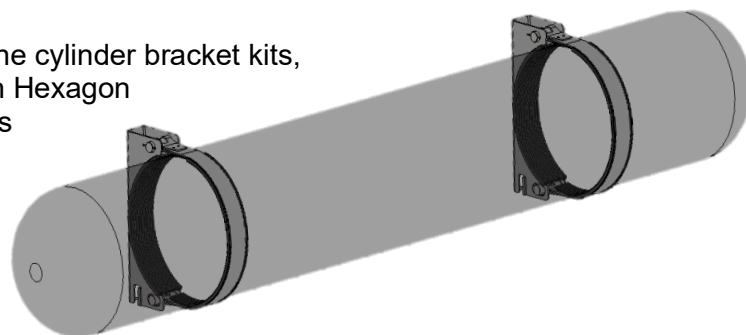


Cylinder Bracket Kit 240294 (-01) & (-02)

Introduction

This document contains installation instructions for the cylinder bracket kits, 240294-01 (15.8") and 240294-02 (17.8"), for use on Hexagon Agility® cylinders only. Each kit includes components required for (2) bracket assemblies for securing a single cylinder.

Mounting hardware for securing the base bracket to chassis is not included and is the responsibility of the system designer.



⚠ WARNING System designer is responsible for understanding and meeting any required standards and regulations related to mounting the cylinder in the target application.
Do not attempt to install this bracket kit without first referencing Hexagon Agility® Design Parameters (DP) document.

Warning Statements Used in this Bulletin

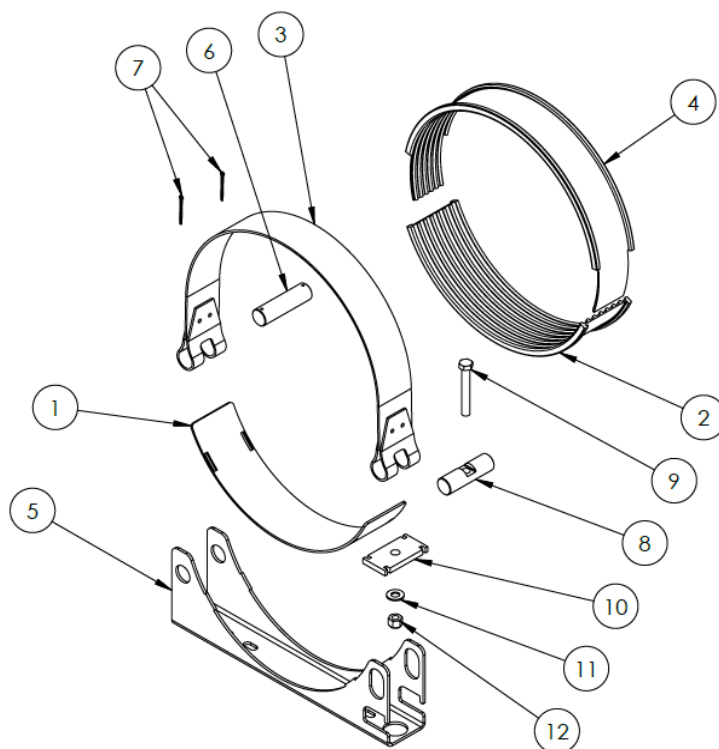
⚠ WARNING WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

NOTICE NOTICE is used to address practices not related to physical injury, such as best practices or tips to help an operation or procedure go smoothly and prevent equipment damage.

⚠ Critical Procedure directly affects safety of vehicle users, people nearby and maintenance personnel, or regulatory compliance.

Kit Components

Item No.	Part Description	Qty.
1	Base Arc	2
2	Base Arc Rubber	2
3	Strap	2
4	Strap Rubber	2
5	Base	2
6	Rocker Pin	2
7	Cotter Pin, 9/64-in	4
8	Slotted Rocker Pin	2
9	HH Bolt, 1/2-13	2
10	Nut Plate	2
11	1/2"-in Flat Washer	2
12	Lock Nut, 1/2-13	2



Service Components

Cylinder Dia.	Replacement Isolator Strap Kit	Components*
15.8"	69000563	240294-01
17.8"	69000574	240294-02

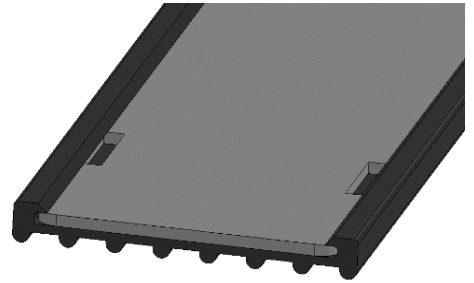
*Components not sold Individually

Rubber Isolation Strap Installation

Prepare base arcs and straps with supplied cut-to-length strap rubber:

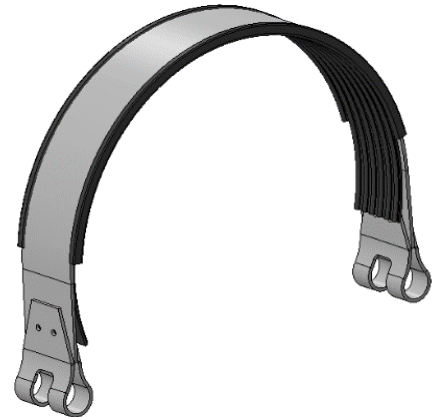
Base arc:

- Place arc rubber on top of the base arc and fully insert one side of the arc into the lip of the ribbed rubber.
- Insert the opposite side of the arc into the opposite lip. You may need to work the rubber from one end of the arc to the other.
- Rubber ends should be flush with the metal arc ends.



Strap:

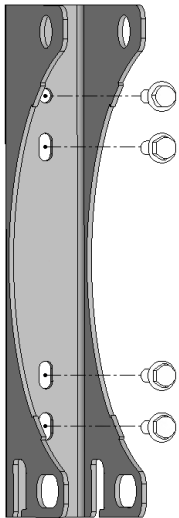
- Place notched strap rubber inside the strap and fully insert one side of the strap into the lip of the ribbed rubber.
- Insert the opposite side of the strap into the opposite lip. You may need to work the rubber from one end of the strap to the other.
- Strap rubber should be centered on strap and cover the end weld of the knuckles.



NOTICE

The use of a soapy water can aid in lubricating the rubber, along with the use of a screwdriver in positioning the lip over the metal strap.

Base Bracket Installation

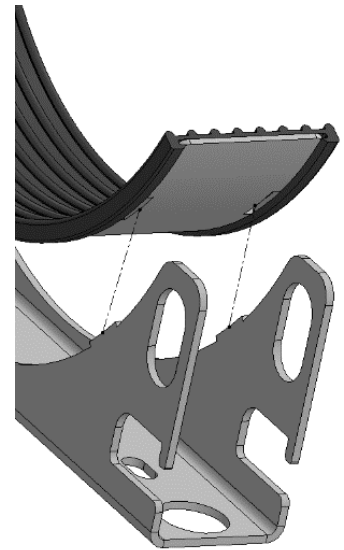


1. Bolt base to the mounting structure.

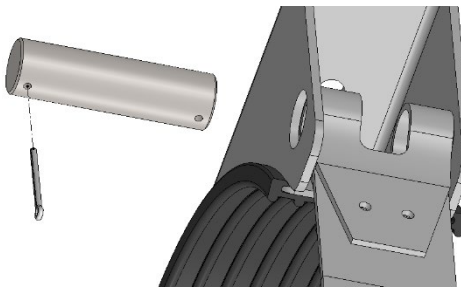
NOTICE

Mounting hardware for securing the base bracket to chassis is not included and is the responsibility of the system designer.

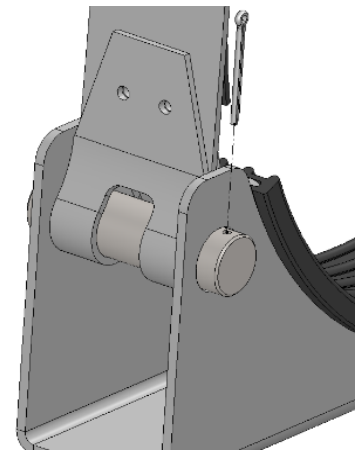
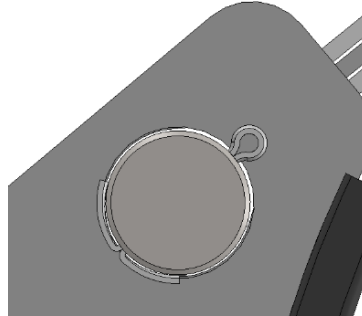
2. Place base arc with rubber into the base and push until all four tabs are inserted into the arc slots.



Attach Pivot Arc with Rocker

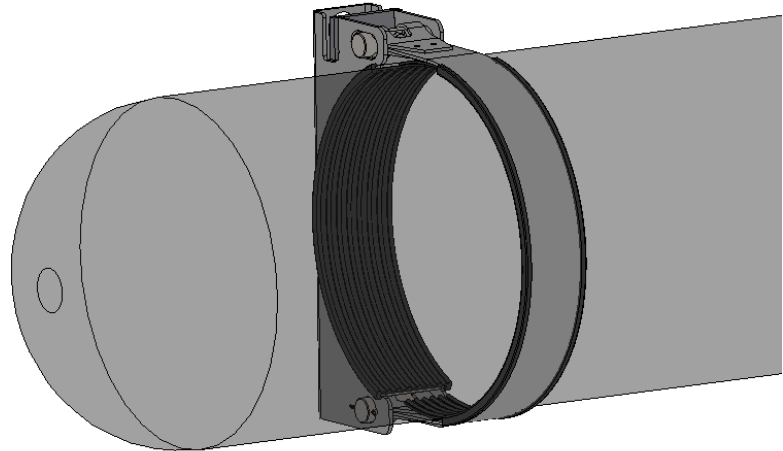
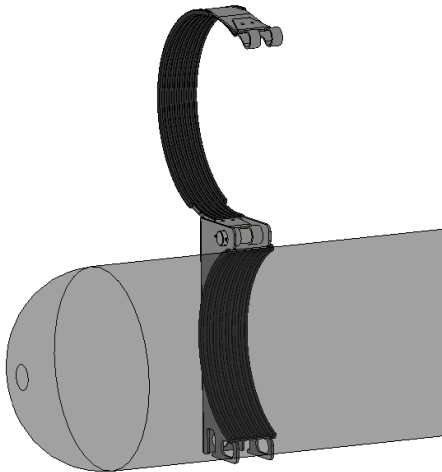


1. Insert cotter pin into one side of the rocker. Insert the pivot arc into base bracket while inserting rocker through base bracket hole.
2. Insert remaining cotter pin into other side of rocker, then crimp both cotter pins as detailed below:



Cylinder Installation

1. Rotate the strap to the open position.
2. Move cylinder into base.
3. Rotate the strap to the closed position.



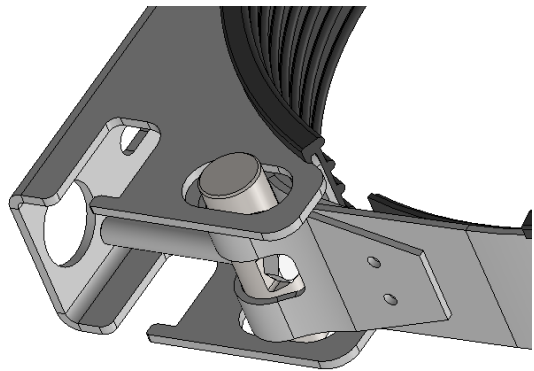
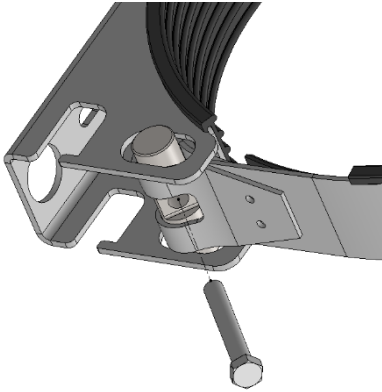
⚠ WARNING

When moving or positioning refer to safe handling and lifting procedures for the cylinder outlined by the manufacturer.

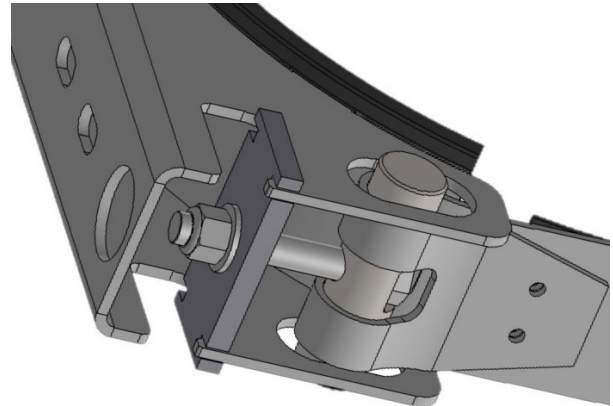
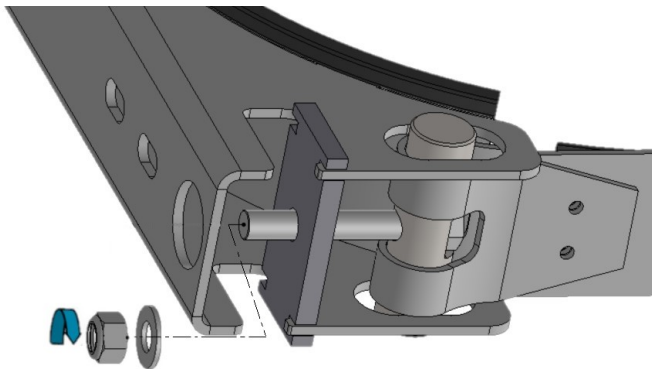
Lift apparatus must remain in position until both strap assemblies are properly installed and torqued as outlined below.

Install Slotted Rocker and Nut Plate

1. Insert slotted rocker pin through base slot and strap knuckle. Rotate the knuckle so the slot is facing outward. Insert 1/2" bolt through the hole of slotted rocker and confirm bolt head flats engage in the slotted feature. Finally, rotate bolt and slotted rocker pin so bolt lines up with the base bottom hole.



2. Install the nut plate by placing it over the bolt and locating it in the base tabs. Insert 1/2" washer and 1/2" lock-nut onto the bolt and hand-tighten.



3.  Torque the lock-nut to **45 ±5 ft-lb** [61 ±6.8 Nm]

Warranty Information

There is no warranty offered for system components of this kit.

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