



PCB-628

DATE OF BULLETIN:

1-16-2014

THIS BULLETIN SUPERSEDED BULLETIN(S):

PCB-623

MODELS AFFECTED:

All EDGE Scrubbers

MACHINE SYMPTOMS:

- Corrosion building up on Eccentric.
- Customer's desire for longer life between Isolator replacement.

SCOPE OF BULLETIN:

- To inform about the new standard Eccentrics for EDGE Machines that will start on January 3rd, 2014.
- To inform about the new standard Isolators for EDGE Machines that will start on January 3rd, 2014 (Serial # Break: 75491) and that **Warranty on Isolators is now being extended from 250 to 1,000 hours between replacements.**

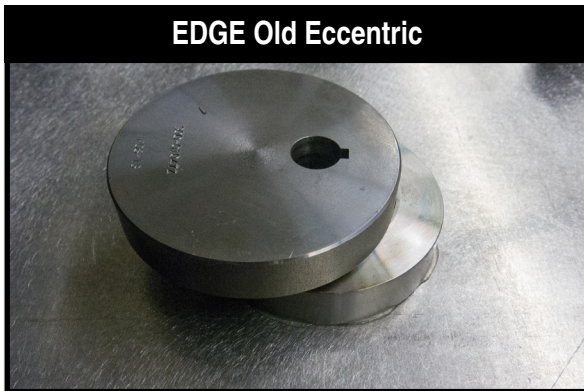
MATERIALS REQUIRED:

Isolator: Part # 300-01031Z - *Not sold individually. Must purchase in Isolator Replacement Kit - Refer to your machines Part Manual or PCB-623 for specific Isolator Kit numbers.*

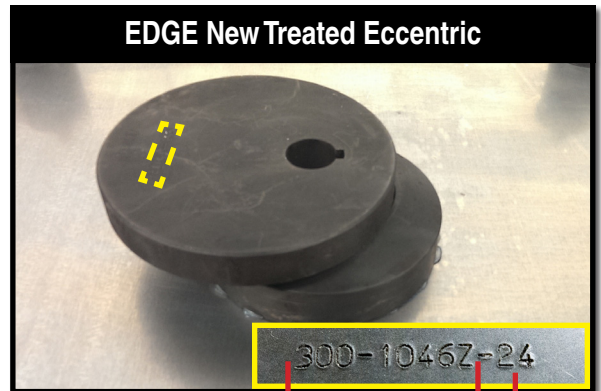
REVISIONS:

Eccentric:

EDGE Eccentrics now have a pre-treatment applied to them. This is a process capable of improving and enhancing the properties of ferrous material. This process helps our Eccentrics be corrosion resistant, obtain higher surface hardness, improved material durability, fatigue endurance is extended, enhanced material abrasion and seizure resistance. Part numbers followed by a dash and then the EDGE Deck size have also been engraved into all Eccentrics to expedite replacement.



EDGE Old Eccentric



EDGE New Treated Eccentric

300-1046Z-24

Part Number

Size

We have seen enough cases of our customers using Chemical Stripper with the EDGE Machines for full strip/re-coat jobs which results in unappealing surface corrosion on the Eccentric. While this runs contrary to the preferred method of use with the EDGE equipment (Water Only), we recognize the desire for customers to perform complete stripping with chemicals to allow for a new program. The bearing in the Eccentric is a high quality KOYO bearing, and approximately 10x's more expensive than an alternative from China.



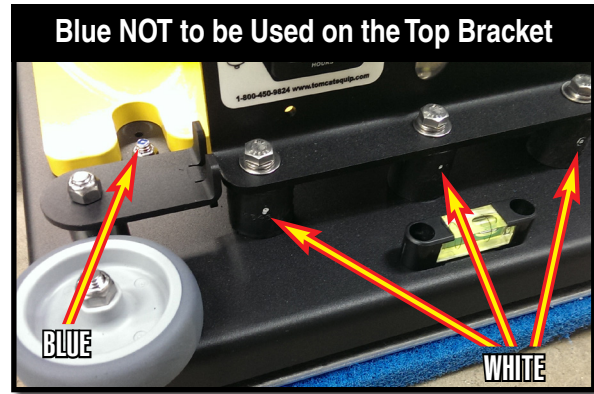
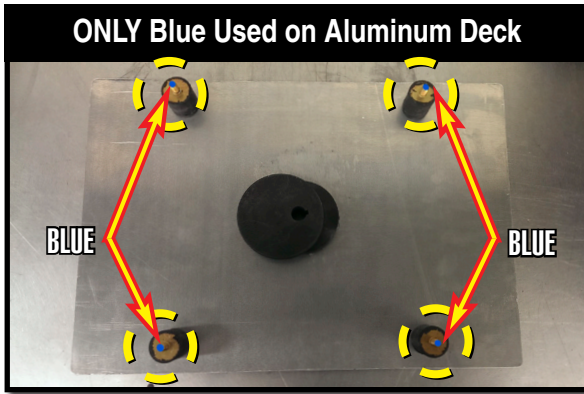
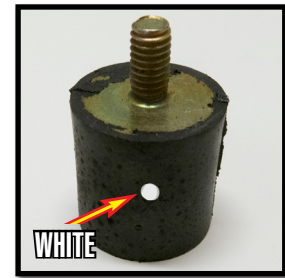
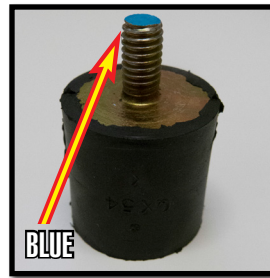
EDGE Eccentric Used With Chemical Stripper



New Eccentric Test in Stripper for 90 hours

Isolators:

EDGE Isolators for the Aluminum Deck has been updated with a longer lasting Isolator. This new Isolator is **ONLY** to be used on the Aluminum Deck and **NOT** the Top Bracket Assembly. This new Isolator will have a Blue Dot on the top of the Thread. **These new Isolators have a longer life and this change extends the Warranty on Isolators to 1,000 hours.** The regular Isolators will now have a White Dot on the base of the Isolator to allow easy differentiation.

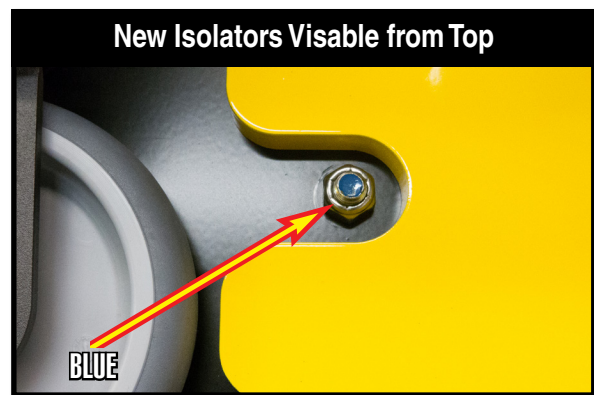


With the new Isolators having a Blue Dot on the top of the Thread, this enables the customer to be able to immediately recognize whether or not their Isolators on the Aluminum deck are up to date with the new standard or not.

New Deck Isolators: Part # 300-01031Z (Blue)

Top Bracket Isolators: Part # 300-01032Z (White)

EDGE Isolator Serial Break: # 75491



Reference PCB-625 EDGE Updates for other questions on the changes to Gaskets and Eccentrics made previously.

As mentioned in PCB-625 we added gaskets and modified the Eccentric design to better protect the Eccentric bearing from debris and chemicals. Also, as mentioned in PCB-625, we now offer a Bearing Removal tool kit (**PART # EDGE-REMOVALTOOL**) which allows only the bearing to be replaced, instead of the entire Eccentric assembly. This should reduce the cost of replacing a failed bearing by 75%, and the labor time to remove the bearing is less than 1 minute.

FACTORYCAT TOMCAT

DATE OF BULLETIN:
02-15-2013

THIS BULLETIN SUPERSEDES BULLETIN(S):
None

MODELS AFFECTED:
All EDGE Models

MACHINE SYMPTOMS:
Machine being a EDGE orbital scrubber. Bearing failures from Grinding/Polishing slurry.

SCOPE OF BULLETIN:
To summarize multiple updates and new upgrades for our line of EDGE scrubbers to better improve the usability and life of the machine parts, as we prepare for the launch of our Stone Grinding & Polishing tools.

MATERIALS REQUIRED:
None, but kits are available for updating.

REVISIONS:

- 1. FOAM GASKET**
The new Foam Gasket reduces the potential of damaging contaminants from reaching the Eccentric Bearing underneath the deck.
- 2. BEARING STICKER**
The Bearing Sticker is an easy to remove and replace sticker that is used to seal out damaging chemicals. A new one is included with every Isolator Kit, Foam Gasket Kit, & Eccentric Kit, and it is applied to the underside of the aluminum deck.
- 3. BEARING REPLACEMENT TOOLS & HD BEARING**
Instead of replacing the entire Eccentric assembly, a Bearing Removal Kit (part # 300-010752HD) can be purchased to easily remove and replace only the bearing in as little as 2 minutes time. Also a new HD Bearing Eccentric Assembly (part # 300-010752HD) is now available that is only suitable for highly caustic applications. This Bearing has a heavier grease inside, but under normal conditions will not lubricate as well, so its only advised for the most harsh chemical applications.

PCB-625

In Image: In orange is the Foam Gasket (2 specific to Scrubbers, 2 specific to Floor Machines) that offers protection and reduces failures associated with the Bearing and Eccentric. The Bearing Sticker also helps reduce failures by sealing the direct access to the bearing with a heavy adhesive. Aluminum plate needs to be removed to install Foam Gasket directly to the clean underside of the deck. DO NOT apply it on the Aluminum Plate. Bearing sticker is applied directly onto the Aluminum Plate, not the Bearing. (Aluminum plate is transparent in the images for viewing only).

EDGE Floor Machine

EDGE Scrubbers

EDGE-REMOVALTOOL

HD Bearing part #: 300-010752HD
Regular Bearing part #: 300-010702Z

1 of 5