

Date: June 19, 2017

## Subject: 10" and 12" Magnet Spring and Lever Arm Update

In keeping with Dexter's quest for continual improvement and a stronger product offering, Dexter is pleased to announce changes within the 10" and 12" electric brake offering. The update transitions from the existing magnet lever arm to a more durable design. The update concurrently requires a change to the magnet spring.

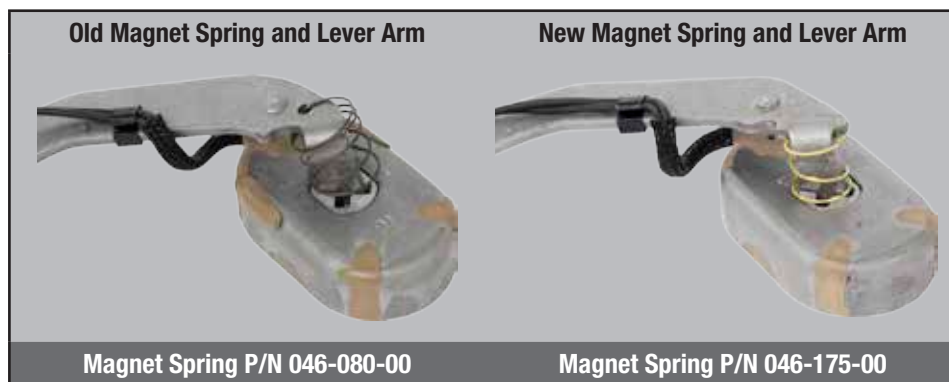
The changes are as follows, with pictures and part numbers shown below:

**Magnet Spring** – The 046-080-00 will be replaced by 046-175-00. The new magnet spring changes shape, requiring a smaller circumference as the new larger magnet lever arm provides a more consistent mounting surface. The change also removes the hassle of inserting the magnet spring into the lever arm during assembly.

**Magnet Lever Arm** – The lever arm part numbers do not change and will continue under the same part numbering scheme. The updated lever arm utilizes additional material at the base of the anchor post and can be identified by the lack of an indexing hole used for the previous magnet spring (see pictures below).

The new magnet spring and lever arm are compatible with all previous brake assemblies, but must be changed in conjunction with each other. Changing either component individually will create fitment issues and should be changed together. All existing magnet assemblies are compatible with the new magnet spring and lever arm. Moving forward, magnet service kits will include both the new and old magnet springs. As with all magnets, they should be replaced in pairs – both sides of the axle.

Building safety into every brake, Dexter proudly manufactures our magnets and other brake components to the highest level of quality and integrity from our facility in the American heartland – Albion, Indiana.



### Magnet kits that will now include both magnet springs:

Part Number	Description
K71-104-00	Magnet Replacement Kit for 10" x 1-1/2" and 10" x 2-1/4" brakes
K71-105-00	Magnet Replacement Kit for 12" x 2" (5.2K and 6K)
K71-125-00	Magnet Replacement Kit for 10" x 2-1/4" (4.4K) and 12" x 2" (7K)

### Brake assemblies affected:

D30 & D35 Series 10" brake

Part Number	Kit Number	Description
023-472-00	K23-472-00	10" x 1-1/2" LH
023-473-00	K23-473-00	10" x 1-1/2" RH
023-476-00	K23-476-00	10" x 1-1/2" LH Nev-R-Adjust®



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## D30 & D35 Series 10" brake (continued):

Part Number	Kit Number	Description
023-477-00	K23-477-00	10" X 1-1/2" RH Nev-R-Adjust®
023-026-00	K23-026-00	10" x 2-1/4" LH
023-027-00	K23-027-00	10" x 2-1/4" RH
023-216-00	N/A	10" x 2-1/4" LH 33" Leads
023-217-00	N/A	10" x 2-1/4" RH 33" Leads
023-086-00	K23-086-00	10" x 2-1/4" LH with Park
023-087-00	K23-087-00	10" x 2-1/4" RH with Park
023-468-00	K23-468-00	10" x 2-1/4" LH Nev-R-Adjust®
023-468-01	N/A	10" x 2-1/4" LH Nev-R-Adjust® 33" Leads
023-469-00	K23-469-00	10" X 2-1/4" RH Nev-R-Adjust®
023-469-01	N/A	10" X 2-1/4" RH Nev-R-Adjust® 33" Leads

## D44 Series 10" brake

Part Number	Kit Number	Description
023-454-00	K23-454-00	10" x 2-1/4" LH Old Bolt Pattern
023-454-01	N/A	10" x 2-1/4" LH Old Bolt Pattern 33" Leads
023-455-00	K23-455-00	10" x 2-1/4" RH Old Bolt Pattern
023-455-01	N/A	10" x 2-1/4" RH Old Bolt Pattern 33" Leads
023-462-00	K23-462-00	10" x 2-1/4" LH New Bolt Pattern
023-462-01	N/A	10" x 2-1/4" LH New Bolt Pattern 33" Leads
023-463-00	K23-463-00	10" x 2-1/4" RH New Bolt Pattern
023-462-01	N/A	10" x 2-1/4" RH New Bolt Pattern 33" Leads
023-478-00	K23-478-00	10" x 2-1/4" LH New Bolt Pattern Nev-R-Adjust®
023-478-01	N/A	10" x 2-14" LH New Bolt Pattern Nev-R-Adjust® 33" Leads
023-479-00	K23-479-00	10" x 2-1/4" RH New Bolt Pattern Nev-R-Adjust®
023-479-01	N/A	10" x 2-1/4" RH New Bolt Pattern Nev-R-Adjust® 33" Leads

## D52 & D60 Series 12" brake

Part Number	Kit Number	Description
023-105-00	K23-105-00	12" x 2" LH 6K CSA
023-105-09	N/A	12" x 2" LH 6K CSA 9 Hole Mounting
023-106-00	K23-106-00	12" x 2" RH 6K CSA
023-106-09	N/A	12" x 2" RH 6K CSA 9 Hole Mounting
023-112-00	K23-112-00	12" x 2" LH 6K CSA with Park
023-113-00	K23-113-00	12" x 2" RH 6K CSA with Park
023-458-00	K23-458-00	12" x 2" LH 6K FSA
023-458-01	N/A	12" x 2" LH 6K FSA 33" Leads
023-459-00	K23-459-00	12" x 2" RH 6K FSA
023-459-01	N/A	12" x 2" RH 6K FSA 33" Leads



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## D70 Series 12" brake

Part Number	Kit Number	Description
023-180-00	K23-180-00	12" x 2" LH 7K CSA
023-359-00	N/A	12" x 2" LH 7K CSA 33" Leads
023-181-00	K23-181-00	12" x 2" RH 7K CSA
023-360-00	N/A	12" x 2" RH 7K CSA 33" Leads
023-464-00	K23-464-00	12" x 2" LH 7K CSA Nev-R-Adjust®
023-464-01	N/A	12" x 2" LH 7K CSA 33" Leads Nev-R-Adjust®
023-465-00	K23-465-00	12" x 2" RH 7K CSA Nev-R-Adjust®
023-465-01	N/A	12" x 2" RH 7K CSA 33" Leads Nev-R-Adjust®

Updates to the new magnet lever arm and magnet spring are running changes in production.

Please contact your Dexter Sales Engineer for additional questions, ordering information, and product availability.

Mark Nave  
Market Manager