

Date: June 26, 2020

Subject: Aftermarket Kit Re-Design from legacy Tie Down Engineering to Dexter

Dexter is making some important changes to its legacy brands. Over the past several years of strong growth and product diversification, we have had the opportunity to expand our brands. Based on customer feedback we are reducing the complexity of our brands.

Legacy Tie Down retail aftermarket kits, including Tow Zone and Long Run, are being redesigned and branded Dexter. Several kits will be discontinued or consolidated into other kits. With the consolidation, kits will have new part numbers and UPC numbers. This product bulletin will be one of several regarding kit branding and consolidation.

Below are samples of how the packaging is changing.

Example of insert card:

FRONT

DEXTER

3/4" BEARING KIT
K71-G02-47 (81105)

WHITE BEARING REFERENCE

BACK

DEXTER

3/4" BEARING KIT
K71-G02-47 (81105)

Color Coding System:
This system will remain the same to help customers identify matching product. It is now located at the top right corner of the packaging for a consistent look.

Kit Description and Part Numbers:
Located on both front and back side of insert card. Focus is on the description with a larger font to help the customer find what they need without a part number. Both the Dexter part number and legacy part numbers are listed under the description for cross referencing.

Bill of Material (BOM) Listing:
Part descriptions with industry references, dimensions, or other detailed descriptions when necessary.

QTY	DESCRIPTION
1	COTTER PIN
2	BEARING CONE (LM11949)
2	BEARING CUP (LM11910)
1	SEAL, 1.00

WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

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www.dexteraxle.com

www.dexteraxle.com 076-396-09 2019.08

There are multiple shapes and sizes of insert cards, but they all will have these same items listed above in a similar location.

Additionally, several of the kits will no longer have a loose instruction sheet. Instead, they will be printed on the inside of the insert card of the package. The folded insert card allows for larger text size to be used and less crowding of the words making it easier for the end customer to read. Instruction sheets for kits will also be available at www.dexteraxle.com/resources/installation-instructions.

Example of folded insert card with instructions:

INSIDE

BEARING CONE
AND CUP REPLACEMENT INSTRUCTIONS

1. Remove wheel from hub, remove dust cap, cotter pin, spindle nut, and washer. Next, remove hub from spindle.
2. Pry the seal out of the hub with a seal removal tool or screwdriver. Never drive the seal out with the inner bearing as you may damage the bearing.
3. Place the hub on a flat work surface with the cup to be replaced on the bottom side.
4. Using a brass drift punch, carefully tap around the small diameter end of the cup to drive out.
5. Repeat to remove the outer bearing cup from opposite side of the hub.
6. After cleaning the hub bore area, replace the cup by tapping in with the brass drift punch. Be sure the cup is seated all the way up against the retaining shoulder in the hub.
7. Pre-grease bearing cones and fill hub cavity 1/3 - 1/2 full with grease.
8. Install inner bearing cone and rear seal. Install new seal squarely into back of hub. Use a clean block of wood to push seal in and flush with rear of hub. Assemble the greased outer bearing cone onto spindle and push into bearing cup. Reassemble the spindle washer and spindle nut.
9. Tighten spindle nut with wrench, 12 inches long, at the same time turn the wheel in both directions until there is a slight resistance to be sure that all bearings surfaces are in contact.
10. Back off spindle nut 1/6 to 1/4 turn to the nearest locking hole. Hub should turn smoothly with no end play or wobble.
11. Install cotter pin in locking hole and spread key. Install dust cap filled with grease onto the hub.

Instruction Sheet 059-A24-00

INSIDE

WARNING: Failure to correctly lubricate bearing and properly tighten spindle nut can result in bearing and hub failure, which could cause wheel to lock or to come off during operation resulting in personal injury or property damage.

Dexter Part No. (Legacy TDE No.)	Spindle O.D.	Outer Hub I.D.	Outer Bearing Cone No.	Inner Bearing Cone No.	Outer Cup No.	Inner Cup No.
K71-602-27 (81105)	3/4"	1.784	LM11949	LM11949	LM11910	LM11910
K71-602-28 (81106)	7/8"	1.784	LM11949	LM11949	LM11910	LM11910
K71-602-29 (81107)	1-1/16"	1.980	L44649	L44649	L44610	L44610
K71-602-30 (81108)	1-1/8"	1.980	L44649	L44649	L44610	L44610
K71-602-31 (81109)	1-1/4"	2.328	LM67048	LM67048	LM67010	LM67010
K71-602-32 (81110)	1-3/8"	1.980	L68149	L68149	L68111	L68111
K71-602-33 (81111)						
K71-602-34 (81112)						
K71-602-35 (81113)						
K71-602-36 (81114)						
K71-602-37 (81130)	1-1/16" X 3/4"	1.781	LM11949	L44649	LM11910	L44610
K71-602-38 (81131)	1-1/4" X 3/4"	1.781	LM11949	LM67048	LM11910	LM67010
K71-602-39 (81140)	1-3/8" X 1-1/16"	1.980	L44649	L68149	L44610	L68111
K71-602-40 (81142)	1-3/8" X 1-1/16"	1.980	L44649	L68149	L44610	L68111

Note: Bearing kits with dust caps not shown. Please refer to "Spindle O.D."

Straight Spindle	Stepped Spindle
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Example of box label:

SPINDLE & HUB END UNIT
1750 LB.
K71-602-98 | 90117

- **1750 LB: 1.75" DIAMETER ROUND WELD ON SPINDLE WITH E-Z LUBE**
- **FULLY ASSEMBLED, 5 STUD HUB WITH GREASE**
- **1-3/8" & 1-1/16" BEARINGS**
- **FITS 2" X 2" X 3/16" SQUARE TUBE**

KIT INCLUDES:
Spindle with E-Z LUBE, hub with cups, bearings, seal, dust cap, cotter pin & lug nuts. Fully assembled with marine grade grease.

www.dexteraxle.com ⚠ WARNING: Cancer and Reproductive Harm
www.P03Warnings.ca.gov

Example of Actuator box with label:



The changes in branding and packaging are a running change.

An Excel file with the cross reference of the legacy Tie Down, Long Run, and Tow Zone aftermarket kits to the new Dexter part numbers and UPC can be downloaded here: <https://www.dexteraxle.com/docs/legacytde>

Please contact your Dexter account manager for additional information and further assistance.



Jay Klinkerman
Market Manager