



Seal Locations by Part Number in the Flex Gearbox

Product: Flex 18 and 21

April 1, 2009

Affected Units:

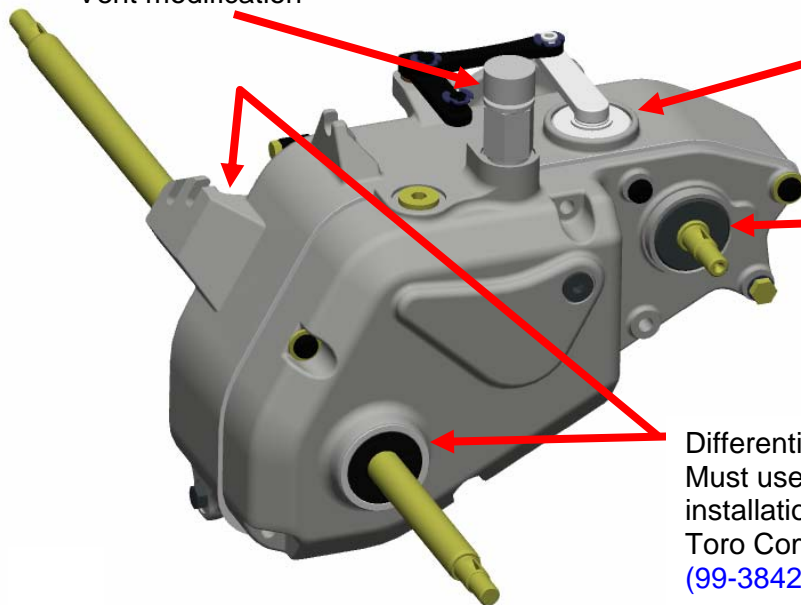
Models:

Serial Numbers:

| | | |
|----------------|-------|---------------------|
| Flex 18 | 04018 | 260000101-290099999 |
| Flex 18 | 04019 | 290000101-290099999 |
| Flex 18 | 04030 | 280000101-290099999 |
| Flex 21 | 04021 | 210000101-260099999 |
| Flex 21 | 04022 | 270000101-290000286 |
| Flex 21 | 04024 | 290000101-290099999 |
| Flex 21 | 04025 | 290000101-290099999 |
| Flex 21 | 04031 | 280000101-290099999 |

This bulletin contains information on the correct use of the various oil seals used in the Flex Greensmower gearbox assembly for the models and serial ranges listed above.

Vent modification



Shaft-Fork – use [Seal-Oil \(99-3842 or 107-8132\)](#)

Reel Drive Output Shaft – use [Seal-Oil \(105-2429\)](#). This is red; all others are black.

Differential Axle Shafts – use [Seal-Oil \(117-1443\)](#) Must use [Seal Installer Tool \(TOR6009\)](#) for seal installation; this tool can be obtained from your local Toro Commercial Products Distributor. Use [Seal-Oil \(99-3842\)](#) on non-vented gearboxes.

[Seal-Oil \(117-1443\)](#) can only be used on gearboxes that have been modified with [Replacement Cover Kit \(117-1461\)](#). The image above represents a gearbox with the vent modification. 2009 Flexes have the vent modification from the factory. On product built before 2009, the cover kit can be added as an option to allow use of [Seal-Oil \(117-1443\)](#), or the differential axle shaft seals can be replaced with [Seal-Oil \(99-3842\)](#). Under no circumstances should the [Seal-Oil \(117-1443\)](#) seal be installed on a machine without first replacing the original non-vented cover with a vented cover. Non-vented gearboxes should only use [Seal-Oil \(99-3842\)](#) in the differential axle shaft locations when replacing seals.



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Use this information to service your Flex Greensmower gearbox when replacing these oil seals. It is suggested that you print this bulletin and attach it to the parts book you received with your greensmower for future reference.

If you have any questions about this information, contact your local Toro Commercial Products Distributor and reference Toro Commercial Service Bulletin Greens Reels #09-25 when making your inquiry. They will be able to assist you with application, technical assistance, obtaining service part replacements and special installation tools.