

# TRUE INNOVATION FOR THE WHEEL SEAL MARKET

Equipped with patented GlideLock™ technology, high-quality temperature-resistant materials, and multi-labyrinth sealing, the Discover® XR is the most advanced wheel seal available.



## COMPLETE CONFIDENCE DURING INSTALLATION

The patented GlideLock technology eliminates installation issues by reducing installation force by 50% with no prelube required. Discover XR seals' piloted entry allows an easy and square installation every time—addressing the industry's leading seal failure modes, cocked seals and excessive heat generation. The ridged double wall steel case is the impact point for the tool head, maintaining the seal's internal geometries.

## STRONG LOCKING AND EASY REMOVAL

The Discover XR seal consists of a bonded, ribbed rubber OD and ID for easier removal without special tools, yet STEMCO's patented "SMART" anti-rotation features ensure positive positioning and locking of the seal to the spindle.

## LENGTHEN THE LIFE OF THE SEAL

The premium sealing element is protected by a four-zone labyrinth that provides unmatched contaminant exclusion and performance.

## EXTENDED WARRANTY COMPONENT

Install the Discover XR seal with STEMCO's other premium wheel end components to experience the Platinum Performance System™. This system combines the Discover XR or Guardian® HP seal, the Pro-Torq®, Zip-Torq®, or Auto-Torq™ axle fastener, and the Sentinel® hub cap for a three-year warranty.





## Discover XR Cross Reference Guide

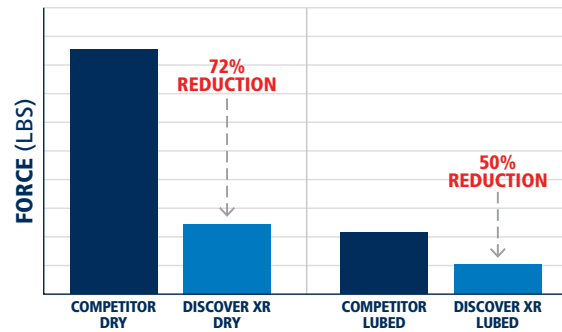
APPLICATION	DISCOVER XR P/N	INNER BEARING	HUB TOOL PART NUMBER	BEARING GUIDE
Pro-Par Trailer Axle: Fruehauf, Eaton P-22, Meritor TP, Dana	373-0423	HM518445	551-5401	570-0025
22,500# Trailer Axle: Meritor, Standard Forge, Dana, Eaton	373-0443	HM218248	551-5412	570-0026
12,000# Front Axle: Meritor, Eaton, Ford, Freightliner, Kenworth, Western Star, Navistar, Peterbilt, Volvo GM	383-0436	HM212049	551-5346	570-0020
16,000# Front Axle: Ford, Navistar, Mack, Meritor, White, Kenworth, Western Star, Peterbilt, Volvo GM	383-0464	6461A	551-5327	570-0022
38,000#, 46,000# Tandem Axles: Eaton, Ford, Freightliner, Kenworth, Western Star, Peterbilt, Meritor, Navistar, Volvo GM	393-0473	594 or 594A	551-5320	570-0028

## Discover XR Interchange

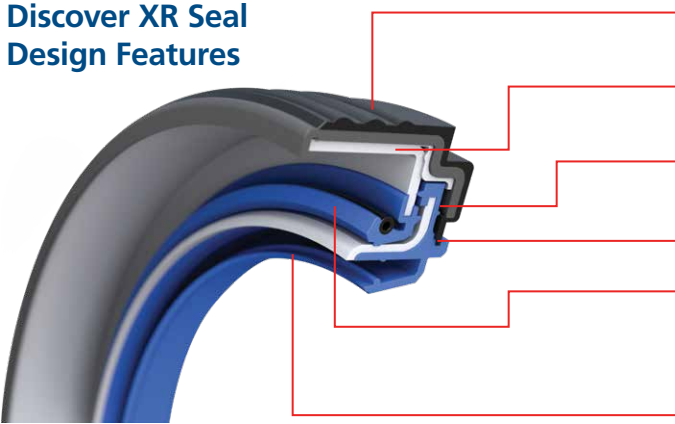
DISCOVER XR	SKF CLASSIC	SKF PLUS XL	NATIONAL	NATIONAL GOLD
373-0423	42623	42627	370065A	380065A
373-0443	46305	46300	370025A	380025A
383-0436	35066	35058	370001A	380001A
383-0464	43764	43671	370048A	380048A
393-0473	47697	47692, 47691**	370003A	380003A

\*\*The 47691 is a narrow OE version.

## Installation Force Comparison



## Discover XR Seal Design Features



- Bonded rubber OD offers easy installation with piloted entry
- Rugged, modular design avoids installation damage
- Four-zone labyrinth provides unmatched contaminant exclusion
- Slinger
- High temperature elastomeric co-polymer sealing element incorporating hydrodynamic pumping features
- GlideLock™

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