

Weatherly Index

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Bearings and Oil Seals

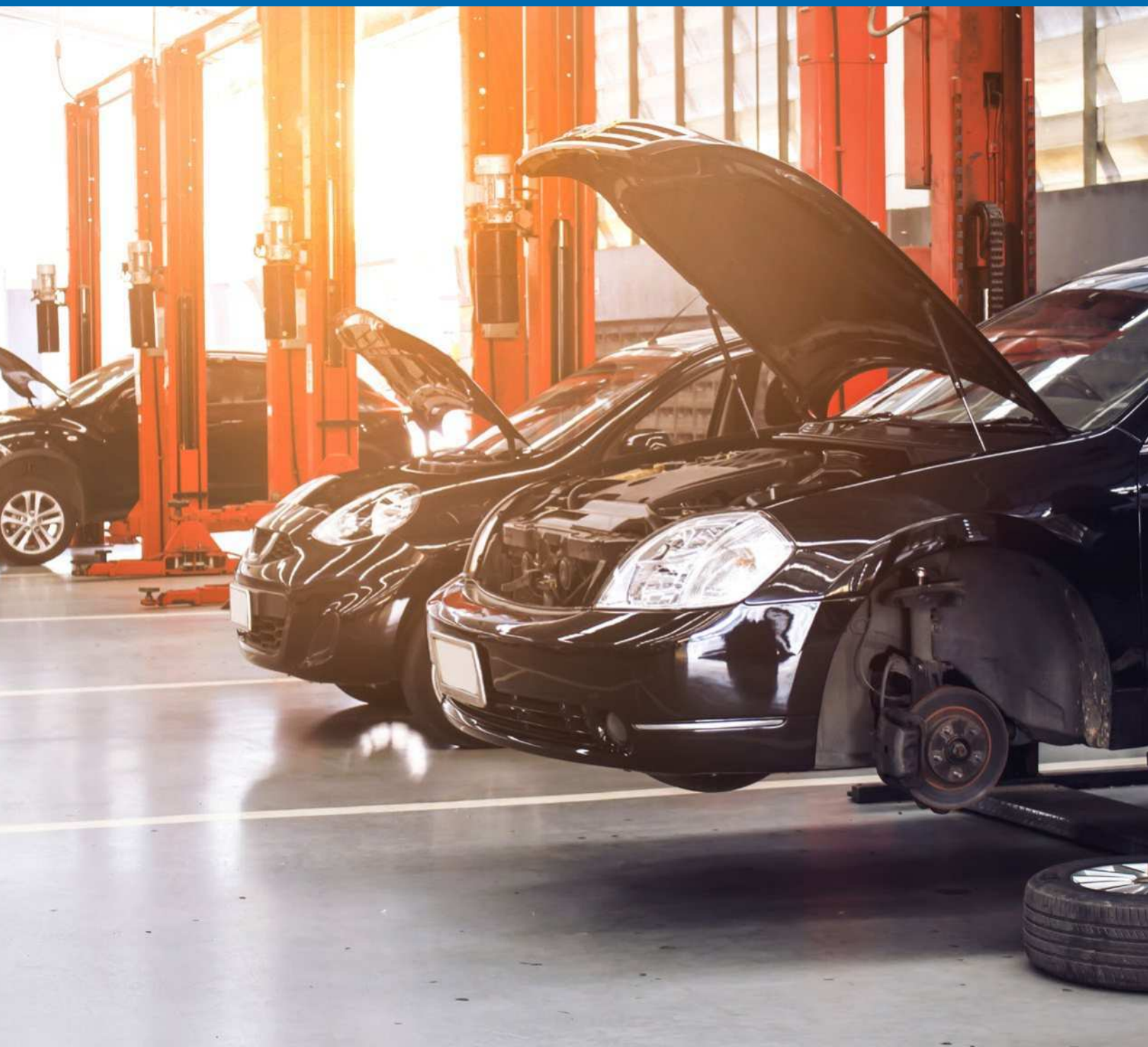


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Footnote Codes

- For installation guidelines on axle repair bearings, see page 3A.
- Use old snap ring.
- x X-Tracker® design.
- [] Indicates quantity required.

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Axle Repair Bearing Assembly

Certain rear wheel bearings use the axle as an inner race; that is the bearing rollers ride directly on the axle shaft itself. The rollers can wear a groove into the axle. Until now the only solution has been to replace the axle itself, a costly approach to repairing the vehicle. Worn axles can be reused now if you install our axle bearing repair assembly.

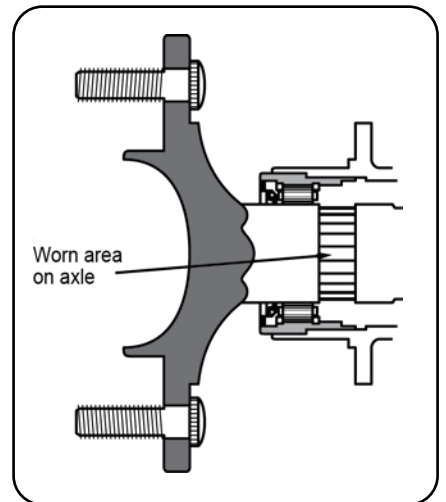
Simply install the new axle bearing repair assembly in the wheel hub. The rollers and seal of the new bearing repair assembly will now rotate on an unworn portion of the axle. The axle bearing repair assembly replaces both the bearing and the conventional seal requiring no additional parts. The repair bearing is manufactured in two styles. The most common style is a single sealed repair bearing that receives its lubrication from the differential. The second style is a double sealed repair bearing. This bearing is prelubed for the life of the bearing and needs no differential fluid to maintain operation.

Just six part numbers R1559, R1561-F, R1561-G, R1563, R57509 and R59047 cover the most popular Chrysler, Ford and GM axles. Each repair bearing assembly comes ready to install for fast and reliable service. For your convenience the bearing assembly is listed in the application section of this catalog. Merely look up the vehicle in question and both the conventional seal and bearing and the axle bearing repair assembly are listed where available.

Remember to always check the axle tube housing depth prior to installation. Check this depth against the width of the repair bearing. Certain models have narrowed axle tube that will not allow the bearing to fully seat.

Taper Bearing Packer - BP270

- SKF bearing packer helps do a professional job
- Helps maintain a clean environment essential to bearing life
- Provides a thorough removal of the old grease and installation of the new grease
- Packer comes with grease savers for larger bearings
- Complete instructions included



X-Tracker®

A unique line of high performance hub units by SKF



Designed specifically for cars, light duty trucks and SUVs.

Developed in response to OE requests for a high performing hub bearing unit that provides precision handling and braking characteristics, SKF engineers developed the X-Tracker® hub bearing. The X-Tracker® is a performance hub unit that will deliver improved handling and comfort characteristics to cars, light duty trucks and SUV's.

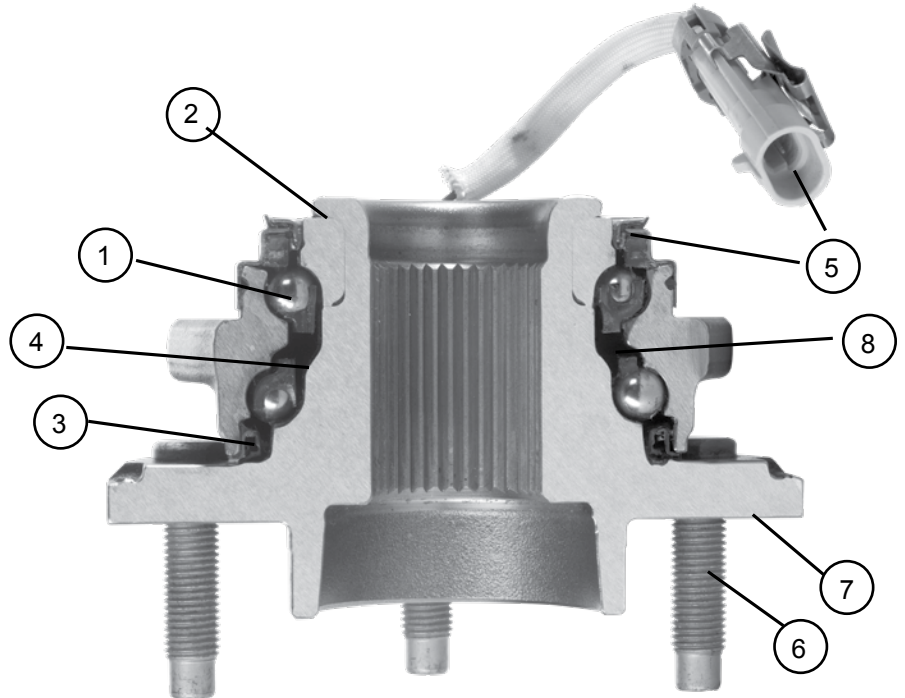
A unique double row angular contact ball bearing arrangement (with the outboard row at a higher diameter and containing more balls than the inner row) increases the bearing's capacity while improving hub stiffness by 50% over a traditional tapered bearing unit.

This results in many benefits:

- Allows the wheel to run truer during cornering and acceleration
- Reduces deflection of the hub face and wheel, which provides better steering, handling and vehicle dynamic behavior
- Reduces brake wear due to true running of rotors, which helps reduce brake warranty costs
- Improves both NVH (noise/vibration/harshness) characteristics and bearing performance
- Provides designers and systems integrators an alternative to a tapered bearing unit, freeing them to improve overall vehicle performance

X-Tracker®

SKF manufactures Original Equipment hub bearings for many automakers all over the world. SKF's optimum quality hub bearings are manufactured using high quality steel, premium seals and premium ABS sensors. Each hub is machined to precise surface finishes following OEM assembly tolerances. Every SKF premium hub is 100% tested to the actual OE specifications. Installing SKF hubs means they fit correctly, work correctly, and provide a safe and reliable assembly for your vehicle.



1. SKF X-Tracker® technology engineered into SKF premium hub wheel bearings

Benefits: Meets demands for increased ride comfort; improves vehicle steering accuracy, handling dynamics and brake system performance

2. Roll forming

Benefits: Provides precision bearing preload and overall strength of the hub assembly for secure clamping to the CV joint and knuckle for increased safety

3. Seal

Benefits: Multiple-lip design provides optimum dirt and contaminant exclusion and keeps grease in the hub for increased operational life

4. Bearing Cage

Benefits: Patented design provides superior load capacity and lower stress on the raceway, providing a smooth roll operation for a comfortable ride

5. Anti-lock braking system (ABS) sensor

Benefits: Original Equipment design, assures correct brake response and performance

6. Wheel Studs

Benefits: Original Equipment quality, high tensile strength, prevents wheel-off conditions

7. Low lateral run-out

Benefits: Improves mating of the wheel hub to the brake rotor, which prevents brake pedal pulsation and premature brake component failure

8. SKF GHG Grease

Benefits: Exclusive and patented formula provides optimum bearing performance and life by minimizing friction



WARNING!

Proper selection of the products listed for sale in this catalog is essential to minimize the risk of any seal, bearing or other product failure. Such failures can result in property damage or severe personal injury to operators of machinery, vehicles or to others. You must carefully evaluate the particular application on or into which you intend to install the products. Products in this catalog require installation by an experienced professional mechanic or qualified maintenance professional.

The product properties and operating parameters described in this catalogue are based upon tests conducted by SKF or reported by others. SKF does not assume any responsibility for errors in the data published in this catalog. The life and performance of the products ultimately depend on a number of factors. These include, for example, selection of product design type, selection of materials for their different properties, handling and installation, operating conditions, including shaft surface or bore conditions, the quantity, quality and chemistry of lubricants and other factors. Severe environments can adversely affect product life or performance. For help in realizing longer SKF product life, and optimal performance for your specific application, contact SKF's Customer Services Department at 1-800-882-0008.

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Códigos de nota de pie de página

- Para conocer las Guías de instalación de los Rodamientos de reparación de eje, vea la página 3B.
- Utilice el anillo de expansión viejo.
- x X-Tracker® diseño.
- [] Indica la Cantidad requerida.

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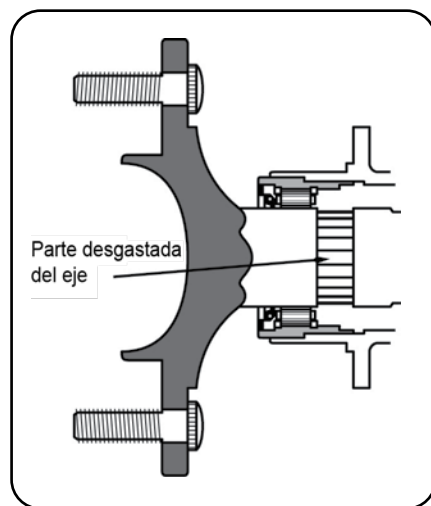
Conjunto de rodamiento de reparación de eje

Ciertos rodamientos de rueda trasera utilizan el eje como la pista interior; o sea que los rodillos del rodamiento se mueven directamente sobre la flecha del eje. Los rodillos pueden producir, por desgaste, una ranura en el eje. Hasta la fecha la única solución que existía era el reemplazo del eje, una aproximación costosa a la reparación del vehículo. Ahora, los ejes desgastados se pueden volver a utilizar si se instala nuestro conjunto de reparación de rodamiento de eje.

Simplemente instale el nuevo conjunto de reparación de rodamiento de eje en la maza de la rueda. Los rodillos y el sello del nuevo conjunto de reparación de rodamiento ahora girarán en una porción sin desgaste del eje. El conjunto de reparación de rodamiento de eje sustituye al rodamiento y al sello convencional y por lo tanto no requiere de piezas adicionales. El rodamiento de reparación se fabrica en dos modelos. El modelo más común es un rodamiento de reparación sencillo sellado que recibe la lubricación del diferencial. El segundo modelo es un rodamiento de reparación doble sellado. Este rodamiento está prelubricado de por vida y no necesita de ningún lubricante del diferencial para mantener su funcionamiento.

Sólo seis números de pieza R1559, R1561-F, R1561-G, R1563, R57509 y R59047 cubren los ejes más vendidos de Chrysler, Ford y GM. Cada conjunto de rodamiento de reparación viene listo para instalarse y de esta manera obtener un servicio rápido y confiable. Para su conveniencia los conjuntos de rodamiento se listan en la sección de aplicaciones de este catálogo. Únicamente busque el vehículo en cuestión, el sello y el rodamiento convencional y se listan los conjuntos de reparación de rodamiento de eje donde están disponibles.

Antes de la instalación, recuerde comprobar siempre la profundidad del alojamiento del tubo del eje. Compruebe esta profundidad contra el ancho del rodamiento de reparación. Algunos modelos tienen el tubo del eje más estrecho, lo cual no permitirá que el rodamiento asiente por completo.

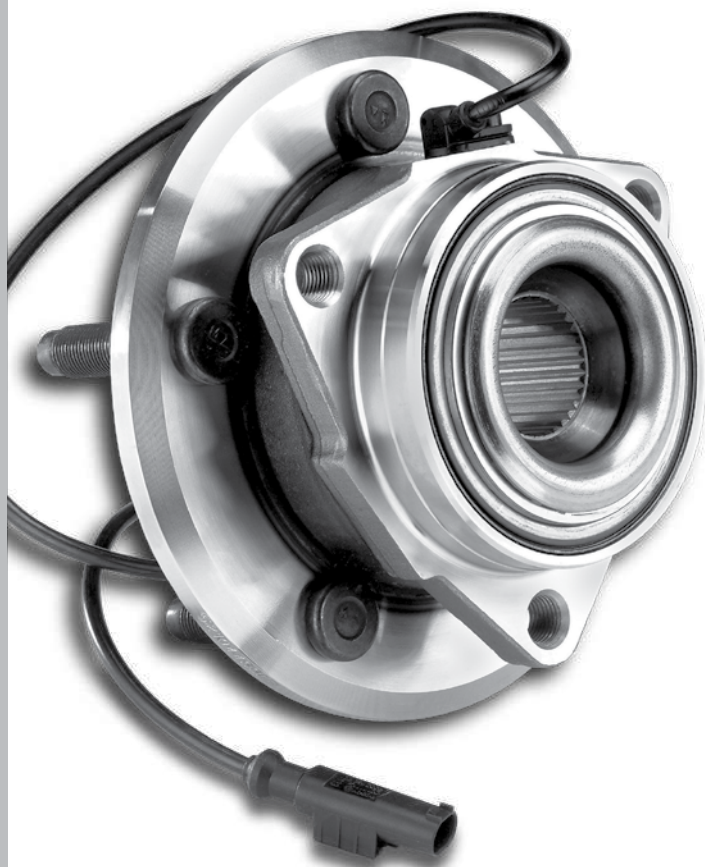


Embalador de rodamientos cónicos - BP270

- El embalador de rodamientos SKF ayuda a realizar un trabajo profesional
- Ayuda a mantener un ambiente limpio esencial para la vida del rodamiento
- Proporciona la eliminación completa de la grasa vieja y la instalación de la grasa nueva
- El embalador trae economizadores de grasa para los rodamientos grandes
- Se incluyen instrucciones completas

X-Tracker®

Una línea única de SKF de unidades de maza de alto rendimiento



Diseñado específicamente para automóviles, SUVs y camiones.

Desarrollados en respuesta al creciente uso de camionetas, como vehículos deportivos familiares resistentes, los rodamientos de maza de SKF, denominados X-Tracker® y diseñados para brindar rendimiento, les proporcionan características de confort y manejo preciso a las aplicaciones de alto rendimiento de vehículos utilitarios deportivos (Sport Utility Vehicle, SUV), automóviles y camionetas.

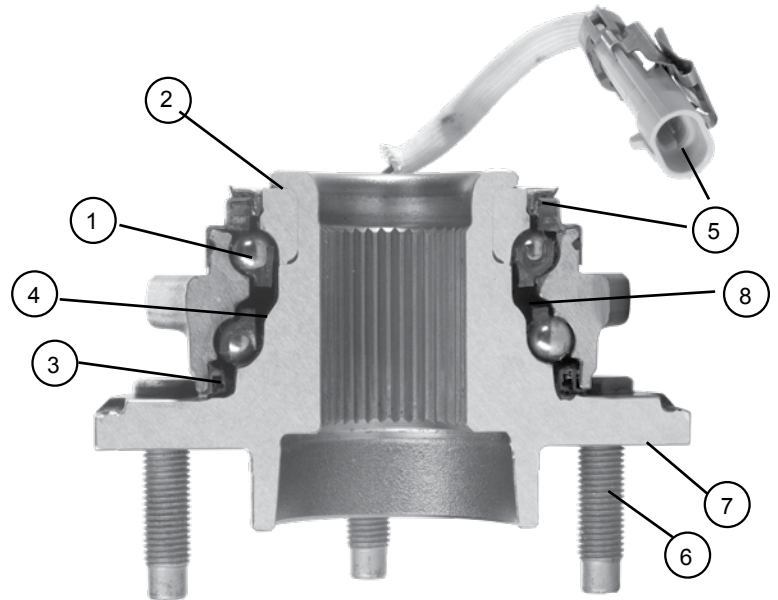
La disposición única de rodamientos de bolas de contacto angular de doble hilera (con la hilera externa a un diámetro superior y con más bolas que la hilera interna) incrementa la capacidad del rodamiento a la vez que mejora la rigidez de la maza en un 50 %, en comparación con una unidad tradicional de rodamientos cónicos.

Esto genera muchos beneficios:

- Permite que la rueda se mantenga más nivelada al tomar una curva y acelerar
- Reduce la deformación de la rueda y de la superficie de la maza, lo cual brinda una mejor dirección, manejo y comportamiento dinámico del vehículo
- Reduce el desgaste de los frenos gracias a un verdadero funcionamiento de los rotores, que ayuda a reducir los costos de garantías de frenos
- Mejora tanto las características que reducen ruido/ vibración/asperezas (noise/vibration/harshness, NVH) como el rendimiento de los rodamientos
- Les brinda a los diseñadores y a los integradores de sistemas una alternativa a la unidad de rodamientos cónicos, que los libera de tener que mejorar el rendimiento general del vehículo

X-Tracker®

SKF fabrica rodamientos de maza de equipo original para muchos fabricantes de automóviles en todo el mundo. Los rodamientos de maza SKF de óptima calidad se fabrican con acero de alta calidad, sellos de primera calidad y sensores de sistemas de frenos antibloqueo (anti-lock braking system, ABS) de primera calidad. Cada maza está maquinado a acabados de superficies precisas, y según las tolerancias de ensamblaje de los fabricantes de equipo original. Cada maza SKF de primera calidad se ha sometido íntegramente a pruebas para que cumpla con las especificaciones reales de equipo original. La instalación de maza SKF implica que se adaptarán y funcionarán correctamente, y que brindarán un ensamblaje seguro y confiable para su vehículo.



1. Tecnología X-Tracker® incorporada a los rodamientos de maza de rueda SKF de primera calidad

Beneficios: satisface las demandas de mayor confort al conducir; mejora la precisión de la dirección del vehículo, la dinámica del manejo y el rendimiento del sistema de frenos

2. Perfilado por rodillos

Beneficios: mejora la precisión de la precarga del rodamiento y la resistencia general del conjunto de la maza para lograr una fijación segura a la junta homocinética y la rótula, para mayor seguridad

3. Sello

Beneficios: el diseño de labios múltiples optimiza la eliminación de tierra y sustancias contaminantes, y mantiene la grasa en la maza para brindar una mayor vida útil

4. Jaula del rodamiento

Beneficios: el diseño patentado brinda una capacidad de carga superior y reduce la presión en el anillo de rodadura, lo cual genera un funcionamiento sin problemas de los rodillos y un viaje cómodo

5. Sensor del sistema de frenos antibloqueo (ABS)

Beneficios: el diseño de equipo original garantiza una respuesta y un funcionamiento correctos de los frenos

6. Espárragos de rueda

Beneficios: calidad de equipo original; alta resistencia a la tracción; evita situaciones de desprendimiento de ruedas

7. Poco desgaste lateral

Beneficios: mejora el acoplamiento de la maza de rueda al rotor de freno, lo cual evita la vibración del pedal de freno y la falla prematura de los componentes de los frenos

8. Grasa SKF GHG

Beneficios: fórmula exclusiva y patentada que optimiza el rendimiento y la vida útil de los rodamientos, ya que minimiza la fricción



ADVERTENCIA!

La selección adecuada de los productos que figuran a la venta en este catálogo es esencial para minimizar el riesgo de que se produzcan fallos en los sellos, casquillos u otro tipo de fallo en el producto. Dichos fallos pueden provocar daños a la propiedad o lesiones personales graves a los operadores de maquinaria, vehículos o a otras personas. Debe evaluar cuidadosamente la aplicación particular en la que pretende instalar los productos. Los productos de este catálogo requieren ser instalados por un mecánico profesional experimentado o un profesional de mantenimiento capacitado.

Las propiedades del producto y los parámetros de funcionamiento descritos en este catálogo se basan en ensayos realizados por SKF o comunicados por otros. SKF no asume responsabilidad alguna por los errores en los datos publicados en este catálogo. La vida útil y el rendimiento de los productos dependen en última instancia de una serie de factores. Estos incluyen, por ejemplo, la selección del tipo de diseño del producto, la selección de los materiales por sus diferentes propiedades, la manipulación y la instalación, las condiciones de funcionamiento, incluidas las condiciones de la superficie del eje o del agujero, la cantidad, la calidad y la química de los lubricantes y otros factores. Los entornos severos pueden afectar de manera negativa a la vida útil o al rendimiento del producto. Para obtener ayuda para lograr una mayor vida útil de los productos SKF y un rendimiento óptimo para su aplicación específica, comuníquese con el Departamento de Atención al Cliente de SKF por teléfono al 1-800-882-0008.

GARANTÍA LIMITADA

SKF garantiza al primer comprador que los productos vendidos por éste, cuando estuviesen instalados de manera correcta, no contendrán defectos de material y fabricación. La única obligación y responsabilidad de SKF por cualquier defecto contrario a esta garantía limitada en un producto vendido por SKF y el único y exclusivo recurso del comprador para dicho defecto, se limitará a: (A) el suministro por parte de SKF, sin cargo adicional para el comprador, incluido el transporte, de un reemplazo para cualquiera de los productos vendidos por SKF que se encontrasen defectuosos en contra de esta garantía limitada y (B) en el caso de productos que no pudiesen ser reparados o reemplazados por SKF, SKF acreditará o reembolsará al comprador el precio de compra pagado por ello; se establece que se debe notificar a SKF por escrito de cualquier disconformidad del producto dentro de los treinta (30) días siguientes a la fecha de su descubrimiento y el producto no conforme debe devolverse franco a bordo al almacén designado por SKF con prontitud, pero en ningún caso después del vencimiento del período de garantía aplicable al producto, tal como se indica a continuación: (1) los productos (excepto las unidades de cubo de carga ligera y los kits de cadena de distribución) están garantizados por SKF durante un período de doce (12) meses a partir de la fecha de compra; (2) las unidades de rodamiento de cubo de carga ligera están garantizadas durante un período de sesenta (60) meses a partir de la fecha de compra o 60.000 millas (100.000 kilómetros), lo que ocurriese primero; (3) los kits de cadena de distribución están garantizados por un período de veinticuatro (24) meses a partir de la fecha de compra o 30.000 millas (48.000 kilómetros), lo que ocurriese primero y (4) las juntas en U están sujetas a una garantía limitada de por vida. Se requiere una prueba válida de la fecha de compra/millaje. En ningún caso SKF estará obligada, en virtud de esta garantía limitada o de cualquier otro modo, por el desgaste normal o por cualquier producto vendido por SKF que, después de la entrega por parte de SKF y según la única determinación de SKF, se hubiese sometido a un accidente, a un abuso, a una aplicación incorrecta, a una reparación o instalación incorrecta o deficiente, a un mantenimiento o lubricación incorrecta o defectuosa, a cualquier alteración o negligencia, a una carga excesiva o a otras condiciones de funcionamiento excesivas o por defectos causados o resultantes de las especificaciones o diseños del comprador o causados de otro modo por el comprador. ESTRICTA O DE OTRO TIPO, POR CUALQUIER OTRO RECURSO O DAÑO, YA SEA DIRECTO O INDIRECTO, INCIDENTAL, ESPECIAL, EJEMPLAR O CONSECUENTE CON RESPECTO A SU DESEMPEÑO EN ESTE DOCUMENTO, INCLUIDOS, ENTRE OTROS, LOS PRODUCTOS VENDIDOS O SUMINISTRADOS POR SKF EN ESTE DOCUMENTO Y SU PRESTACIÓN DE CUALQUIER SERVICIO RELACIONADO. ESTA GARANTÍA LIMITADA EXCLUYE TODAS LAS DEMÁS GARANTÍAS, EXPRESAS O IMPLÍCITAS, INCLUIDAS LAS GARANTÍAS DE COMERCIALIZACIÓN O IDONEIDAD PARA UN FIN DETERMINADO. LOS COSTOS DEL MANTENIMIENTO DE RUTINA NO ESTÁN CUBIERTOS POR ESTA GARANTÍA LIMITADA. Sin limitar la generalidad de lo anterior, SKF rechaza de manera específica la responsabilidad ante el comprador por cualquier pérdida, coste o daño incurridos como resultado del tiempo de inactividad del equipo o la pérdida de uso o disponibilidad del lugar de trabajo, la pérdida de ingresos o la pérdida de beneficios, independientemente de si SKF estuviese al corriente de la posibilidad de dichos daños o pérdidas y de si los hubiese previsto o podría haberlos previsto. Ninguna otra persona ha sido autorizada por SKF para asumir o hacer en nombre de SKF cualquier otra declaración, garantía o aval que se sumase o fuese contrario a esta garantía limitada o que fuese contrario a las limitaciones y renunciaciones aquí previstas. No se considerará que los recursos exclusivos previstos en esta garantía limitada hayan dejado de cumplir su propósito esencial mientras SKF estuviese dispuesta y fuese capaz de cumplir en la medida y de la manera prescrita en esta garantía limitada.

ALGUNOS ESTADOS NO PERMITEN LA LIMITACIÓN DE LA DURACIÓN DE UNA GARANTÍA IMPLÍCITA O LA EXCLUSIÓN O LIMITACIÓN DE LOS DAÑOS INCIDENTALES O CONSECUENTES, POR LO QUE LAS EXCLUSIONES O LIMITACIONES ANTERIORES PUEDEN NO SERLE APLICABLES. Esta garantía limitada le otorga derechos legales específicos y también puede tener otros derechos, que varían de un estado a otro.

INFORMACIÓN Y DEVOLUCIONES: este catálogo se refiere a los productos tal y como se diseñaron antes de su publicación y no cubre los cambios de productos realizados después de su fecha de publicación. Las consultas pueden dirigirse a: SKF Customer Service Department, 890 North State Street, Suite 200, Elgin, IL 60123 o llamar al 1-800-882-0008. Cualquier error en el envío (por exceso en la cantidad de producto o por producto que no coincidiese con la descripción dada por el comprador en su pedido) puede ser devuelto por SKF para su abono o sustitución, siempre que el comprador avisara a SKF por escrito de dicha disconformidad en un plazo de 30 días después de la entrega del producto al comprador y solo después de que SKF lo autorizara por escrito. Las devoluciones aprobadas deben enviarse a fletes pagados y llegar en buenas condiciones de venta para poder optar a un crédito o a una sustitución. SKF no estará obligada a aceptar la devolución de ningún producto vendido o distribuido por ella.

AVISO: los sistemas de numeración de piezas de los productos SKF son propiedad de SKF. Cualquier uso inadecuado o no autorizado de estos sistemas de numeración, incluida la adopción o el uso de cualquiera de sus números de pieza o listas de números de pieza, incluso cuando fuesen objeto de modificación o adición, está estrictamente prohibido y será perseguido por SKF como una infracción a las leyes de derechos de autor, marcas comerciales y competencia desleal de los EE. UU. y del extranjero. Además, el uso de cualquier marca registrada, nombre comercial o esquema de embalaje, sistemas, colores o diseños de SKF se considera igualmente una violación de los derechos de marcas, nombres comerciales e identidades comerciales de SKF USA Inc. y sus filiales. La posible violación de dicho uso debe ser puesta en conocimiento de SKF: SKF USA Inc., 890 Forty Foot Road, Lansdale, PA 19446, Attn: Catalog Manager.

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Codes de notes en bas de page

- En ce qui concerne les directives de montage sur les roulements de réparation d'essieu, reportez vous à la page 3C.
- Utilisez le vieux circlip.
- x X-Tracker^{MD} Conception.
- [] Indique les quantités nécessaires.

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Ensemble de roulements de réparation d'essieu

Certains roulements de roues arrière utilisent l'essieu comme une cage interne, c.-à-d. que les rouleaux du roulement sont en contact direct avec l'arbre de l'essieu. Il s'ensuit que les rouleaux peuvent creuser une gorge dans l'essieu. Jusqu'à présent, la seule solution consistait à remplacer l'essieu proprement dit, démarche onéreuse pour réparer le véhicule. Les essieux usés peuvent désormais être réutilisés en installant un ensemble de réparation de roulement d'essieu.

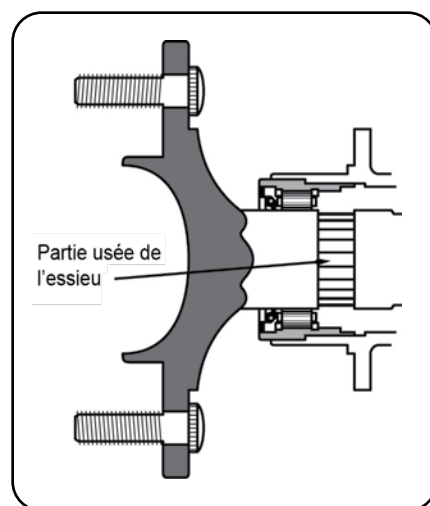
Il suffit d'installer un ensemble de réparation de roulement d'essieu neuf dans le moyeu de roue. Les rouleaux et le joint du nouvel ensemble de réparation de roulement tourneront alors sur une partie intacte de l'essieu. L'ensemble de réparation de roulement d'essieu remplace à la fois le roulement et le joint traditionnel sans exiger des pièces supplémentaires. Nous fabriquons deux types de ce roulement de réparation. Le type le plus commun est un roulement de réparation scellé simple, graissé par le différentiel. Le second type est un roulement de réparation scellé double. Ce roulement est prélubrifié pour toute sa durée de vie utile et il n'a pas besoin de l'huile du différentiel pour fonctionner.

Six numéros de pièces seulement (R1559, R1561-F, R1561-G, R1563, R57509 et R59047) couvrent les essieux Chrysler, Ford et GM les plus répandus. Chaque ensemble de roulement de réparation est livré prêt au montage pour un service rapide et fiable. Pour plus de commodité, l'ensemble de roulement figure sur une liste de la section applications du présent catalogue. Il suffit de chercher le véhicule en questions, et l'ensemble traditionnel de joint et de roulement ainsi que l'ensemble de roulement de réparation d'essieu sont indiqués, s'il y a lieu.

N'oubliez pas de toujours vérifier la profondeur du boîtier du tube d'essieu avant le montage. Comparez cette profondeur à la largeur du roulement de réparation. Certains modèles ont un tube d'essieu rétréci qui ne permet pas d'asseoir le roulement à fond.

Dispositif de garnissage de roulements coniques – BP270

- Le dispositif SKF permet de faire un travail professionnel
- Il permet de maintenir un environnement propre, ce qui est essentiel à la durée de service du roulement
- Il permet l'enlèvement complet de la graisse usée et la mise en place de la graisse neuve
- Le dispositif est doté d'économiseurs de graisse pour les roulements de plus grande taille
- Des instructions complètes sont fournies



X-Tracker^{MD}

Une gamme unique de roulements de roue haute performance signée SKF



Spécialement conçus pour les voitures, les camions légers et les VUS

Les roulements de roue X-Tracker^{MD} de SKF ont été conçus pour répondre aux demandes des constructeurs désirant un roulement haute performance qui procure une précision accrue dans les manœuvres et les freinages. Utilisés dans les voitures de tourisme, les camions légers et les VUS, ils améliorent la tenue de route et le confort.

Un roulement à billes à contact oblique à double rangée (la rangée extérieure, de diamètre supérieur, contenant plus de billes que la rangée intérieure) est un concept unique permettant d'augmenter la capacité de charge du roulement et d'améliorer la rigidité du moyeu de 50 % par rapport à un roulement conique traditionnel.

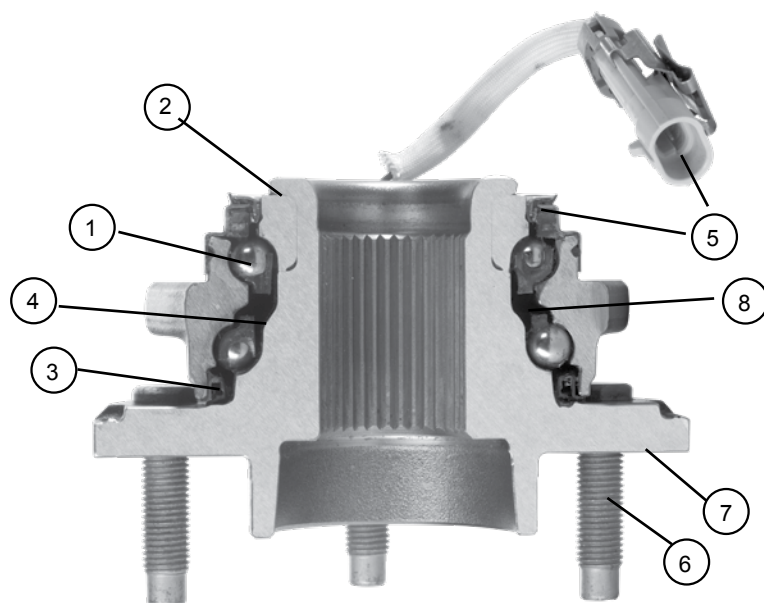
Ce produit présente de multiples avantages :

- Il améliore la précision de rotation de la roue durant les virages et l'accélération
- Il diminue l'inclinaison du moyeu et de la roue pour une meilleure direction, manœuvrabilité et dynamique du véhicule
- Il réduit l'usure des freins grâce à une meilleure concentricité des disques, d'où une réduction des coûts de réparation en vertu de la garantie des freins
- Il procure un niveau réduit de bruit, de vibration et de rudesse (NVH), et des performances accrues
- Il propose aux concepteurs et aux assembleurs une alternative aux roulements coniques, leur offrant ainsi la liberté d'améliorer l'ensemble des performances du véhicule

^{MD} X-Tracker est une marque déposée du groupe SKF.

X-Tracker^{MD}

SKF est un fabricant de roulements de roue destinés aux constructeurs de véhicules automobiles du monde entier. Les roulements de roue SKF d'une qualité optimale, fabriqués à partir d'aciers de première qualité, sont dotés de joints d'étanchéité et de capteurs ABS haut de gamme. Chaque roulement est usiné pour obtenir des finis de surface haute précision, dans le respect des tolérances d'assemblage des constructeurs. Chaque roulement haut de gamme SKF a subi avec succès les essais de conformité aux spécifications des pièces d'origine. Les roulements SKF procurent un ajustement précis à l'installation, fonctionnent bien, sont fiables et sûrs pour les véhicules.



1. Technologie du X-Tracker^{MD} de SKF intégrée aux roulements de roue haut de gamme SKF

Avantages : Réponse à la demande des automobilistes pour un confort de conduite accru; roulement qui améliore la précision de la direction, la manœuvrabilité et la dynamique du véhicule, ainsi que les performances du système de freinage

2. Formage par profilage

Avantages : Permet un préchargement de précision et accroît la robustesse du roulement dans son ensemble, ce qui procure une fixation plus solide et plus sécuritaire au joint homocinétique et à la fusée

3. Joint d'étanchéité

Avantages : Joint à lèvres multiples qui offre une protection optimale contre les poussières et les contaminants, et qui maintient la graisse à l'intérieur du roulement pour une durée de vie prolongée

4. Cage du roulement

Avantages : Cage de conception brevetée offrant une capacité de charge supérieure et un faible niveau de contraintes sur la piste; roulement qui fonctionne en douceur pour une conduite confortable

5. Capteur ABS (système de freinage antiblocage)

Avantages : Capteur identique à la pièce d'origine qui assure une bonne réaction et une bonne performance des freins

6. Goujons de fixation de la roue

Avantages : Goujons de qualité identique à celle des pièces d'origine, très résistants à la traction afin de réduire les risques de perte de roue

7. Voile latéral faible

Avantages : Permet un meilleur ajustement du roulement de roue sur le disque de frein, ce qui prévient les pulsations dans la pédale de frein et la défaillance prématurée des composants du frein

8. Graisse SKF (GHG)

Avantages : Sa formule exclusive et brevetée procure une performance et une durée de vie optimales du roulement en minimisant le frottement



AVERTISSEMENT!

Il est essentiel d'effectuer le bon choix dans les produits mis en vente dans ce catalogue afin de minimiser tout risque de défaillance d'un sceau, d'un roulement ou de toute autre pièce. Ces défaillances peuvent entraîner des dommages matériels ou des blessures graves aux opérateurs de machinerie, de véhicules ou à d'autres personnes. Vous devez évaluer soigneusement l'application dans laquelle vous avez l'intention d'installer les produits. Les produits de ce catalogue doivent être installés par un mécanicien professionnel expérimenté ou par un professionnel d'entretien qualifié.

Les propriétés et les paramètres de fonctionnement des produits décrits dans ce catalogue sont basés sur des essais menés par SKF ou rapportés par d'autres sociétés. SKF décline toute responsabilité en cas d'erreurs dans les données publiées dans ce catalogue. La durée de vie et les performances des produits dépendent d'un certain nombre de facteurs, dont entre autres, les types de conception des produits, les différents matériaux employés selon leurs propriétés, la manipulation et l'installation, les conditions d'utilisation, y compris l'état de l'alésage ou de la surface de l'arbre, la quantité, la qualité et la composition chimique des lubrifiants. Des environnements rigoureux peuvent avoir un effet négatif sur la vie du produit ou sur sa performance. Pour aider à prolonger la durée de vie des produits SKF et obtenir des performances optimales pour votre application, veuillez contacter le service à la clientèle de SKF au 1-800-882-0008.

GARANTIE LIMITÉE

SKF garantit à l'acheteur original que les produits qu'elle a vendus seront, lorsque correctement installés, exempts de défauts de matériaux et de fabrication. Les seules obligations et responsabilités de SKF concernant les dommages constatés dans un produit vendu par SKF et qui sont contraires à la présente garantie, et le seul recours exclusif de l'acheteur pour un tel défaut, se limitent aux points suivants : (A) SKF remettra à l'acheteur sans frais supplémentaires, y compris les frais de transport, un remplacement pour tout produit vendu par SKF et trouvé défectueux par SKF, contrairement à cette garantie limitée, et (B) dans le cas d'un produit qui ne peut être réparé ou remplacé par SKF, SKF offrira à l'acheteur un crédit ou un remboursement du prix d'achat payé pour le produit, à condition que SKF ait été avisée par écrit de la non-conformité de tout produit dans les trente (30) jours suivant la date de la découverte de ces défauts, et le produit non conforme doit être retourné FOB à l'entrepôt désigné par SKF dans les plus brefs délais, mais en aucun cas après l'expiration de la période de garantie applicable au produit, comme suit : (1) Les produits (à l'exception des moyeux à service léger et des kits de courroies de distribution) sont garantis par SKF pendant une durée de douze (12) mois suivant la date d'achat; (2) les moyeux de roulement de roues à service léger sont garantis pendant une durée de soixante (60) mois suivant la date d'achat, ou 60 000 miles (100 000 kilomètres), la date la plus rapprochée prévalant; (3) les kits de courroies de distribution sont garantis pendant une durée de vingt-quatre (24) mois suivant la date d'achat, ou 30 000 miles (48 000 kilomètres), la date la plus rapprochée prévalant; et (4) les joints en U font l'objet d'une garantie à vie limitée. Preuve d'achat/de kilométrage valide obligatoire. En aucun cas, SKF ne sera tenue responsable, en vertu de cette garantie ou autrement, d'une usure normale, ou de tout produit vendu par SKF qui, après livraison par SKF et à l'entière discrétion de SKF, a été soumis à un accident, un abus, une mauvaise application, une réparation ou une installation incorrecte ou défectueuse, un entretien ou une lubrification inadéquate ou défectueuse, une modification ou une négligence, un chargement excessif ou d'autres conditions d'utilisation excessives, ou des défauts causés par ou résultant de spécifications ou de conceptions de l'acheteur ou autrement causés par l'acheteur. **DANS TOUTE LA MESURE PERMISE PAR LA LOI APPLICABLE, SKF REJETTE LA RESPONSABILITÉ DÉLICTELLE OU CONTRACTUELLE, PAR NÉGLIGENCE, RESPONSABILITÉ STRICTE OU AUTRE, POUR TOUT AUTRE RECOURS OU DOMMAGE, DIRECT OU INDIRECT, ACCESSOIRE, SPÉCIAL, EXEMPLAIRE OU CONSÉCUTIF EN RAPPORT AVEC SA PERFORMANCE EN VERTU DES PRÉSENTES, Y COMPRIS ET SANS S'Y LIMITER, LES PRODUITS VENDUS OU FOURNIS CI-DESSOUS PAR SKF, ET SA PRESTATION DE TOUT SERVICE ASSOCIÉ. CETTE GARANTIE LIMITÉE EXCLUT TOUTE AUTRE GARANTIE, EXPLICITE OU IMPLICITE, Y COMPRIS LES GARANTIES DE QUALITÉ MARCHANDE OU D'ADAPTATION À UN USAGE PARTICULIER. LES FRAIS D'ENTRETIEN DE ROUTINE NE SONT PAS COUVERTS PAR CETTE GARANTIE LIMITÉE.** Sans limiter la portée générale des dispositions précédentes, SKF nie toute responsabilité envers l'acheteur pour toute perte, tout coût ou dommage subi à la suite d'un temps d'arrêt, ou toute perte d'usage ou de disponibilité du lieu de travail, toute perte de revenus ou de profits, même si SKF a été avertie de la possibilité de tels dommages ou pertes et a, ou aurait pu, anticiper lesdits dommages ou pertes. Aucune autre personne n'est autorisée par SKF à entériner ou faire, au nom de SKF, toute autre déclaration ou garantie autre que ou contraire à la présente garantie limitée ou contraire aux limitations et avis de non-responsabilité qui figurent aux présentes. Les recours exclusifs offerts dans cette garantie limitée ne doivent pas être considérés comme ayant échoué de leur but essentiel aussi longtemps que SKF est désireuse et capable de les réaliser dans la mesure et selon les modalités prévues dans la présente garantie.

Cette garantie limitée vous donne des droits juridiques particuliers, et vous pourriez aussi avoir d'autres droits, qui peuvent varier d'un État à l'autre.

CERTAINS ÉTATS N'AUTORISENT PAS LES LIMITATIONS CONCERNANT LA DURÉE D'UNE GARANTIE IMPLICITE OU L'EXCLUSION OU LA LIMITATION DES DOMMAGES ACCESSOIRES OU CONSÉCUTIFS; LES EXCLUSIONS ET LES LIMITATIONS CI-DESSUS PEUVENT NE PAS S'APPLIQUER À VOUS. Cette garantie limitée vous donne des droits juridiques particuliers, et vous pourriez aussi avoir d'autres droits, qui peuvent varier d'un État à l'autre.

INFORMATION ET RETOURS : Ce catalogue fait référence à des produits conçus avant sa publication, et ne couvre pas les modifications de produits effectuées après sa date de publication. Les questions peuvent être adressées à : SKF Customer Service Department, 890 North State Street, Suite 200, Elgin, IL 60123, ou composez le 1 800 882-0008. Toute erreur d'envoi (concernant des envois de volumes de produits supérieurs ou de produits ne correspondant pas à la description donnée à l'acheteur lors de la commande) peut faire l'objet d'un retour en échange d'un crédit ou d'un remplacement par SKF, à condition que SKF soit avisée par écrit par l'acheteur d'une telle non-conformité dans les 30 jours suivant la livraison du produit à l'acheteur, et seulement après que SKF ait donné une autorisation écrite. Les retours autorisés doivent être expédiés port payé et arriver en bon état commercialisable afin d'obtenir un crédit ou un remplacement. SKF n'est autrement pas obligé d'accepter le retour de tout produit qu'elle a vendu ou distribué.

AVIS: Les systèmes de numérotation des pièces SKF sont la propriété de SKF. Toute utilisation abusive ou non autorisée de ces systèmes de numérotation, y compris l'adoption ou l'utilisation de l'un de ces numéros de pièce ou des listes de numéros de pièces, même si ces produits font l'objet de modifications ou d'ajouts, est strictement interdite et sera poursuivie par SKF comme une violation des lois sur les droits d'auteur, les marques et sur la concurrence déloyale aux États-Unis et à l'étranger. En outre, l'utilisation d'une marque de commerce, d'un nom commercial ou d'un système d'emballage de SKF, des systèmes, couleurs ou dessins de SKF est également considérée comme une violation des droits des marques de commerce, noms commerciaux et identités du commerce de SKF USA Inc et de ses sociétés affiliées. Toute violation potentielle d'une telle utilisation devrait être portée à l'attention de SKF : SKF USA Inc., 890 Forty Foot Road, Lansdale, PA 19446, À l'attention de : Catalog Manager.

Remarques

Passenger cars, light & medium trucks

			Acura		
MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Engine		
2021-2016 ILX:			Camshaft		
Sealed Bearing	[2]	FW48	2016-2014 RLX:		
2020-2015 TLX:			Seal		15701
Sealed Bearing	[2]	FW202	2015 TLX w/ 3.5L Eng.:		
C-Clip	[2]	CIR97	Seal		15701
Axle Shaft			Crankshaft-Rear		
2021-2014 ILX, RLX & TLX:			2021-2019 2.0L Eng.:		
Seal	[2]	16541A	Seal		31507
Bearing	[2]	SC0889	(Speedi-Sleeve)		99313
Wheel Rear			2021-2006 2.4L Eng.:		
2020-2015 TLX w/ FWD:			Seal		31507
Hub Assembly	[2]	BR930856	(Speedi-Sleeve)		99313
2020-2014 RLX w/ AWD:			2020-2006 3.5L Eng.:		
Hub Assembly	[2]	BR931128	Seal		31495
Transaxle-Automatic			(Speedi-Sleeve)		99313
Differential			2015-2013 2.0L Eng.:		
2015-2014 RLX:			Seal		31507
Bearing (L.H.)		BR153	(Speedi-Sleeve)		99313
Bearing (R.H.)		BR149	Timing Cover		
2014-2012 TL:			2021-2006 2.4L Eng.:		
Bearing (L.H.)		BR153	Seal		16896
Bearing (R.H.)		BR149	(Speedi-Sleeve)		99182
2014-2010 TSX w/ 3.5L Eng.:			2020-2017 3.5L Eng. Exc. NSX:		
Bearing (L.H.)		BR148	Seal		16473
Bearing (R.H.)		BR152	(Speedi-Sleeve)		99169
2011-2007 TL:					
Bearing (L.H.)		BR152			
Bearing (R.H.)		BR148			
Transaxle-Manual					
Output Shaft					
2015-2013 ILX:					
Seal (L.H.)		15888			
Seal (R.H.)		13726			
2014-2006 RSX & TSX:					
Seal (L.H.)		15888			
Seal (R.H.)		13726			

			Acura CUV		
Wheel Front			Wheel Rear		
2020-2017 RDX:			2020-2017 MDX w/ FWD:		
Sealed Bearing	[2]	FW97	Hub Assembly	[2]	BR931130
C-Clip	[2]	CIR97	2020-2017 MDX w/ AWD:		
2016-2011 RDX:			Hub Assembly	[2]	BR931131
Sealed Bearing	[2]	FW97	Axle Shaft		
C-Clip	[2]	CIR97	2021-2019 RDX:		
2010-2007 RDX:			Seal	[2]	13702A
Sealed Bearing	[2]	FW97	2018-2013 RDX:		
C-Clip	[2]	CIR97	Seal	[2]	12605A
Hub Assembly (Kit)	[2]	BR930583K	Transaxle-Automatic		
Axle Shaft			Differential		
2020-2013 RDX:			2016-2013 RDX:		
Seal	[2]	16541A	Bearing (L.H.)		BR153
Bearing	[2]	SC0889	Bearing (R.H.)		BR149
2020-2010 MDX & ZDX:			2014-2011 MDX:		
Seal	[2]	16541A	Bearing (L.H.)		BR153
Bearing	[2]	SC0889	Bearing (R.H.)		BR149
			(Continued)		

Acura CUV -- (Cont.)

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transaxle-Automatic (Cont.)			Engine (Cont.)		
Differential (Cont.)			Timing Cover		
2013-2011 ZDX:			2021-2019 2.0L Eng.:		
Bearing (L.H.)		BR153	Seal		16896
Bearing (R.H.)		BR149	(Speedi-Sleeve)		99182
2012-2007 RDX:			2020-2017 3.0L Eng.:		
Bearing (L.H.)		BR148	Seal		16473
Bearing (R.H.)		BR152	(Speedi-Sleeve)		99169
2010 ZDX:			2020-2013 3.5L Eng.:		
Bearing (L.H.)		BR148	Seal		16473
Bearing (R.H.)		BR152	(Speedi-Sleeve)		99169
2010-2007 MDX:					
Bearing (L.H.)		BR148			
Bearing (R.H.)		BR152			
Engine					
Crankshaft-Rear					
2020-2017 3.0L Eng.:					
Seal		31495			
(Speedi-Sleeve)		99313			
2020-2013 3.5L Eng.:					
Seal		31495			
(Speedi-Sleeve)		99313			

Audi

Wheel Front			Wheel Rear (Cont.)		
2021-2016 TT & TT Quattro:			2020-2018 A5 Quattro & A5 Sportback:		
Hub Assembly	[2]	BR930966	Hub Assembly	[2]	WKH7097
2020-2015 A3, A3 Quattro & S3 w/o AWD:			2020-2017 A4 allroad:		
Hub Assembly	[2]	BR930966	Hub Assembly	[2]	WKH7097
2018-2012 A6 & A6 Quattro:			2020-2015 A3 Exc. Quattro:		
Hub Assembly	[2]	BR930817	Hub Assembly	[2]	BR930524
Bearing Kit	[2]	WKH6649F	2018-2014 RS7:		
2017-2008 A5 & A5 Quattro:			Hub Assembly	[2]	BR930817
Hub Assembly	[2]	BR930817	2018-2013 S4, S5, S6, S7 & S8:		
Bearing Kit	[2]	WKH6649F	Hub Assembly	[2]	BR930817
2015-2009 A4 & A4 Quattro:			2018-2012 A4, A5 & A6:		
Hub Assembly	[2]	BR930817	Hub Assembly	[2]	BR930877
Bearing Kit	[2]	WKH6649F	2017-2012 A4 Quattro, A5 Quattro & A6 Quattro:		
2015-2009 TTS Quattro:			Hub Assembly	[2]	BR930817
Hub Assembly	[2]	BR930623	Bearing Kit	[2]	WKH6649F
2011-2007 S6:			2015-2009 TTS Quattro:		
Sealed Bearing w/Housing	[2]	FW81	Hub Assembly	[2]	BR930623
Hub Assembly	[2]	WKH6546F	2013-2012 TT RS Quattro:		
Bearing Kit	[2]	WKH6546	Hub Assembly	[2]	BR930623
2011-2006 A6 Quattro w/ 4.2L Eng.:			Transaxle-Automatic		
Sealed Bearing w/Housing	[2]	FW81	Output Shaft		
Hub Assembly	[2]	WKH6546F	2012-2009 8 Spd. Trans.:		
Bearing Kit	[2]	WKH6546	Seal (L.H.)		15818
2010-2007 S8:			Seal (R.H.)		15818
Sealed Bearing w/Housing	[2]	FW81	Engine		
Hub Assembly	[2]	WKH6546F	Crankshaft-Rear		
Bearing Kit	[2]	WKH6546	2012-2008 R8 w/ 4.2L Eng.:		
2010-2006 A8 Quattro:			Seal		34666
Sealed Bearing w/Housing	[2]	FW81			
Hub Assembly	[2]	WKH6546F			
Bearing Kit	[2]	WKH6546			
Wheel Rear					
2021-2017 A4 Quattro:					
Hub Assembly	[2]	WKH7097			
2020-2018 S5:					
Hub Assembly	[2]	WKH7097			

Passenger cars, light & medium trucks

Audi CUV					
MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front 2021-2019 Q3 & Q3 Quattro: Hub Assembly [2] BR930966					
Wheel Rear 2020-2015 Q3: Hub Assembly [2] BR930622					
Pinion Front Axle 2010-2007 Q7: Seal 19740A					
BMW					
Wheel Front 2021 530e: Hub Assembly [2] BR931112 2021 430i: Hub Assembly [2] BR931112 2021-2020 840i: Hub Assembly [2] BR930941 2021-2020 228i xDrive Grand Coupe: Hub Assembly [2] BR930977 2021-2020 235i xDrive Gran Coupe: Hub Assembly [2] BR930977 2021-2020 M340i: Hub Assembly [2] BR931112 2021-2019 330i: Hub Assembly [2] BR931112 2021-2019 Z4: Hub Assembly [2] BR931112 2021-2018 i3 & i3s: Hub Assembly [2] BR930938 2021-2017 530i & 540i: Hub Assembly [2] BR931112 2021-2016 7 Series w/ RWD: Hub Assembly [2] BR930941 2020-2019 i8: Hub Assembly [2] BR930977 2020-2017 2 Series w/ xDrive: Hub Assembly [2] BR930917 2020-2014 4 Series w/ AWD: Hub Assembly [2] BR930917 2019-2014 3 Series w/ AWD: Hub Assembly [2] BR930917 2019-2014 4 Series w/ RWD: Hub Assembly [2] BR930885 2018-2014 3 Series w/ RWD: Hub Assembly [2] BR930885			Wheel Front (Cont.) 2018-2012 M5 & M6: Hub Assembly [2] BR930526 2018-2011 Alpina B Series w/ RWD: Hub Assembly [2] BR930510 2018-2011 Alpina B Series w/ AWD: Hub Assembly [2] BR930929K 2017-2014 i8: Hub Assembly [2] BR930977 2017-2010 5 Series w/ AWD: Hub Assembly [2] BR930929K		
			Wheel Rear 2021-2018 i3 & i3s: Hub Assembly [2] BR930977 2020-2019 i8: Hub Assembly [2] BR930977 2020-2017 2 Series: Sealed Bearing [2] GRW277 2017-2014 i3 & i8: Hub Assembly [2] BR930977		
BMW CUV X1, X3, X4, X5, X6					
Wheel Front 2021-2019 X3: Hub Assembly [2] BR931112 2021-2018 X2: Hub Assembly [2] BR930977 2021-2016 X1: Hub Assembly [2] BR930977 2017-2011 X3: Hub Assembly [2] BR930929K			Wheel Rear 2019-2007 X5 & X6: Hub Assembly [2] BR930751 2018-2015 X4: Hub Assembly [2] BR930847		
			Engine Timing Cover 2015-2013 4.4L xDrive Series: Seal 17445		

Passenger cars, light & medium trucks

Buick (FWD) Cascada

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Engine					
Timing Cover					
2019-2016 1.6L Eng.:					
Seal		17659			

Buick (FWD) LaCrosse, Regal, Verano

Wheel Front			Transaxle-Automatic (Cont.)		
2020-2018 Regal Sportback:			Output Shaft		
Hub Assembly	[2]	BR930954	2011 AF40-6 Trans.:		
2020-2018 Regal TourX:			Seal (L.H.)	13747A	
Hub Assembly	[2]	BR930954	Seal (R.H.)	13747A	
Wheel Rear					
2020-2018 Regal Sportback w/ AWD:					
Hub Assembly	[2]	BR930954			
2020-2018 Regal TourX:					
Hub Assembly	[2]	BR930988			
Transaxle-Automatic					
Front Pump					
2011 AF40-6 Trans.:					
Seal		18516			

Buick CUV Enclave

Engine		
Timing Cover		
2019-2008 3.6L Eng.:		
Seal		19695A

Buick CUV Encore

Wheel Front		
2021 Encore GX:		
Hub Assembly	[2]	BR930954
Wheel Rear		
2021-2016 FWD:		
Hub Assembly	[2]	BR930986
2021-2013 AWD:		
Sealed Bearing	[2]	FW219

Cadillac (RWD) ATS, CTS

Wheel Front (2 W/D)			Engine		
2021-2020 CT4:			Timing Cover		
Hub Assembly	[2]	BR930954	2019-2016 3.0L Eng.:		
Wheel Rear			Seal	19695A	
2021-2020 CT4:			2019-2006 3.6L Eng.:		
Hub Assembly	[2]	BR930988	Seal	19695A	
Axle Shaft					
2015-2008 CTS:					
Seal	[2]	15574A			

Passenger cars, light & medium trucks

Cadillac CUV XT5					
MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Engine					
Crankshaft-Rear					
2020-2017 3.6L Eng.:					
Seal		38085			
Timing Cover					
2019-2017 3.6L Eng.:					
Seal		19695A			
Cadillac CUV SRX (from 2010)					
Transaxle-Automatic					
Front Pump					
2010 AF40-6 Trans.:					
Seal		18516			
Cadillac Truck US & Canada, Escalade					
Wheel Front (2 W/D)			Differential		
2020-2015 Escalade:			Kit Rear		
Hub Assembly	[2]	BR930915	2019-2015 9.75" Ring Gear:		
Wheel Front (A.W.D.)			Standard Seal & Bearing Kit		
2020-2015 Escalade:			Master Seal & Bearing Kit		
Hub Assembly	[2]	BR930914	2019-2015 9.50" Ring Gear:		
Axle Shaft			Standard Seal & Bearing Kit		
2020-2007 All:			Master Seal & Bearing Kit		
Seal	[2]	12470			
Bearing (L.H.)		B2010			
Bearing (R.H.)		BH208			
Bearing (Pilot)		BH78			
Wheel Rear					
2020-2006 Escalade:					
Seal	[2]	16146			
Bearing	[2]	DK59047			
(Axle Repair Brg. Assy.)	[2]	R59047			
Cadillac Truck SRX (thru 2009)					
Drive Shaft					
2009-2006 SRX:					
Bearing & Support		HB2908-10			
Chevrolet (FWD) Aveo, Bolt, Cruze, Malibu, Sonic, Spark, Volt					
Wheel Front			Wheel Rear		
2021-2016 Malibu:			2021-2017 Spark:		
Hub Assembly	[2]	BR930954	Hub Assembly	[2]	BR930956
2020-2012 Sonic:			2021-2016 Malibu:		
Sealed Bearing	[2]	FW219	Hub Assembly	[2]	BR930988
2019-2017 Cruze:			2020-2016 Sonic:		
Hub Assembly	[2]	BR930960	Hub Assembly	[2]	BR930986
2019-2017 Bolt EV:			2019-2017 Cruze:		
Hub Assembly	[2]	BR930960	Hub Assembly	[2]	BR930959
2019-2016 Volt:			2019-2017 Bolt EV:		
Hub Assembly	[2]	BR930960	Hub Assembly	[2]	BR930959
2015-2011 Volt:			2019-2016 Volt:		
Hub Assembly	[2]	BR930954	Hub Assembly	[2]	BR930959
			(Continued)		

Chevrolet (FWD) Aveo, Bolt, Cruze, Malibu, Sonic, Spark, Volt -- (Cont.)

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transaxle-Manual			Engine		
Differential			Timing Cover		
2010-2006 MU3 Trans.:			2019-2016 1.8L Hybrid Eng.:		
	Bearing	[2] 32010-X VP		Seal	17659
Input Shaft				(Speedi-Sleeve)	99177
2013 Y4M HD Trans.:					
	Bearing (L.H.)	6206-2RSJ			
2010-2006 MU3 Trans.:					
	Bearing (Front)	BR4			
	(Set Components)	L44649 VP/L44610 VP			
	Bearing (Rear)	BR30206			
Output Shaft					
2014-2012 M26 Trans.:					
	Seal	[2] 13703			

Chevrolet (FWD) Impala

Wheel Front		
2018-2017 Impala:		
	Hub Assembly (X-Tracker)	[2] BR930777
Wheel Rear		
2018-2017 Impala:		
	Hub Assembly (X-Tracker)	[2] BR930777
Engine		
Timing Cover		
2019-2012 3.6L Eng.:		
	Seal	19695A

Chevrolet (FWD) HHR

Transaxle-Manual		
Input Shaft		
2010-2008 F35 Trans.:		
	Bearing (Front)	BR4
	(Set Components)	L44649 VP/L44610 VP
	Bearing (Rear)	BR30206

Chevrolet (RWD) Camaro

Pinion			Engine		
Rear Axle			Timing Cover		
2017-2016 Camaro w/o Limited Slip Diff.:			2019-2010 3.6L Eng.:		
	Seal	14854A		Seal	19695A
Transmission-Automatic					
Rear					
2014-2010 6L80 & 6L90 Trans.:					
	Seal	18992			
Transmission-Manual					
Input Shaft					
2012-2010 TR6060 Man. Trans.:					
	Seal	12425			
	Bearing	NP559445/NP254157			

Passenger cars, light & medium trucks

Chevrolet (RWD) Corvette					
MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transmission-Manual					
Front					
2013-2008 6 Spd. Trans.:					
Seal		12425			
Bearing		NP559445/NP254157			
Chevrolet/GMC CUV Acadia, Captiva, Equinox, Terrain, Traverse, Trax					
Wheel Front			Engine		
2021 Trailblazer:			Timing Cover		
Hub Assembly		[2] BR930954	2019-2007 3.6L Eng.:		
2021-2015 Trax:			Seal19695A		
Sealed Bearing		[2] FW219			
2020-2018 Equinox & Terrain:					
Hub Assembly		[2] BR931123			
Wheel Rear					
2020-2018 Equinox & Terrain w/ 4 W/D:					
Hub Assembly		[2] BR931123			
2020-2016 Trax w/ FWD:					
Hub Assembly		[2] BR930986			
Transaxle-Automatic					
Output Shaft					
2009-2006 Equinox w/3.4L Eng.:					
Seal (L.H.)		13750			

Chevrolet/GMC Truck Colorado/Canyon, SSR, Trailblazer/Envoy					
Wheel Front (2 W/D)			Transfer Case (Cont.)		
2021-2015 Colorado & Canyon:			Input Shaft		
Hub Assembly		[2] BR930975	2012-2006 Colorado & Canyon:		
Wheel Front (4 W/D)			Seal		15548A
2021-2015 Colorado & Canyon:			Engine		
Hub Assembly		[2] BR930976	Timing Cover		
Wheel Rear			2019-2015 3.6L Eng.:		
Seal		[2] 15694A	Seal		19695A
Bearing		[2] DK59047			
Pinion					
Rear Axle					
2020-2018 Canyon & Colorado w/ 2.5L Eng. & Auto. Trans.:					
Seal		21072A			
Bearing (Inner)		BR137			
(Set Components)		NP159221/NP477489			
Transfer Case					
Front Output Shaft					
2012-2006 Colorado & Canyon:					
Seal		17689A			
Bearing (Front)		6207-J			
2009-2006 Trailblazer SS:					
Seal		13730			
Bearing (Front)		6007-J			
Bearing (Rear)		B5020			

Chevrolet/GMC Truck City Express

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transaxle-Automatic Output Shaft 2015 City Express: Seal (R.H.)20072A					

Chevrolet/GMC Truck Full Size Vans, 1/2 ton van, 3/4 ton van, 1 ton van

Wheel Rear 2020-2009 Express 2500, Savana 2500, Express 3500 & Savana 3500 w/ 9.50" Ring Gear: Seal [2] 17005 Bearing [2] R1561-TV	Engine Timing Cover 2019-2006 6.0L Eng.: Seal21605
Differential Kit Rear 2020-2006 10.50" Ring Gear: Standard Seal & Bearing KitSDK325-B Master Seal & Bearing KitSDK325-BMK	

Chevrolet/GMC Truck 1/2 ton, Suburban 1500

Wheel Front (2 W/D) 2020-2015 Suburban, Tahoe, Yukon & Yukon XL: Hub Assembly [2] BR930915	Pinion (Cont.) Rear Axle (Cont.) 2020-2014 9.50" Ring Gear: Seal21395A Bearing (Inner)BR4895 Bearing (Outer)HM88649/HM88610 Crush Sleeve KitKRS154
Wheel Front (4 W/D) 2020-2015 Suburban, Tahoe, Yukon & Yukon XL: Hub Assembly [2] BR930914	Differential Kit Rear 2020-2014 9.75" Ring Gear: Standard Seal & Bearing KitSDK324-H Master Seal & Bearing KitSDK324-HMK 2020-2014 9.50" Ring Gear: Standard Seal & Bearing KitSDK324-E Master Seal & Bearing KitSDK324-EMK
Axle Shaft 2020-2007 8.25" Ring Gear: Seal [2] 12470 Bearing (Inner)B2010 Bearing (Pilot)BH78	
Intermediate Shaft 2020-2006 8.25" Ring Gear: BearingBH208	
Wheel Rear 2021-2009 All: Seal [2] 16146 Bearing [2] DK59047 (Axle Repair Brg. Assy.) [2] • R59047	
Pinion Rear Axle 2020-2014 9.75" Ring Gear: Seal21395A Bearing (Inner)BR156 Bearing (Outer)HM89249/HM89210 Crush Sleeve KitKRS141	

Passenger cars, light & medium trucks

Chevrolet/GMC Truck 3/4 ton, C2500/K2500

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front (2 W/D) 2019-2011 Silverado HD & Sierra HD: Hub Assembly [2] BR930827			Engine Timing Cover 2019-2006 6.6L Diesel Eng.: Seal 29804 2019-2006 6.0L Eng.: Seal 21605		
Wheel Rear 2021-2011 10.50" & 11.50" Ring Gears: Seal [2] 29587A Bearing (Inner) [2] NP080525/NP543803 Bearing (Outer) [2] NP622157/NP382209 (Set Components) NP622157/NP382209					
Pinion Front Axle 2020-2011 All: Seal 19428 (Speedi-Sleeve) 99193 Bearing (Inner) BR134 (Set Components) NP468253/NP256771 Bearing (Outer) HM88649/HM88610					
Differential Kit Front 2020-2011 9.25" Ring Gear: Standard Seal & Bearing Kit SDK324-D Master Seal & Bearing Kit SDK324-DMK					

Chevrolet/GMC Truck 1 ton

Wheel Front (2 W/D) 2019-2011 Single Rr. Whls.: Hub Assembly [2] BR930827 2019-2011 Dual Rr. Whls.: Hub Assembly [2] BR930830			Differential Kit Front 2020-2011 9.25" Ring Gear: Standard Seal & Bearing Kit SDK324-D Master Seal & Bearing Kit SDK324-DMK		
Wheel Front (4 W/D) 2019-2011 Single Rr. Whls.: Hub Assembly [2] BR930824 2019-2011 Dual Rr. Whls.: Hub Assembly [2] BR930826			Drive Shaft 2015-2011 Cab & Chassis w/ 133.6" Wheel Base: Bearing & Support HB88560		
Wheel Rear 2021-2011 Silverado & Sierra w/ 11.50" Ring Gear: Seal [2] 29587A Bearing (Inner) [2] NP080525/NP543803 Bearing (Outer) [2] NP622157/NP382209 (Set Components) NP622157/NP382209			Engine Timing Cover 2019-2006 6.6L Diesel Eng.: Seal 29804 2019-2006 6.0L Eng.: Seal 21605		
Pinion Front Axle 2019-2017 Suburban 3500HD: Seal 19428					

Chrysler (FWD) US & Canada, Sebring

Transaxle-Automatic Front Pump 2010-2007 62TE Trans.: Seal [1] 15002A

Passenger cars, light & medium trucks

Chrysler (FWD) 200

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transaxle-Automatic Front Pump 2014-2011 62TE Trans.: Seal [1] 15002A					

Chrysler (FWD) US & Canada, Pacifica (from 2017)

Wheel Front 2020-2017 All: Hub Assembly [2] BR930951					
Wheel Rear 2019-2017 w/ Adaptive Cruise Control: Hub Assembly [2] BR930949					
Engine Timing Cover 2021-2017 3.6L Eng.: Seal 17721A					

Chrysler (FWD) Town & Country

Transaxle-Automatic Front Pump 2016-2008 62TE Trans.: Seal 15002A					
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Chrysler (RWD) Crossfire

Pinion Rear Axle 2008-2006 Crossfire: Seal 18690A Bearing (Inner) HM803149 VP/HM803110 Bearing (Outer) BR105					
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Chrysler (RWD) 300 (from 2006)

Wheel Front 2021-2015 RWD: Hub Assembly [2] BR930578 2021-2006 AWD: Hub Assembly [2] BR930447					
Wheel Rear 2021-2015 300: Hub Assembly [2] BR930910					
Axle Shaft 2014-2011 3.6L Eng. w/ AWD: Seal [2] 18690A					
Pinion Rear Axle 2021-2015 All: Seal 19877A 2014-2011 3.6L Eng.: Seal 18690A					

Pinion (Cont.) Rear Axle (Cont.) 2010 All: Seal 18690A Bearing (Inner) HM803149 VP/HM803110 Bearing (Outer) BR105 2010-2006 6.1L Eng.: Seal 18690A Bearing (Inner) HM803149 VP/HM803110 Bearing (Outer) BR105 2009 All: Seal 19485A Bearing (Inner) HM803149 VP/HM803110 Bearing (Outer) BR105 2008 2.7L & 3.5L Eng.: Seal 18690A Bearing (Inner) HM803149 VP/HM803110 Bearing (Outer) BR105 (Continued)					
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Passenger cars, light & medium trucks

(Cont.) -- Chrysler (RWD) 300 (from 2006)

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Pinion (Cont.)			Engine (Cont.)		
Rear Axle (Cont.)			Timing Cover		
2008-2006 5.7L Eng. w/ RWD:			2021-2011 3.6L Eng.:		
Seal		18690A	Seal		17721A
Bearing (Inner)	HM803149 VP/HM803110		2021-2008 5.7L & 6.1L Engs.:		
Bearing (Outer)	BR105		Seal		20024
2008-2006 5.7L Eng. w/ AWD:					
Seal		18690A			
Bearing (Inner)	HM803149 VP/HM803110				
Bearing (Outer)	BR105				
2007-2006 2.7L & 3.5L Engs.:					
Seal		18690A			
Bearing (Inner)	HM803149 VP/HM803110				
Bearing (Outer)	BR105				
Engine					
Crankshaft-Rear					
2021-2006 5.7L & 6.1L Engs.:					
Seal		39252A			
2014-2012 6.4L Eng.:					
Seal		39252A			

Chrysler CUV Pacifica (thru 2008)

Wheel Rear		
Axle Shaft		
2006 All:		
Seal	[2] 15646A	
Transaxle-Automatic		
Front Pump		
2008-2007 62TE Trans.:		
Seal	15002A	

Dodge (FWD) Avenger

Wheel Rear		
Axle Shaft		
2008 All:		
Seal	[2] 15646A	
Transaxle-Automatic		
Differential		
2014-2011 62TE Trans.:		
Bearing (L.H.)	JLM704649/JLM704610	
Bearing (R.H.)	JLM704649/JLM704610	
Front Pump		
2014-2008 62TE Trans.:		
Seal	15002A	

Dodge (FWD) Dart

Transaxle-Automatic			Transaxle-Automatic (Cont.)		
Front Pump			Output Shaft		
2012-2007 CVT:			2016-2013 2.0L & 2.4L Engs.:		
Seal	20072A		Seal (L.H.)	14663A	
			Seal (R.H.)	14436A	

Dodge (FWD) Grand Caravan

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Engine		
2020-2014 All:			Timing Cover		
	Hub Assembly	[2] BR930884	2020-2011 3.6L Eng.:		
Wheel Rear				Seal	17721A
2020-2014 All:					
	Hub Assembly	[2] BR930882			
Transaxle-Automatic					
Front Pump					
2020-2006 62TE Trans.:					
	Seal	15002A			

Dodge (RWD) Charger (from 2006), Challenger (from 2008), Magnum

Wheel Front			Pinion (Cont.)		
2021-2019 AWD:			Rear Axle (Cont.)		
	Hub Assembly	[2] BR930447	2008 Charger & Magnum w/ RWD:		
2021-2012 Challenger & Charger w/ RWD:				Seal	18690A
	Hub Assembly	[2] BR930578		Bearing (Inner)	HM803149 VP/HM803110
Wheel Rear				Bearing (Outer)	BR105
2021-2015 Challenger & Charger:			2008-2006 AWD:		
	Hub Assembly	[2] BR930910		Seal	18690A
Axle Shaft				Bearing (Inner)	HM803149 VP/HM803110
2014-2013 Charger w/ 3.6L Eng.:				Bearing (Outer)	BR105
	Seal	[2] 18690A	2007-2006 RWD:		
Pinion				Seal	18690A
Front Axle				Bearing (Inner)	HM803149 VP/HM803110
2021-2006 AWD:				Bearing (Outer)	BR105
	Bearing (Inner)	M88043 VP/M88010 VP	Transmission-Automatic		
	Bearing (Outer)	M86649 VP/M86610 VP	Output Shaft		
Rear Axle			2011-2006 5 Spd. Trans.:		
2021-2015 All:				Seal	16521
	Seal	19877A	Rear Extension		
2010 Challenger:			2014-2006 RWD:		
	Seal	23255A		Seal	16521
	Bearing (Inner)	HM803149 VP/HM803110		Bearing	6206-J
	Bearing (Outer)	BR105	Transmission-Manual		
2010 Charger w/ 6.1L Eng.:			Input Shaft		
	Seal	19485A	2014-2013 TR6060 Man. Trans.:		
	Bearing (Inner)	HM803149 VP/HM803110		Seal	12425
	Bearing (Outer)	BR105		Bearing (Front)	NP559445/NP254157
2010 Charger w/o 6.1L Eng.:			2012-2009 TR6060 Man. Trans.:		
	Seal	18690A		Seal	12425
	Bearing (Inner)	HM803149 VP/HM803110		Bearing (Front)	NP559445/NP254157
	Bearing (Outer)	BR105		Bearing (Rear)	BR16
2009 Charger:				(Set Components)	LM12749 VP/LM12711 VP
	Seal	19485A	Engine		
	Bearing (Inner)	HM803149 VP/HM803110	Crankshaft-Rear		
	Bearing (Outer)	BR105	2021-2006 5.7L & 6.1L Eng.:		
2009 Challenger w/ 5.7L Eng.:				Seal	39252A
	Seal	18690A	2014-2011 6.4L Eng.:		
	Bearing (Inner)	HM803149 VP/HM803110		Seal	39252A
	Bearing (Outer)	BR105	Timing Cover		
2009 Challenger w/ 3.5L & 6.1L Eng.:			2021-2011 3.6L Eng.:		
	Seal	23255A		Seal	17721A
	Bearing (Inner)	HM803149 VP/HM803110	2021-2006 5.7L, 6.1L, 6.2L & 6.4L Eng.:		
	Bearing (Outer)	BR105		Seal	20024
2008 Challenger:					
	Seal	23255A			
	Bearing (Inner)	HM803149 VP/HM803110			
	Bearing (Outer)	BR105			

Passenger cars, light & medium trucks

Dodge (RWD) Viper							
MFG./YEAR		MODEL & LOCATION	PART NO.	MFG./YEAR		MODEL & LOCATION	PART NO.
Differential							
Rear Axle							
2010-2008 8.4L Eng.:							
Bearing			BR36				
(Set Components)			LM603049 VP/LM603012				
Dodge CUV Journey							
Wheel Rear				Engine			
2020-2018 AWD:				Timing Cover			
Hub Assembly (L.H.)			BR930879	2020-2009 2.4L Eng.:			
Hub Assembly (R.H.)			BR930869	Seal			17122
2020-2018 FWD:				2019-2011 3.6L Eng.:			
Hub Assembly (L.H.)			BR930879	Seal			17721A
Hub Assembly (R.H.)			BR930869				
Axle Shaft							
2017-2009 All:							
Seal			[2] 15646A				
Transaxle-Automatic							
Front Pump							
2020-2009 62TE Trans.:							
Seal			15002A				
Dodge Truck 1/2 ton							
Wheel Front (2 W/D)				Transfer Case (Cont.)			
2021-2011 Durango:				Rear Output Shaft			
Hub Assembly			[2] BR930907	2017-2011 Durango w/ Single Spd. Transfer			
Wheel Front (4 W/D)				Case:			
2021-2011 Durango:				Seal			20410A
Hub Assembly			[2] BR930907	Bearing			6209-J
Pinion				Engine			
Rear Axle				Crankshaft-Rear			
2021-2013 Durango:				2021-2006 5.7L Eng.:			
Seal			19877A	Seal (w/Retainer)			39252A
Transfer Case				Timing Cover			
Front Output Shaft				2021-2011 3.6L Eng.:			
2017-2011 Durango w/ Single Spd. Transfer				Seal			17721A
Case:				2021-2006 5.7L Eng.:			
Seal			19670A	Seal			20024
Bearing (Front)			6208-J				
Bearing (Rear)			6207-J				
2007-2006 New Process 246:							
Seal			13712				
Bearing (Front & Rear)			6011-J				
Input Shaft							
2009-2006 New Process 241 & 243:							
Seal			19293				
Bearing (Front)			6010-NRJ				
Bearing (Rear)			B2110				
2006 R1500 w/ New Process 244:							
Seal			19293				
Bearing (Front)			6010-NRJ				
Bearing (Rear)			B2110				

Dodge Truck 1 ton

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transmission-Automatic					
Front Pump					
2009	5 Spd. Auto. Trans.:				
Seal		18431			
Output Shaft					
2010-2007	68RFE Trans.:				
Seal		22029			

Fiat (RWD) US & Canada, 124 Spider

Wheel Rear		
2019-2017	All:	
Hub Assembly	[2]	BR930971
Engine		
Crankshaft-Rear		
2019-2017	1.4L Eng.:	
Seal		29413A
Seal (w/Retainer)		29215A
Timing Cover		
2019-2017	1.4L Eng.:	
Seal		10586A

Fiat (FWD) US & Canada, 500, 500L, 500X

Wheel Front		
2021-2016	500X:	
Hub Assembly	[2]	BR931003
Wheel Rear		
2021	500X:	
Hub Assembly	[2]	BR931003
2019-2012	500, 500c & 500e:	
Hub Assembly	[2]	BR930540
2018-2016	500X w/ FWD:	
Hub Assembly	[2]	BR931004

Ford (FWD) US & Canada, C-Max

Transaxle-Automatic		
Differential		
2018-2013	All:	
Bearing (L.H.)		JLM506849/JLM506810

Ford (FWD) Fiesta

Transaxle-Manual		Transaxle-Manual (Cont.)	
Differential		Output Shaft (Cont.)	
2016-2014	6 Spd. Trans.:	2013-2011	All:
Seal	[2] 15716	Seal	[2] 15815
Output Shaft		(Speedi-Sleeve)	[2] 99157
2019-2014	1.6L Eng. w/ 5 spd. Trans.:	Bearing (Front)	6305-2RSNJ19
Seal	[2] 15815	Bearing (Rear)	6305-2RSNJ19
(Speedi-Sleeve)	99157		
2017-2014	1.0L Eng. w/ 5 spd. Trans.:		
Seal (L.H.)	15815		
(Speedi-Sleeve) (L.H.)	99157		
Seal (R.H.)	15716		

Passenger cars, light & medium trucks

Ford (FWD) Five Hundred, Police Interceptor, Taurus (From 2008)

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Transaxle-Automatic (Cont.)		
2020-2019 Police Responder Hybrid:			Front Pump		
Hub Assembly	[2]	BR930913	2016-2008 6F50 & 6F55 Trans.:		
2020-2019 SSV Plug Hybrid:			Seal		20724A
Hub Assembly	[2]	BR930913			
2018-2014 Special Service Police Sedan:					
Hub Assembly	[2]	BR930916			
Wheel Rear					
2020-2019 Police Responder Hybrid:					
Hub Assembly	[2]	BR930874			
2020-2019 SSV Plug Hybrid:					
Hub Assembly	[2]	BR930874			
Transaxle-Automatic					
Differential					
2016-2012 6F50 & 6F55 Trans.:					
Bearing (L.H.)		JLM506849/JLM506810			

Ford (FWD) Focus

Wheel Rear			Engine		
2018-2012 Focus w/ Electric Motor:			Timing Cover		
Hub Assembly	[2]	BR931005	2007-2006 2.3L DOHC Eng.:		
2008-2006 All:			Seal		14671
Seal (Inner)	[2]	15666			
ABS Tone Ring	[2]	18849			
Sealed Bearing	[2]	GRW239			
C-Clip	[2]	CIR239			
Hub Assembly	[2]	BR930672			
Transaxle-Manual					
Output Shaft					
2015-2012 All:					
Seal	[2]	15716			

Ford (FWD) Fusion

Wheel Front			Transaxle-Manual		
2019-2017 Fusion w/ 14mm Wheel Studs:			Output Shaft		
Hub Assembly	[2]	BR931101	2013 All:		
Wheel Rear			Seal	[2]	15815
2020-2013 FWD & USA Built:			(Speedi-Sleeve)		99157
Hub Assembly	[2]	BR930874	Drive Shaft		
Transaxle-Automatic			2012-2007 AWD:		
Front Pump			Bearing & Support		HB88570
2011-2010 Fusion:			Engine		
Seal		15554A	Crankshaft-Rear		
Input Shaft			2020-2013 2.0L Eng.:		
2009-2006 6 Spd. Auto. Trans. w/ AWD:			Seal		37400A
Seal (L.H.)		13236	2020-2010 2.5L Eng.:		
Seal (R.H.)		21564A	Seal		37400A
2009-2006 6 Spd. Auto. Trans. w/ FWD:			Timing Cover		
Seal		16920A	2020-2014 1.5L Eng.:		
Output Shaft			Seal		12885A
2012-2007 Aisin F21 Trans. w/ AWD:			2020-2013 2.0L Eng.:		
Seal (L.H.)		16908A	Seal		14671
Seal (Inner R.H.)		13236	2020-2010 2.5L Eng.:		
Seal (Outer R.H.)		21564A	Seal		14671
			2009-2006 2.3L Eng.:		
			Seal		14671

Ford (RWD) Mustang

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Engine		
2021-2019 Mustange Exc. GT Series:			Crankshaft-Rear		
Hub Assembly	[2]	BR930953	2021-2015 2.3L Eng.:		
Wheel Rear			Seal		37400A
2021-2015 Mustang Exc. GT350R:			Timing Cover		
Hub Assembly	[2]	BR930955	2016-2015 2.3L Eng.:		
Pinion			Seal		14671
Rear Axle					
2021-2015 3.15, 3.31 & 3.55 Rr Axle Ratios:					
Seal		18062A			
2021-2015 3.73 Rr. Axle Ratio:					
Seal		18062A			
Transmission-Automatic					
Front Pump					
2015-2011 6R80 Trans.:					
Seal		17298			
Transmission-Manual					
Shift Shaft					
2009-2006 TR3650 Trans.:					
Seal		5410			

Ford CUV Edge, Explorer (from 2011), Police Interceptor, Flex, Freestyle, Taurus X

Wheel Front			Engine		
2021-2018 EcoSport:			Crankshaft-Rear		
Sealed Bearing	[2]	FW63	2021-2015 2.7L Eng.:		
C-Clip	[2]	CIR63	Seal		37444
2021-2015 Edge:			2021-2012 2.0L Eng.:		
Hub Assembly	[2]	BR931101	Seal		37400A
2019-2013 Escape:			Timing Cover		
Sealed Bearing	[2]	FW122	2021-2015 2.7L Eng.:		
C-Clip	[2]	CIR122	Seal		18564A
Wheel Rear			2020-2012 2.0L Eng.:		
2021-2015 Edge w/ AWD:			Seal		14671
Hub Assembly	[2]	BR931101	2019-2007 3.5L & 3.7L Eng.:		
2019-2013 Escape w/ AWD:			Seal		18724
Hub Assembly	[2]	BR930952			
Transaxle-Automatic					
Differential					
2016-2012 Edge, Explorer & Police Interceptor:					
Bearing (L.H.)		JLM506849/JLM506810			
2015-2012 Flex From 7/18/12:					
Bearing (L.H.)		JLM506849/JLM506810			
2012-2009 Flex from 6/1/08 thru 7/17/12:					
Bearing (L.H.)		JLM506849/JLM506810			
Front Pump					
2016-2011 Explorer:					
Seal		20724A			
2015 Edge:					
Seal		20724A			
2014-2009 Flex:					
Seal		20724A			
2011-2009 Escape:					
Seal		15554A			
2011-2007 Edge:					
Seal		20724A			
2009-2008 Taurus X:					
Seal		20724A			

Passenger cars, light & medium trucks

Ford Truck Expedition, Explorer (thru 2010), Ranger

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front (4 W/D)			Drive Shaft		
2021-2018 Expedition:			2017-2009 Expedition w/ RWD & 119" WB:		
Hub Assembly	[2]	BR931141	Bearing & Support		HB88569
Axle Shaft			2008-2007 Expedition w/ RWD:		
2021-2007 Expedition:			Bearing & Support		HB88569
Seal	[2]	18005	Engine		
Bearing (Inner)	[2]	HK4012 VP	Timing Cover		
Bearing (Outer)	[2]	FC66998	2021-2015 3.5L Eng.:		
Differential			Seal		18724
Kit Rear			2011-2006 Ranger w/ 2.3L Eng.:		
2022-2015 9.75" Ring Gear:			Seal		14671
Standard Seal & Bearing Kit		SDK316-E			
2007-2006 Explorer & Explorer Sport Trac w/ 8.80" Ring Gear:					
Standard Seal & Bearing Kit		SDK311-K			
Master Seal & Bearing Kit		SDK311-KMK			
Transmission-Automatic					
Front Pump					
2015-2007 6R60, 6R75 & 6R80 Trans.:					
Seal		17298			
Rear					
2015 6R80 Trans.:					
Seal		15150A			

Ford Truck Transit Connect

Wheel Front		
2021-2014 All:		
Sealed Bearing	[2]	FW122
C-Clip	[2]	CIR122
Engine		
Camshaft		
2015-2014 2.5L Eng.:		
Seal		14671

Ford Truck Full size vans, Econoline, 1/2 ton van, E150, 3/4 ton van, E250, 1 ton van, E350, E450, E550, E(Super Duty)

Wheel Rear			Wheel Rear (Cont.)		
2021-2015 Transit w/Single Rr. Whls. & 3.31 Gear Ratio or Max Front Axle:			2019-2006 E350 & E450 w/ Full-Floating Axle w/o Advance Trac:		
Seal	[2]	29425	Seal	[2]	28754
Bearing (Inner)	[2]	BR101	Bearing (Inner)	[2]	BR101
(Set Components)		387-AS VP/382-A VP	(Set Components)		387-AS VP/382-A VP
Bearing (Outer)	[2]	BR38	Bearing (Outer)	[2]	BR38
(Set Components)		LM104949 VP/LM104911	(Set Components)		LM104949 VP/LM104911
2019-2006 E350 & E450 w/ Full-Floating Axle & Advance Trac:			Differential		
Seal	[2]	28705	Kit Rear		
Bearing (Inner)	[2]	BR101	2022-2015 9.75" Ring Gear:		
(Set Components)		387-AS VP/382-A VP	Standard Seal & Bearing Kit		SDK316-E
Bearing (Outer)	[2]	BR38	Master Seal & Bearing Kit		SDK316-EMK
(Set Components)		LM104949 VP/LM104911			

Ford Truck 1/2 ton, F150

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front (2 W/D)			Transfer Case		
2021	F150:		Front Output Shaft		
Hub Assembly	[2]	BR931019	2015	Warner Transfer Case:	
2019-2015 F150:			Seal		18637A
Hub Assembly	[2]	BR931014	Transmission-Automatic		
Wheel Front (4 W/D)			Front Pump		
2021	All:		2015-2009 6R60, 6R75 & 6R80 Trans.:		
Hub Assembly	[2]	BR931018	Seal		17298
2020-2018 All:			Output Shaft		
Hub Assembly	[2]	BR931016	2015	6R80 Trans. w/ 4WD:	
Axle Shaft			Seal	[2]	15150A
2021-2011 All:			Engine		
Seal	[2]	18005	Crankshaft-Rear		
Bearing	[2]	FC66998	2021-2018 3.3L Eng.:		
Wheel Rear			Seal		37444
2021-2006 All:			Timing Cover		
Seal	[2]	17327	2021-2018 3.3L Eng.:		
Bearing	[2]	R1561-TV	Seal		18724
(Axle Repair Brg. Assy.)	[2]	R1561-F	2021-2011 3.5L & 3.7L Eng.:		
Pinion			Seal		18724
Rear Axle					
2021-2015 9.75" Ring Gear w/ Base Payload Package:					
Seal		18062A			
2011-2009 F150 w/ 9.75" Ring Gear Thru 12/19/2010:					
Seal		18024			
(Speedi-Sleeve)		99181			
Bearing (Inner)		BR996			
Bearing (Outer)		BR894			
2008-2007 9.75" Ring Gear:					
Seal		18024			
(Speedi-Sleeve)		99181			
Bearing (Inner)		BR996			
Bearing (Outer)		BR894			

Ford Truck 3/4 ton, F250, F250(Super Duty)

Wheel Front (2 W/D)			Wheel Rear		
2021-2012 All:			2021-2017 F-250 Super Duty Exc. Heavy Duty Towing Package:		
Seal	[2]	24245	Seal	[2]	29425
Bearing (Inner)	[2]	BR25590/NP787333	Bearing (Inner)		BR101
Bearing (Outer)	[2]	BR25877/BR25821	(Set Components)		387-AS VP/382-A VP
Wheel Front (4 W/D)			Bearing (Outer)	[2]	BR38
2021-2017 Single Rr. Whls.:			(Set Components)		LM104949 VP/LM104911
Hub Assembly	[2]	BR930963	2018-2017 F-250 Super Duty w/ Heavy Duty Towing Package:		
2021-2017 Dual Rr. Whls.:			Bearing (Inner)	[2]	BR101
Hub Assembly	[2]	BR930964	(Set Components)		387-AS VP/382-A VP
Axle Shaft			Bearing (Outer)	[2]	BR38
2022-2017 All:			(Set Components)		LM104949 VP/LM104911
Seal (Inner)	[2]	15553	Pinion		
Seal (Center)	[2]	16510	Rear Axle		
Bearing	[2]	6009-2RSJ	2021-2017 10.50" Ring Gear:		
2016-2006 All:			Seal		20042A
Seal (Inner)	[2]	15553			(Continued)
Seal (Center)	[2]	16510			
Seal (Outer)	[2]	35298			
Bearing	[2]	6009-2RSJ			

Passenger cars, light & medium trucks

(Cont.) -- Ford Truck 3/4 ton, F250, F250(Super Duty)

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transfer Case			Drive Shaft (Cont.)		
Front Output Shaft			2012-2011 172" WB w/ RWD, Dual Rr. Whls. & 6.7L Diesel Eng.:		
2018-2017 All:			2012-2011 142" WB w/ RWD & 6.2L Gas Eng.:		
Seal		18637A	Bearing & Support (1.575" I.D.)		HB88565
Input Shaft			2012-2011 142" WB w/ RWD & 6.7L Diesel Eng.:		
2015-2011 6 Spd. Auto. Trans.:			Bearing & Support (1.575" I.D.)		HB88565
Seal		23420A	Bearing & Support (1.575" I.D.)		HB88565
Bearing		6212-J	2012-2007 156" & 158" WB:		
Rear Output Shaft			Brg. & Support (2.78" Ctr Hght, 1.57" ID)		HB88562
2016-2011 6 Spd. Auto. Trans. & Flange Type Output:			Brg. & Support (2.56" Ctr Hght, 1.57" ID)		HB88564
Seal		21241	2011 172" WB w/ 4WD, Dual Rr. Whls. & 6.7L Diesel Eng.:		
Bearing		6212-J	Bearing & Support (1.575" I.D.)		HB88562
2016-2011 6 Spd. Auto. Trans. & Slip Spline Output:			2011 172" WB w/ 4WD, Dual Rr. Whls. & 6.2L Gas Eng.:		
Seal		22850A	Bearing & Support (1.575" I.D.)		HB88565
Bearing		6212-J	2010-2007 141", 142" & 165" WB w/ Auto. Trans.:		
2015-2011 5 Spd. Auto. Trans.:			Brg. & Support (1.78" Ctr Hght, 1.57" ID)		HB88565
Seal		21241	Brg. & Support (2.56" Ctr Hght, 1.57" ID)		HB88564
Bearing		6212-J	Engine		
2010-2006 New Process 271 & 273:			Timing Cover		
Seal		21241	2021-2011 6.2L Eng.:		
Bearing		6212-J	Seal		18564A
Drive Shaft					
2013-2011 172" WB w/ 4WD, Single Rr. Whls. & 6.7L Diesel Eng.:					
Bearing & Support		HB88563			
2012-2011 172" WB w/ 4WD, Single Rr. Whls. & 6.2L Gas Eng.:					
Bearing & Support (1.575" I.D.)		HB88563			
2012-2011 172" WB w/ RWD, Single Rr. Whls. & 6.7L Diesel Eng.:					
Bearing & Support (1.575" I.D.)		HB88565			

Ford Truck 1 ton, F350, F350(Super Duty), Super Duty

Wheel Front (2 W/D)			Wheel Rear (Cont.)		
2021-2012 F350:			2021-2017 6.7L Eng. w/ Single Rr. Whls.:		
Seal	[2]	24245	Bearing (Inner)	[2]	BR101
Bearing (Inner)	[2]	BR25590/NP787333	(Set Components)		387-AS VP/382-A VP
Bearing (Outer)	[2]	BR25877/BR25821	Bearing (Outer)	[2]	BR38
Wheel Front (4 W/D)			(Set Components)		LM104949 VP/LM104911
2021-2017 Single Rr. Whls.:			Pinion		
Hub Assembly	[2]	BR930963	Rear Axle		
2021-2017 Dual Rr. Whls.:			2021-2017 Dana 80 Axle:		
Hub Assembly	[2]	BR930964	Seal		24967A
Axle Shaft			2021-2017 Dana 70 Axle:		
2016-2006 Super Duty:			Seal		20042A
Seal (Inner)	[2]	15553	Transfer Case		
Seal (Center)	[2]	16510	Front Output Shaft		
Seal (Outer)	[2]	35298	2018-2017 All:		
(V-Ring)	[2]	400450	Seal		18637A
Bearing		6009-2RSJ	Input Shaft		
Wheel Rear			2015-2011 All:		
2021-2017 6.2L Eng. w/ Single Rr. Whls.:			Seal		23420A
Seal	[2]	29425	Bearing		6212-J
Bearing (Inner)	[2]	BR101	Drive Shaft		
(Set Components)		387-AS VP/382-A VP	2019-2018 F350 Super Duty:		
Bearing (Outer)	[2]	BR38	Bearing & Support		HB88572
(Set Components)		LM104949 VP/LM104911	(Continued)		

Passenger cars, light & medium trucks

Ford Truck 1 ton, F350, F350(Super Duty), Super Duty -- (Cont.)

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Drive Shaft (Cont.)			Drive Shaft (Cont.)		
2015-2011	172" WB w/ RWD, Single Rr. Whls. & 6.7L Diesel Eng.:		2010-2008	172" WB w/ RWD, Single Rr. Whls. & 6.4L Turbo Diesel Eng.:	
	Bearing & Support (1.575" I.D.)	HB88565		Bearing & Support (1.575" I.D.)	HB88564
2013-2011	172" WB w/ 4WD, Single Rr. Whls. & 6.2L Gas Eng.:		2010-2008	141", 142" & 165" WB w/ Auto. Trans.:	
	Bearing & Support (1.575" I.D.)	HB88563		Bearing & Support (1.575" I.D.)	HB88564
2013-2011	172" WB w/ 4WD, Dual Rr. Whls. & 6.2L Gas Eng.:		2010-2008	156" & 158" WB w/ RWD:	
	Bearing & Support (1.575" I.D.)	HB88565		Brg. & Support (2.3" Ctr Hght, 1.57" ID	
2013-2011	156" & 158" WB:			w/Slinger)	HB88562
	Brg. & Support (2.3" Ctr Hght, 1.57" ID)	HB88563		Brg. & Support (2.56" Ctr Hght, 1.57" ID)	HB88564
	Brg. & Support (2.56" Ctr Hght, 1.57" ID)	HB88564	Engine		
2013-2011	142" WB w/ RWD & 6.2L Gas Eng.:		Timing Cover		
	Bearing & Support (1.575" I.D.)	HB88565	2021-2011 6.2L Eng.:		
2013-2011	172" WB w/ 4WD, Single Rr. Whls. & 6.7L Diesel Eng.:		Seal		18564A
	Bearing & Support	[1] HB88563			
2011	172" WB w/ RWD, Dual Rr. Whls. & 6.7L Diesel Eng.:				
	Bearing & Support (1.575" I.D.)	HB88565			
2011	142" WB w/ RWD & 6.7L Diesel Eng.:				
	Bearing & Support (1.575" I.D.)	HB88565			
2010-2008	172" WB w/ RWD, Dual Rr. Whls. & 6.4L Turbo Diesel Eng.:				
	Bearing & Support (1.575" I.D.)	HB88565			
2010-2008	172" WB w/ 4WD, Single Rr. Whls. & 6.4L Turbo Diesel Eng.:				
	Bearing & Support (1.575" I.D.)	HB88562			

Ford Truck 1 1/2 ton, 2 1/2 ton, F450, F450(Super Duty), F53, F550(Super Duty), F59, F650, F750

Wheel Front			Wheel Front (Cont.)		
2021	F450 Super Duty (4 x 4):		2011-2006	F650 & F750 (4 x 2):	
	Hub Assembly	[2] BR930962		Scotseal (Inner)	[2] 28758
2021	F550 Super Duty (4 x 4) w/ Dual Rr. Whls. & Wide Monobeam Suspension:			Scotseal Plus XL (Inner)	[2] 28759
	Hub Assembly	[2] BR930962		Seal (Outer)	[2] 35066
2020-2017	F450 Super Duty & F550 Super Duty (4 x 4):			Bearing (Inner)	[2] JM207049-A VP/JM207010
	Hub Assembly	[2] BR930962		Bearing (Outer)	[2] BR25877/BR25820
2020-2014	F59 (4 x 2):		Axle Shaft		
	Seal	[2] 28830	2020-2006 F450 Super Duty & F550 Super Duty (4 x 4):		
	Bearing (Inner)	[2] BR45284/BR45220		Seal (Inner)	[2] 15553
	Bearing (Outer)	[2] BR25880/BR25820		Seal (Center)	[2] 16510
2020-2008	F53 (4 x 2) w/ 24,000 lb & 26,000 lb GVW:			Seal (Outer)	[2] 35298
	Bearing (Inner)	[2] SET413	Wheel Rear		
	(Set Components)	HM212049 VP/HM212011 VP	2020-2017 F53 (4 x 2) w/ 17,000 lb GVW:		
	(Hyatt Line; Canada Only)	SET413VH		Seal	[2] 38776
	Bearing (Outer)	[2] BR3782/BR3720		Bearing (Inner)	[2] SET411
2020-2006	F53 (4 x 2) w/ 16,000 lb, 18,000 lb, 20,500 lb & 22,000 lb GVW:			(Set Components)	BR47686/BR47620
	Seal	[2] 28830		Bearing (Outer)	[2] SET408
	Bearing (Inner)	[2] SET410		(Set Components)	BR39590/BR39520
	(Set Components)	BR45284/BR45220	2020-2014	F59 (4 x 2):	
	Bearing (Outer)	[2] BR25880/BR25820		Seal	[2] 34928
				Bearing (Inner)	[2] BR33281/BR33462
				Bearing (Outer)	[2] BR39250/BR39412

(Continued)

Passenger cars, light & medium trucks

(Cont.) -- Ford Truck 1 1/2 ton, 2 1/2 ton, F450, F450(Super Duty), F53, F550(Super Duty), F59, F650, F750

Wheel Rear (Cont.)

2020-2006 F53 (4 x 2) w/ 16,000 lb, 18,000 lb,
20,500 lb & 22,000 lb GVW:

Seal [2] 34928

Bearing (Inner) [2] BR33281/BR33462

Bearing (Outer) [2] BR39250/BR39412

2008-2006 F650 & F750 (4 x 2):

Seal [2] 47691

Bearing (Inner) [2] BR33287

Bearing (Outer) [2] BR39585

Drive Shaft

2019-2018 F450 Super Duty & F550 Super Duty:

Bearing & Support HB88572

Honda (FWD), Accord, Civic, CR-Z, Insight, Odyssey

Wheel Front

2021-2019 Insight:

Sealed Bearing [2] FW48

2021-2018 Odyssey:

Sealed Bearing [2] FW97

2021-2016 Civic w/ 2.0L Eng.:

Sealed Bearing [2] FW78

C-Clip [2] CIR78

2021-2016 Civic w/ 1.5L Eng.:

Sealed Bearing [2] FW48

C-Clip [2] CIR48

2020-2018 Accord:

Sealed Bearing [2] FW97

2020-2015 Fit:

Sealed Bearing [2] FW36

C-Clip [2] CIR171

Axle Shaft

2021-2018 Odyssey:

Seal [2] 16541A

Bearing [2] SC0889

2020-2012 Accord:

Seal [2] 16541A

Bearing [2] SC0889

Wheel Rear

2020-2018 Accord Exc. Hybrid:

Hub Assembly [2] BR930856

2020-2015 Fit:

Hub Assembly [2] BR931125

2017-2016 Accord:

Hub Assembly [2] BR931126

2015-2013 Civic Hybrid & Natural Gas:

Hub Assembly [2] BR931124

Clutch

Release

2017-2008 Accord w/ 4 Cyl. Eng.:

Bearing Assembly N4174

2015-2008 Civic Si:

Bearing Assembly N4174

Transaxle-Automatic

Input Shaft

2017-2011 6 Spd. Auto. Trans.:

Seal 20335A

Transaxle-Automatic (Cont.)

Output Shaft

2006 Insight:

Seal (L.H.) 12989

Seal (R.H.) 14018

Transaxle-Manual

Input Shaft

2018-2017 Civic Type R w/ Turbo:

Seal 10494

(Speedi-Sleeve) 99106

2018-2007 Fit:

Seal 10325A

2018-2006 Accord:

Seal 10494

(Speedi-Sleeve) 99106

2015-2006 Civic Si:

Seal 10494

Output Shaft

2019-2007 Fit:

Seal (L.H.) 14006

(Speedi-Sleeve) (L.H.) 99139

Seal (R.H.) 13726

2017-2008 Accord w/ 2.4L Eng.:

Seal (L.H.) 15888

Seal (R.H.) 13726

Engine

Crankshaft-Rear

2021-2018 1.5L Gas Eng.:

Seal 31550A

2021-2018 2.0L Gas Eng.:

Seal 31507

2021-2006 3.5L Eng.:

Seal 31495

2018-2006 2.4L Eng.:

Seal 31507

Timing Cover

2021-2016 1.5L Turbo Eng.:

Seal 16896

2021-2014 2.0L Eng.:

Seal 16896

2021-2006 3.5L Eng.:

Seal 16473

Honda CUV CR-V, Element, HR-V, Pilot

Wheel Front

2021 HR-V:	
Sealed Bearing	[2] FW97
C-Clip	[2] CIR97
2021-2017 CR-V:	
Sealed Bearing	[2] FW97
C-Clip	[2] CIR97
2021-2016 Pilot:	
Sealed Bearing	[2] FW97
C-Clip	[2] CIR97
2020-2016 HR-V:	
Sealed Bearing	[2] FW97
C-Clip	[2] CIR97

Axle Shaft

2021-2016 Pilot:	
Seal	[2] 16541A
Bearing	[2] SC0889

Wheel Rear

2021-2016 Pilot w/ AWD:	
Hub Assembly	[2] BR931131
2021-2016 Pilot w/ FWD:	
Hub Assembly	[2] BR931130

Clutch

Release

2017-2016 HR-V:	
Bearing Assembly	N4174

Transaxle-Automatic

Differential

2020-2016 Pilot:	
Bearing (L.H.)	BR153
Bearing (R.H.)	BR149

Front Pump

2014-2006 CR-V & Element:	
Seal	18124

Input Shaft

2020-2016 6 Spd. Auto. Trans.:	
Seal	20335A

Output Shaft

2020-2016 HR-V:	
Seal (L.H.)	13859A
Seal (R.H.)	13788A

Transaxle-Manual

Input Shaft

2018-2016 HR-V:	
Seal	10494
(Speedi-Sleeve)	99106

Output Shaft

2010-2006 CR-V & Element:	
Seal (L.H.)	15888
Seal (R.H.)	13726

Engine

Crankshaft-Rear

2021-2017 1.5L Eng.:	
Seal	31550A
2021-2016 1.8L Eng.:	
Seal	31507
(Speedi-Sleeve)	99313
2021-2006 3.5L Eng.:	
Seal	31495

Timing Cover

2021-2017 1.5L Eng.:	
Seal	16896
2021-2016 1.8L Eng.:	
Seal	16896
(Speedi-Sleeve)	99182
2021-2006 3.5L Eng.:	
Seal	16473

Honda Truck Passport, Ridgeline

Wheel Front

2021-2019 Passport:	
Sealed Bearing	[2] FW97
2021-2017 Ridgeline:	
Sealed Bearing	[2] FW77

Axle Shaft

2020 Ridgeline:	
Seal	[2] 16541A
2020-2019 Passport:	
Seal	[2] 16541A
Bearing	[2] SC0889

Wheel Rear

2021-2019 Passport w/ AWD:	
Hub Assembly	[2] BR931131
2021-2019 Passport w/ FWD:	
Hub Assembly	[2] BR931130
2021-2017 Ridgeline w/ AWD:	
Hub Assembly	[2] BR931132
2021-2017 Ridgeline w/ FWD:	
Hub Assembly	[2] BR931129

(Continued)

Passenger cars, light & medium trucks

(Cont.) -- Honda Truck Passport, Ridgeline

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transaxle-Automatic			Engine (Cont.)		
Differential			Timing Cover		
2019-2017 Ridgeline:			2020-2017 Ridgeline w/ 3.5L Eng.:		
	Bearing (L.H.)	BR153		Seal	16473
	Bearing (R.H.)	BR149			
Input Shaft					
2019-2017 Ridgeline:					
	Seal	20335A			
Engine					
Crankshaft-Rear					
2021-2017 Ridgeline:					
	Seal	31495			
	(Speedi-Sleeve)	99313			

Hyundai (FWD), Accent, Azera, Elantra, Sonata, Tiburon, Veloster, XG300, XG350

Wheel Front			Transaxle-Manual (Cont.)		
2022-2017 Ioniq:			Output Shaft		
	Hub Assembly	[2] BR930989	2008-2006 Tiburon w/ 2.7L Eng. & 5 Spd. Trans.:		
2021 Veloster N w/ Man.Trans.:				Seal	[2] 16143
	Hub Assembly	[2] BR930923	2008-2006 Tiburon w/ 2.7L Eng. & 6 Spd. Trans.:		
2021 Elantra:				Seal	[2] 15372
	Hub Assembly	[2] BR930989	Engine		
2020-2019 Veloster N:			Crankshaft-Rear		
	Hub Assembly	[2] BR930923	2021-2011 2.0L Turbo Eng.:		
2020-2018 Elantra GT:				Seal	33861
	Hub Assembly	[2] BR931117		(Speedi-Sleeve)	99169
2020-2017 Elantra Exc. GT:			Timing Cover		
	Hub Assembly	[2] BR930989	2021-2017 1.6L Hybrid Eng.:		
2017-2013 Elantra GT:				Seal	15957
	Sealed Bearing	[2] FW55		(Speedi-Sleeve)	99153
	C-Clip	[2] CIR55	2021-2015 2.0L Turbo Eng.:		
2017-2012 Accent:				Seal	16526A
	Sealed Bearing	[2] FW178	2019-2016 2.4L Eng.:		
	C-Clip	[2] CIR178		Seal	16526A
Wheel Rear					
2021-2019 Veloster N:					
	Hub Assembly	[2] BR930925			
2021-2017 Ioniq:					
	Hub Assembly	[2] BR931117			
2019-2016 Sonata:					
	Hub Assembly	[2] BR930925			
2017-2013 Elantra GT:					
	Hub Assembly	[2] BR930851			
2007-2006 Sonata w/ ABS From 4/1/05:					
	Hub Assembly	[2] BR930733			
Transaxle-Automatic					
Differential					
2010-2009 Azera:					
	Bearing	[2] 32010-X VP			
Transaxle-Manual					
Differential					
2014-2012 Veloster:					
	Bearing	[2] BR35			
	(Set Components)	LM501349 VP/LM501310 VP			
2014-2007 Elantra:					
	Bearing	[2] BR35			
	(Set Components)	LM501349 VP/LM501310 VP			

Hyundai CUV Santa Fe, Tucson, Veracruz

Wheel Front

2021-2016 Tucson:	
Hub Assembly	[2] BR930923
2018-2015 Santa Fe:	
Hub Assembly	[2] BR930946
2018-2015 Santa Fe Sport:	
Hub Assembly	[2] BR930946
2014-2013 Santa Fe Sport:	
Hub Assembly	[2] BR930729
2014-2007 Santa Fe:	
Hub Assembly	[2] BR930729

Wheel Rear

2021-2018 Kona w/ AWD:	
Hub Assembly	[2] BR930989
2021-2016 Tucson w/ FWD:	
Hub Assembly	[2] BR930925
2021-2016 Tucson w/ AWD:	
Hub Assembly	[2] BR930947
2019 Santa Fe XL w/ AWD:	
Hub Assembly	[2] BR930729
2019 Santa Fe XL w/ FWD:	
Hub Assembly	[2] BR930646
2018-2013 Santa Fe Sport w/ AWD:	
Hub Assembly	[2] BR930729
2018-2013 Santa Fe Sport w/FWD:	
Hub Assembly	[2] BR930646

Differential

Rear Axle

2014-2010 Santa Fe & Tucson:	
Bearing	[2] BR30207
2009-2006 Tucson:	
Bearing	[2] BR30207

Transaxle-Automatic

Differential

2009-2007 Santa Fe w/ 3.3L Eng.:	
Bearing	[2] 32010-X VP

Output Shaft

2013-2010 Tucson w/ FWD:	
Seal (L.H.)	14663A
2013-2010 Tucson w/ AWD:	
Seal (L.H.)	14663A
Seal (R.H.)	23865A

Transaxle-Manual

Input Shaft

2009-2006 Tucson w/ 2.0L Eng.:	
Seal	9706

Transfer Case

Front Output Shaft

2009-2006 Tucson:	
Seal (Inner)	12559A
Seal (Outer)	16585A
Bearing	6006-J
2006 Santa Fe:	
Seal (Inner)	12559A
Seal (Outer)	16585A
Bearing	6006-J

Rear Output Shaft

2012-2007 Veracruz:	
Seal	17700A
Bearing (Inner)	BR35
(Set Components)	LM501349 VP/LM501310 VP

Engine

Crankshaft-Rear

2020-2014 2.0L Turbo Eng.:	
Seal	33861
2020-2010 2.4L Eng.:	
Seal	33861
(Speedi-Sleeve)	99334

Timing Cover

2021-2017 2.4L Eng.:	
Seal	16526A
2021-2014 2.0L Nat. Asp. Eng.:	
Seal	15957
(Speedi-Sleeve)	99153
2020-2017 2.0L Turbo Eng.:	
Seal	16526A

Infiniti (RWD) G37, M35, M37, Q40, Q50, Q60, Q70

Wheel Front

2021-2017 Q60 w/ RWD:	
Hub Assembly	[2] BR930890
2020-2017 Q60 w/ AWD:	
Hub Assembly	[2] BR930927
2020-2014 Q50 w/ AWD:	
Hub Assembly	[2] BR930927
2020-2014 Q50 w/ RWD:	
Hub Assembly	[2] BR930890
2019-2014 Q70 w/ AWD:	
Hub Assembly	[2] BR930927

Wheel Front (Cont.)

2019-2014 Q70 w/ RWD:	
Hub Assembly	[2] BR930890
2013-2012 M35h:	
Hub Assembly	[2] BR930890

Axle Shaft

2013-2009 G37 & M37:	
Bearing	[2] GRW163
	(Continued)

Passenger cars, light & medium trucks

(Cont.) -- Infiniti (RWD) G37, M35, M37, Q40, Q50, Q60, Q70

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Rear			Engine		
2021-2017 Q60:			Crankshaft-Rear		
Hub Assembly [2]			2012-2011 2.5L Eng.:		
			Seal 30350A		
Pinion			2007 G35 Coupe:		
Rear Axle			Seal 30350A		
2013-2011 M37:			2007 M35:		
Seal 17686			Seal 30350A		
2012-2011 G25:			2006 3.5L Eng.:		
Seal 17686			Seal 30350A		
2010-2008 G35 & G37:					
Seal 17686					
2007-2006 M35:					
Seal 17686					
2007-2006 G35:					
Seal 17686					
Transfer Case					
Front Output Shaft					
2013-2009 G37:					
Seal 15375A					
Bearing (Front) 6008-J					
Bearing (Rear) 6007-J					
2008-2006 G35:					
Seal 15375A					
Bearing (Front) 6008-J					
Bearing (Rear) 6007-J					

Infiniti CUV EX37, FX35, FX37, FX45, FX50, JX35

Wheel Front			Engine		
2020-2014 QX60:			Crankshaft-Rear		
Hub Assembly [2]			2014 QX60 w/ 3.5L Eng.:		
			Seal 30350A		
Wheel Rear			2013 JX35:		
2020-2014 QX60 w/ FWD:			Seal 30350A		
Hub Assembly [2]			2008-2006 FX35:		
2019-2017 QX30 w/ AWD:			Seal 30350A		
Hub Assembly [2]					
2019-2017 QX30 w/ FWD:					
Hub Assembly [2]					
2019-2014 QX60 w/ AWD:					
Hub Assembly [2]					
2013 EX37:					
Hub Assembly [2]					
Axle Shaft					
2019-2014 QX60:					
Seal [2]					
14902A					
Pinion					
Rear Axle					
2013 EX37 & FX37:					
Seal 17686					
2013-2009 FX50:					
Seal 19809A					
Transfer Case					
Front Output Shaft					
2012-2006 EX35, FX35 & FX45:					
Seal 15375A					
Bearing (Front) 6008-J					
Bearing (Rear) 6007-J					

Infiniti Truck QX4, QX50, QX56, QX70

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Differential		
2020-2019 QX50:			Front Axle		
Hub Assembly	[2]	BR930745	2014 QX80:		
2020-2014 QX80:			Bearing	[2]	BR30208
Hub Assembly	[2]	BR930926	2013-2011 QX56:		
Axle Shaft			Bearing	[2]	BR30208
2013-2011 QX56:			2010-2009 QX56:		
Bearing (L.H.)		BR30208	Bearing	[2]	B228
2010-2006 QX56:			Transfer Case		
Seal	[2]	16988A	Front Output Shaft		
Bearing	[2]	B268	2014 QX50:		
Wheel Rear			Seal		15375A
2020-2019 QX50 w/ RWD:			2013-2011 QX56:		
Hub Assembly	[2]	BR930698	Seal		19670A
2018-2014 QX70:			2010-2006 QX56:		
Hub Assembly	[2]	BR930730	Seal		17731A
2017-2014 QX50:			Bearing		6207-J
Hub Assembly	[2]	BR930730	Rear Output Shaft		
Axle Shaft			2014 QX80:		
2020-2014 QX80:			Seal		20582
Seal	[2]	19635	2013-2011 QX56:		
Pinion			Seal		20582
Front Axle					
2017-2014 QX80:					
Seal		15882			
Bearing (Inner)		BR32207			
Bearing (Outer)		BR32207			
2013-2011 QX56:					
Seal		15882			
Bearing (Inner)		BR32207			
Bearing (Outer)		BR32207			
Rear Axle					
2017-2014 QX80:					
Seal		19809A			
2014 QX70 w/ 5.0L Eng.:					
Seal		19809A			
2013-2006 QX56:					
Seal		19809A			

Isuzu Truck Ascender, i-350, i-370

Transfer Case		
Input Shaft		
2008-2006 i-350 & i-370:		
Seal		15548A

Jaguar

Wheel Front		
2015-2009 XF, XFR & XFR-S:		
Hub Assembly	[2]	BR930244
Drive Shaft		
2008-2006 S-Type:		
Bearing & Support		HB2907-10

Passenger cars, light & medium trucks

			Jeep Wrangler		
MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Transmission-Automatic		
Axle Shaft			Rear		
2018-2013 Wrangler:			2014-2012 Wrangler:		
Seal	[2]	13097A	Seal		16521
Wheel Rear			Engine		
2021-2019 Dana 44 Axle:			Timing Cover		
Bearing	[2]	BR10	2021-2018 2.0L Eng.:		
2018-2007 Dana 44 Axle:			Seal		17122
Seal	[2]	18731	2021-2012 3.6L Eng.:		
Bearing	[2]	BR10	Seal		17721A
Transfer Case					
Input Shaft					
2014-2006 New Process 241 w/ Rock-Trac:					
Seal		19092			
Bearing (Front)		6010-NRJ			
Bearing (Rear)		6207-J			
2014-2006 New Process 241 w/ Command-Trac:					
Seal		19092			
Bearing (Front)		6010-NRJ			
Bearing (Rear)		B2110			
			Jeep Grand Cherokee		
Wheel Front (2 W/D)			Transfer Case (Cont.)		
2021-2011 Grand Cherokee:			Rear Output Shaft		
Hub Assembly	[2]	BR930907	2017-2011 Grand Cherokee w/ Single Spd.		
Wheel Front (4 W/D)			Transfer Case:		
2021-2011 Grand Cherokee:			Seal		20410A
Hub Assembly	[2]	BR930907	Bearing		6209-J
Wheel Rear			Transmission-Automatic		
2021-2011 Grand Cherokee:			Output Shaft		
Bearing	[2]	GRW25	2012-2008 NAG1 Trans.:		
C-Clip	[2]	CIR25	Seal		16521
Axle Shaft			Engine		
2021-2013 195mm Ring Gear:			Crankshaft-Rear		
Seal (L.H.)		17623A	2021-2006 5.7L, 6.1L, 6.2L & 6.4L Engs.:		
Seal (R.H.)		17626A	Seal (w/Retainer)		39252A
2021-2013 230mm Ring Gear w/ Electronic Lim.			Timing Cover		
Slip:			2021-2011 3.6L Eng.:		
Seal (L.H.)		31302A	Seal		17721A
Seal (R.H.)		19592A	2021-2006 5.7L, 6.1L & 6.4L Engs.:		
2021-2013 230mm Ring Gear w/o Electronic Lim.			Seal		20024
Slip:					
Seal (L.H.)		19490A			
Seal (R.H.)		19592A			
Pinion					
Rear Axle					
2021-2013 Grand Cherokee:					
Seal		19877A			
Transfer Case					
Front Output Shaft					
2017-2011 Grand Cherokee w/ Single Spd.					
Transfer Case:					
Seal		19670A			
Bearing (Front)		6208-J			
Bearing (Rear)		6207-J			

Jeep CUV Compass, Patriot

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transaxle-Automatic			Engine (Cont.)		
Output Shaft			Timing Cover		
2015-2014 Exc. CVT Trans.:			2021-2007 2.0L & 2.4L Engs.:		
Seal (L.H.)		14663A	Seal		17122
Seal (R.H.)		14436A			
2015-2007 CVT Trans.:					
Seal	 [2]	15708A			
Engine					
Crankshaft-Rear					
2021-2007 2.0L & 2.4L Engs.:					
Seal		33861			

Jeep CUV Cherokee (from 2014)

Wheel Front			Engine (Cont.)		
2021-2014 w/o Off-Road Suspension:			Timing Cover		
Hub Assembly	 [2]	BR931015	2021-2014 2.4L Eng.:		
Seal			Seal		17122
2021-2014 w/ Off-Road Suspension:			2021-2014 3.2L Eng.:		
Hub Assembly	 [2]	BR930899	Seal		17721A
Wheel Rear					
2021-2014 FWD:					
Hub Assembly	 [2]	BR930898			
2021-2014 AWD:					
Hub Assembly	 [2]	BR930899			
Axle Shaft					
2021-2014 2 Spd. Transfer Case:					
Seal (R.H.)	 [1]	19671			
Engine					
Crankshaft-Rear					
2021-2014 2.4L Eng.:					
Seal		33861			

Jeep CUV Renegade

Wheel Front		
2021-2015 Renegade:		
Hub Assembly	 [2]	BR931003
Wheel Rear		
2021-2015 Renegade w/ AWD:		
Hub Assembly	 [2]	BR931003
2020-2015 Renegade w/ FWD:		
Hub Assembly	 [2]	BR931004

Kia (FWD), Amanti, Cadenza, Forte, Optima, Rio, Sedona, Soul

Wheel Front			Wheel Rear		
2020-2018 Rio:			2020-2018 Rio:		
Sealed Bearing	 [2]	FW199	Hub Assembly	 [2]	BR931127
2020-2017 Cadenza:			2020-2017 Cadenza:		
Hub Assembly	 [2]	BR930923	Hub Assembly	 [2]	BR930925
2020-2016 Optima exc. Hybrid:			2020-2016 Optima:		
Hub Assembly	 [2]	BR930923	Hub Assembly	 [2]	BR930925
2019-2017 Soul exc. EV:			2019-2017 Soul:		
Hub Assembly	 [2]	BR930983	Hub Assembly	 [2]	BR930965
2019-2015 Sedona:					(Continued)
Hub Assembly	 [2]	BR930985			

Passenger cars, light & medium trucks

(Cont.) -- Kia (FWD), Amanti, Cadenza, Forte, Optima, Rio, Sedona, Soul

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Rear (Cont.)					
2019-2015 Sedona:					
	Hub Assembly	[2] BR930982			
2018-2014 Forte & Forte Koup:					
	Hub Assembly	[2] BR930851			
Engine					
Timing Cover					
2019-2017 Optima w/ 2.0L Gas Eng.:					
	Seal	16526A			
2019-2017 Optima w/ 2.0L Hybrid Eng.:					
	Seal	15957			
	(Speedi-Sleeve)	99153			

Kia CUV Niro, Sorento, Sportage

Wheel Front			Transfer Case		
2021-2017 Sportage:			Front Output Shaft		
	Hub Assembly	[2] BR930923	2010-2006 Sportage:		
	Hub Assembly	[2] BR930989		Seal (Inner)	12559A
2020-2016 Sorento:				Bearing	6006-J
	Hub Assembly	[2] BR930946	Rear Output Shaft		
Wheel Rear			2013-2011 Sorento w/ 3.5L Eng.:		
2021-2017 Sportage w/ FWD:				Seal	17700A
	Hub Assembly	[2] BR930925		Bearing (Front)	BR35
2021-2017 Sportage w/ AWD:				(Set Components)	LM501349 VP/LM501310 VP
	Hub Assembly	[2] BR930947	2010-2006 Sportage:		
2020-2016 Sorento w/ FWD:				Seal	17700A
	Hub Assembly	[2] BR930945		Bearing (Front)	BR35
2020-2016 Sorento w/ AWD:				(Set Components)	LM501349 VP/LM501310 VP
	Hub Assembly	[2] BR930946			
Differential					
Rear Axle					
2013-2011 Sportage:					
	Bearing	[2] BR30207			
2013-2011 Sorento:					
	Bearing	[2] BR30207			
2010-2006 Sportage:					
	Bearing	[2] BR30207			

Kia Truck Sorento

Transfer Case			Drive Shaft		
Front Output Shaft			2006 Sorento w/ RWD:		
2009-2006 Sorento:				Bearing & Support	HB2904-10
	Seal	16485			
	Bearing (Front)	6207-J			
	Bearing (Rear)	6206-J			
Input Shaft					
2009-2006 Sorento:					
	Seal	17348A			
	Bearing	6209-J			
Rear Output Shaft					
2009-2006 Sorento:					
	Seal	16485			
	Bearing	6306-J			

Kia Truck Borrego

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transfer Case					
Input Shaft					
2009	All:				
Seal		17348A			
Bearing		6209-J			
Engine					
Crankshaft-Rear					
2009	All:				
Seal		38115A			

Lexus (FWD) ES250, ES300, ES300h, ES350

Wheel Front			Wheel Rear (Cont.)		
2021	ES250:		2018-2013 ES300h:		
Hub Assembly	[2]	BR931107	Hub Assembly (L.H.)		BR931121
2021-2019 ES300h & ES350:			Hub Assembly (R.H.)		BR931122
Hub Assembly	[2]	BR931108			
2018-2014 ES300h & ES350:					
Sealed Bearing	[2]	FW50			
C-Clip	[2]	CIR50			
Wheel Rear					
2019	ES300h & ES350 (Japan Built Only):				
Hub Assembly (L.H.)		BR931121			
Hub Assembly (R.H.)		BR931122			
2018-2016 ES350 Exc. Japan Built:					
Hub Assembly (L.H.)		BR930842			
Hub Assembly (R.H.)		BR930842			
2018-2016 ES350 Japan Built:					
Hub Assembly (L.H.)		BR931121			
Hub Assembly (R.H.)		BR931122			

Lexus (RWD) US & Canada

Wheel Front			Wheel Rear (Cont.)		
2021-2018 LC500 & LC500h:			Axle Shaft		
Hub Assembly	[2]	BR931119	2015-2006 IS250:		
2021-2016 IS200t, IS300 & IS350 w/ RWD:			Seal	[2]	16917
Hub Assembly	[2]	BR931145	Transmission-Automatic		
2021-2016 IS300 & IS350 w/ AWD:			Rear		
Hub Assembly (L.H.)		BR930943	2010-2006 GS430, LS430 & SC430:		
Hub Assembly (R.H.)		BR930942	Seal		16531
2021-2015 RC350 w/ AWD:			(Speedi-Sleeve)		99169
Hub Assembly (L.H.)		BR930943	Bearing		13423
Hub Assembly (R.H.)		BR930942	Engine		
2021-2015 RC F:			Crankshaft-Rear		
Hub Assembly	[2]	BR931109	2021-2008 5.0L Eng.:		
2020-2018 LS500 & LS500h w/ RWD:			Seal		37795
Hub Assembly	[2]	BR931119	(Speedi-Sleeve)		99369
2020-2016 GS F:			Timing Cover		
Hub Assembly	[2]	BR931109	2021-2008 5.0L Eng.:		
Wheel Rear			Seal		16489
2021-2015 RC300 & RC350:					
Hub Assembly	[2]	BR930998			
2021-2015 IS300 & IS350:					
Hub Assembly	[2]	BR930998			
2020-2013 GS350 & GS450h:					
Hub Assembly	[2]	BR930998			
2017-2016 IS200t:					
Hub Assembly	[2]	BR930998			
2017-2007 LS460:					
Hub Assembly	[2]	BR930738			

Passenger cars, light & medium trucks

Lexus CUV							
MFG./YEAR		MODEL & LOCATION	PART NO.	MFG./YEAR		MODEL & LOCATION	PART NO.
Wheel Front				Engine			
2021-2019 UX200 & UX250h:				Crankshaft-Rear			
Hub Assembly [2] BR931111				2021-2015 2.5L Eng.:			
2021-2016 RX350 & RX450h:				Seal 35405			
Hub Assembly [2] BR931110							
2021-2015 NX300 & NX300h:							
Hub Assembly [2] BR931146							
2017-2015 NX200t:							
Hub Assembly [2] BR931146							
Wheel Rear							
2021-2018 NX300 w/ AWD:							
Hub Assembly [2] BR930765							
2021-2015 NX300h w/ AWD:							
Hub Assembly [2] BR930765							
2019-2018 RX350L w/ A.W.D.:							
Hub Assembly [2] BR930775							
2019-2010 RX350 w/ FWD:							
Hub Assembly [2] BR930776							
2017-2015 NX200t w/ AWD:							
Hub Assembly [2] BR930765							
2016-2010 RX450h w/ FWD:							
Hub Assembly [2] BR930776							
Lexus Truck GX460, GX470, LX470, LX570							
Wheel Front				Wheel Rear (Cont.)			
2021-2013 LX570:				Axle Shaft			
Seal (Inner) [2] 32340A				2014-2012 GX460:			
Seal (Outer) [2] 34395				Seal [2] 22823			
Bearing & Housing Assy. [2] FW211							
2021-2010 GX460:				Engine			
Seal [2] 31897				Crankshaft-Rear			
Seal (O-Ring) [2] 30192				2021-2013 LX570:			
Sealed Bearing [2] FW194				Seal 37795			
Hub Assembly [2] BR930978				(Speedi-Sleeve) 99369			
2009-2006 GX470:				2021-2010 GX460:			
Seal [2] 31897				Seal 37795			
Seal (O-Ring) [2] 30192							
Sealed Bearing [2] FW194							
Hub Assembly [2] BR930978							
Wheel Rear							
2021-2013 GX460:							
Sealed Bearing (L.H.) GRW271							
Sealed Bearing (R.H.) GRW270							
2021-2013 LX570:							
Hub Assembly (L.H.) BR930616							
Hub Assembly (R.H.) BR930617							
Lincoln (FWD) Continental (from 2006)							
Wheel Front							
2020-2017 All:							
Hub Assembly [2] BR931101							
Wheel Rear							
2020-2017 FWD:							
Hub Assembly [2] BR931102							
2020-2017 AWD:							
Hub Assembly [2] BR931101							

Passenger cars, light & medium trucks

Lincoln (FWD) MKS

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Transaxle-Automatic					
Front Pump					
2011-2009 All:					
Seal		20724A			

Lincoln (FWD) MKZ, Zephyr

Wheel Front			Engine		
2020-2017 All:			Crankshaft-Rear		
Hub Assembly	[2]	BR931101	2020-2013 2.0L Eng.:		
2012-2006 All:			Seal (w/Retainer)	37400A	
Sealed Bearing	[2]	FW166	Timing Cover		
C-Clip	[2]	CIR166	2020-2017 3.0L Eng.:		
Hub Assembly (Kit)	[2]	BR930177K	Seal	18564A	
Knuckle Assembly (L.H.)		BR935011LK	2020-2013 2.0L Eng.:		
Knuckle Assembly (R.H.)		BR935012LK	Seal	14671	
Wheel Rear					
2016-2013 FWD:					
Hub Assembly	[2]	BR930874			
Transaxle-Automatic					
Input Shaft					
2009-2007 6 Spd. Auto. Trans. w/ FWD:					
Seal		16920A			
Drive Shaft					
2012-2007 AWD:					
Bearing & Support		HB88570			

Lincoln CUV MKC

Wheel Front		
2019-2018 All:		
Sealed Bearing	[2]	FW122

Lincoln CUV MKX, Nautilus

Wheel Front			Transaxle-Automatic		
2021-2019 Nautilus:			Differential		
Hub Assembly	[2]	BR931101	2014-2012 All:		
2018-2016 MKX:			Bearing (L.H.)	JLM506849/JLM506810	
Hub Assembly	[2]	BR931101			
Wheel Rear					
2021-2019 Nautilus:					
Hub Assembly	[2]	BR931102			
2018-2016 MKX:					
Hub Assembly	[2]	BR931102			

Lincoln CUV MKT

Transaxle-Automatic			Transaxle-Automatic (Cont.)		
Differential			Output Shaft (Cont.)		
2015-2012 All:			2016-2013 4 Cyl. Eng.:		
Bearing (L.H.)	JLM506849/JLM506810		Seal (L.H.)	13749	
Output Shaft			Seal (R.H.)	16385A	

Passenger cars, light & medium trucks

Lincoln Truck Mark LT					
MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Pinion					
Rear Axle					
2008-2007 9.75" Ring Gear:					
Seal		18024			
(Speedi-Sleeve)		99181			
Bearing (Inner)		BR996			
Bearing (Outer)		BR894			
Lincoln Truck Navigator					
Wheel Front (4 W/D)			Transmission-Automatic		
2021-2018 All:			Front Pump		
Hub Assembly		BR931141	2015-2009 All:		
Axle Shaft			Seal		17298
2017-2007 All:			Engine		
Seal	[2]	18005	Timing Cover		
Bearing	[2]	FC66998	2021-2006 All:		
Wheel Rear			Seal		18724
Axle Shaft					
2017-2007 All:					
Seal	[2]	18005			
Bearing	[2]	FC66998			
Differential					
Kit Rear					
2022-2015 9.75" Ring Gear:					
Standard Seal & Bearing Kit		SDK316-E			
Mazda (FWD), Mazda3, Mazda5, Mazda6					
Wheel Front					
2021-2014 Mazda6:					
Hub Assembly	[2]	BR930948			
2018-2014 Mazda3:					
Hub Assembly	[2]	BR931120			
Wheel Rear					
2021-2014 Mazda6:					
Hub Assembly	[2]	BR930967			
2018-2014 Mazda3:					
Hub Assembly	[2]	BR931113			
Engine					
Crankshaft-Rear					
2021-2014 Mazda3 w/ 2.0L Eng.:					
Seal		32432A			
2013-2006 2.0L, 2.3L & 2.5L Engs.:					
Seal		37400A			
Mazda (RWD), MX-5 Miata, RX8					
Wheel Rear			Clutch		
2021-2016 MX-5 Miata:			Release		
Hub Assembly	[2]	BR930971	2014-2006 MX-5 Miata:		
Axle Shaft			Bearing		N4058
2014-2006 MX-5 Miata w/ Man. Trans.:			Engine		
Seal	[2]	14747	Crankshaft-Rear		
2011-2006 RX8 w/ Man. Trans.:			2014-2006 MX-5 Miata:		
Seal	[2]	14747	Seal		37400A

Mazda CUV

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Drive Shaft		
2021-2016 CX-3:			2017-2013 CX-5:		
	Hub Assembly	[2] BR931120		Bearing & Support	HB2903-10
2021-2013 CX-5:			Engine		
	Hub Assembly	[2] BR930948	Crankshaft-Rear		
Wheel Rear			2021-2016 CX-3:		
2021-2016 CX-3 w/ AWD:				Seal	32432A
	Hub Assembly	[2] BR930972			
2021-2016 CX-9 w/ AWD:					
	Hub Assembly	[2] BR930999			
2021-2013 CX-5 w/ AWD:					
	Hub Assembly	[2] BR930968			
2021-2013 CX-5 w/ FWD:					
	Hub Assembly	[2] BR930967			
Axle Shaft					
2015-2007 CX-9 w/ AWD:					
	Seal	[2] 14007			
2012-2007 CX-7 w/A.W.D.:					
	Seal	[2] 14007			

Mercedes-Benz

Wheel Front		
2016-2014 CLA Series:		
	Sealed Bearing	[2] GRW503
Axle Shaft		
2013 CL550:		
	Bearing	[2] 6006-2RSJ
2013 CLS550:		
	Bearing	[2] 6006-2RSJ
2013-2006 C350:		
	Bearing	[2] 6006-2RSJ
Wheel Rear		
2006 CL65 AMG & S65 AMG:		
	Sealed Bearing	[2] GRW396

Mercedes-Benz CUV GL Class, GLA Class

Wheel Front		
2021-2020 GLE350, GLE450 & GLE580:		
	Hub Assembly	[2] BR931143
2016-2015 GLA Series:		
	Bearing	[2] GRW503
Wheel Rear		
2021-2020 GLE350, GLE450 & GLE580:		
	Hub Assembly	[2] BR931142
Drive Shaft		
2019-2013 GL63 AMG:		
	Bearing & Support	HB2905-10

Passenger cars, light & medium trucks

Mercury (FWD) Milan							
MFG./YEAR		MODEL & LOCATION	PART NO.	MFG./YEAR		MODEL & LOCATION	PART NO.
Wheel Front 2011-2006 All: Sealed Bearing [2] FW166 C-Clip [2] CIR166 Hub Assembly (Kit) [2] BR930177K Knuckle Assembly (L.H.) BR935011LK Knuckle Assembly (R.H.) BR935012LK				Drive Shaft 2011-2007 AWD: Bearing & Support HB88570			
Transaxle-Automatic Input Shaft 2009-2006 6 Spd. Auto. Trans. w/ AWD: Seal (L.H.) 13236 Seal (R.H.) 21564A 2009-2006 6 Spd. Auto. Trans. w/ FWD: Seal 16920A Output Shaft 2010 6F35 Trans. w/ FWD: Seal (L.H.) 13749 Seal (R.H.) 16066A				Engine Timing Cover 2010-2006 2.3L & 2.5L Engs.: Seal 14671			
Mercury (FWD) Sable (from 2008)							
Transaxle-Automatic Front Pump 2009-2008 All: Seal 20724A							
Mercury CUV Mariner							
Engine Timing Cover 2011-2006 2.3L & 2.5L Engs.: Seal 14671							
Mercury Truck Mountaineer							
Transmission-Automatic Front Pump 2010-2006 6R60 Trans.: Seal 17298							
MINI Cooper, Cooper Countryman, Cooper Paceman							
Wheel Front 2021-2016 Cooper Clubman w/ 1.5L & 2.0L Engs. Hub Assembly [2] BR930977 2021-2014 Cooper w/ 1.5L & 2.0L Engs.: Hub Assembly [2] BR930977 2019-2017 Cooper Countryman w/ 1.5L & 2.0L Engs.: Hub Assembly [2] BR930977				Transaxle-Automatic Output Shaft 2014-2006 Exc. CVT Trans.: Seal [2] 15632A			
Clutch Release 2016-2007 All: Bearing N6635							

Mitsubishi (FWD), Lancer, Mirage

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Rear					
2021-2014 Mirage & Mirage G4:					
	Sealed Bearing	[2] GRW28			
	C-Clip	[2] CIR28			
2016-2008 Lancer w/ AWD:					
	Hub Assembly	[2] BR930866			

Mitsubishi CUV Eclipse Cross, Endeavor, Outlander, Outlander Sport

Wheel Front			Transfer Case		
2020-2018 Outlander & Outlander Sport:			Front Output Shaft		
	Sealed Bearing	[2] FW93	2011-2010 Endeavor:		
	C-Clip	CIR93	Seal (Outer)		
Wheel Rear			15974		
2020-2018 Eclipse Cross w/ AWD:			2011-2007 Outlander:		
	Hub Assembly	[2] BR930996	Seal		
2020-2018 Eclipse Cross w/ FWD:			19755A		
	Hub Assembly	[2] BR930997	2008-2006 Endeavor:		
2020-2014 Outlander & Outlander Sport w/ AWD:			Seal (Outer)		
	Hub Assembly	[2] BR930996	15974		
2020-2014 Outlander w/ FWD:			2006 Outlander:		
	Hub Assembly	[2] BR930997	Seal		
2020-2013 Outlander Sport w/ FWD:			15974		
	Hub Assembly	[2] BR930997			
Axle Shaft			Engine		
2020-2018 Eclipse Cross w/ AWD:			Crankshaft-Rear		
	Seal	[2] 14006	2013-2008 Outlander w/ 2.4L Eng.:		
2020-2011 Outlander & Outlander Sport w/ AWD:			Seal		
	Seal	[2] 14006	33861		
Differential					
Rear Axle					
2006 Outlander:					
	Bearing	[2] BR30207			
Transaxle-Automatic					
Front Pump					
2011-2010 Endeavor:					
	Seal	16897			
2010-2008 Outlander w/ 2.4L Eng.:					
	Seal	20072A			
2008-2006 Endeavor:					
	Seal	16897			

Nissan (FWD), Altima, GT-R, Leaf, Maxima (from 2006), Sentra, Versa, Versa Note

Wheel Front			Wheel Rear (Cont.)		
2020-2018 Leaf:			2019-2009 GT-R:		
	Hub Assembly	[2] BR930872	Hub Assembly		
2020-2016 Maxima:			[2] BR930734		
	Hub Assembly	[2] BR930745	2018-2016 Maxima:		
2017-2013 Leaf:			Hub Assembly		
	Hub Assembly	[2] BR930872	[2] BR930698		
Wheel Rear			2017-2013 Leaf:		
2020-2019 Maxima:			Hub Assembly		
	Hub Assembly	[2] BR930698	[2] BR930875		
2020-2013 Versa & Versa Note:			Transaxle-Automatic		
	Sealed Bearing	[2] GRW40	Front Pump		
2019-2013 Sentra:			2013-2007 Sentra:		
	Hub Assembly	[2] BR930870	Seal		
			20072A		
			2008-2007 Maxima:		
			Seal		
			19299		
			(Continued)		

Passenger cars, light & medium trucks

(Cont.) -- Nissan (FWD), Altima, GT-R, Leaf, Maxima (from 2006), Sentra, Versa, Versa Note

Engine

Crankshaft-Rear

2014-2006 3.5L Eng.:

Seal30350A

Nissan (RWD), 350Z, 370Z

Wheel Front

2020-2009 370Z:

Hub Assembly [2] BR930890

Wheel Rear

2020-2014 370Z:

Hub Assembly [2] BR930730

Pinion

Rear Axle

2015-2011 370Z:

Seal17686

2010-2008 350Z & 370Z:

Seal17686

2007-2006 350Z:

Seal17686

Nissan CUV Juke, Murano, Pathfinder (from 2013), Rogue, Rogue Select

Wheel Front

2021-2014 Rogue & Rogue Sport:

Hub Assembly [2] BR930992

2020-2013 Pathfinder:

Hub Assembly [2] BR930745

2018-2015 Murano:

Hub Assembly [2] BR930745

Wheel Rear

2021-2016 Murano w/ FWD:

Hub Assembly [2] BR930698

2021-2015 Murano w/ AWD:

Hub Assembly [2] BR930868

2020-2017 Rogue Sport w/ AWD:

Hub Assembly [2] BR930732

2020-2014 Rogue w/ AWD:

Hub Assembly [2] BR930732

2020-2013 Pathfinder w/ 4WD:

Hub Assembly [2] BR930868

2020-2013 Pathfinder w/ FWD:

Hub Assembly [2] BR930698

2019-2017 Rogue Sport w/ FWD:

Hub Assembly [2] BR930970

Pinion

Rear Axle

2017-2011 Juke:

Seal14433A

Bearing (Inner)BR32206

Bearing (Outer)BR32

2015-2014 Rogue Select:

Seal19972A

Bearing (Inner)BR32206

Bearing (Outer)BR32

Pinion (Cont.)

Rear Axle (Cont.)

2014-2012 Murano:

Seal (Inner)19972A

Seal (Outer)14213A

Bearing (Inner)BR32206

Bearing (Center)GRW122

Bearing (Outer)BR32

2013-2012 Rogue From 12/2011:

Seal (Inner)19972A

Seal (Outer)14213A

Bearing (Inner)BR32206

Bearing (Center)GRW122

Bearing (Outer)BR32

2011-2009 Murano:

Seal (Inner)20437

Seal (Outer)14213A

Bearing (Inner)BR32206

Bearing (Center)GRW122

Bearing (Outer)BR32

2007-2006 Murano:

Seal (Inner)20437

Seal (Outer)14213A

Bearing (Inner)BR32206

Bearing (Center)GRW122

Bearing (Outer)BR32

Transaxle-Automatic

Front Pump

2010-2008 Rogue:

Seal20072A

2010-2006 Murano:

Seal19299

(Continued)

Nissan CUV Juke, Murano, Pathfinder (from 2013), Rogue, Rogue Select -- (Cont.)

Transfer Case

Input Shaft

2014 Rogue Select:	
Seal	22135A
Bearing (L.H.)	32010-X VP
Bearing (R.H.)	BR30304
2014-2009 Murano:	
Seal	20434
2013-2008 Rogue:	
Seal	22135A
Bearing (L.H.)	32010-X VP
Bearing (R.H.)	BR30304
2007-2006 Murano:	
Seal	20434

Rear Output Shaft

2014-2009 Murano:	
Seal	13733A
Bearing (Front)	BR32206
Bearing (Rear)	BR32205

Transfer Case (Cont.)

Rear Output Shaft (Cont.)

2007-2006 Murano:	
Seal	13733A
Bearing (Front)	BR32206
Bearing (Rear)	BR32205

Engine

Crankshaft-Rear

2014-2009 3.5L Eng.:	
Seal	30350A
2007-2006 3.5L Eng.:	
Seal	30350A

Nissan Truck US & Canada

Wheel Front (2 W/D)

2020-2006 Frontier:	
Hub Assembly	[2] BR930659
2019-2014 NV200 Taxi:	
Hub Assembly	[2] BR930745
2019-2013 NV200 Exc. Taxi:	
Hub Assembly	[2] BR930872

Wheel Front (4 W/D)

2020-2019 Frontier:	
Hub Assembly	[2] BR930638
2020-2017 Armada:	
Hub Assembly	[2] BR930926
2015-2012 Armada:	
Hub Assembly	[2] BR930886

Wheel Rear

2021-2012 NV1500, NV2500 & NV3500:	
Seal (Inner)	[2] 16535
2020-2017 Titan:	
Seal (Inner)	[2] 16535
2020-2016 NV200:	
Hub Assembly	[2] BR930873
2015-2008 Titan:	
Seal	[2] 21152A
Bearing	[2] BR27

Pinion

Front Axle

2017-2006 R180A & R200A Front Axles:	
Seal	15882
Bearing (Inner)	BR32207
Bearing (Outer)	BR32207

Rear Axle

2019-2006 R230 Rear Axle:	
Seal	19809A

Differential

Kit Rear

2017-2006 Dana 44 Axle:	
Standard Seal & Bearing Kit	SDK339-N
Master Seal & Bearing Kit	SDK339-NMK

Front Axle

2015-2006 Frontier & Xterra:	
Bearing	[2] BR30208
2011-2006 Pathfinder w/ 4.0L Eng.:	
Bearing	[2] BR30208

Transfer Case

Front Output Shaft

2016-2015 Frontier:	
Seal	17731A
2015 Titan:	
Seal	17731A
2014-2012 Armada & Titan:	
Seal	17731A
Bearing	[2] 6207-J
2012-2006 Pathfinder:	
Seal	17731A
Bearing	[2] 6207-J
2011-2006 Frontier & Xterra:	
Seal	17731A
Bearing	[2] 6207-J
2011-2006 Armada & Titan:	
Seal	17731A
Bearing	[2] 6207-J

Passenger cars, light & medium trucks

Pontiac (FWD) Vibe					
MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Drive Shaft 2010-2009 AWD: Bearing & SupportHB2901-10					
			Porsche Boxster, Panamera, 718, 911		
Wheel Front 2021-2006 911: Sealed Bearing [2] FW25 2020-2017 718: Sealed Bearing [2] FW25 2020-2017 Panamera: Sealed Bearing [2] FW218 2016-2006 Boxster: Sealed Bearing [2] FW25			Wheel Rear (Cont.) 2016-2006 Boxster: Sealed Bearing [2] FW25		
Wheel Rear 2021-2017 911: Sealed Bearing [2] FW25 2020-2017 718: Sealed Bearing [2] FW25 2020-2017 Panamera: Sealed Bearing [2] FW218					
Porsche CUV Cayenne, Macon					
Wheel Front 2021-2015 Macan: Hub Assembly [2] BR930817 2018-2011 Cayenne: Hub Assembly (Kit) [2] BR930994K					
Wheel Rear 2021-2015 Macan: Hub Assembly [2] BR930817 2018-2011 Cayenne: Hub Assembly (Kit) [2] BR930994K					
RAM C/V					
Wheel Rear 2015-2012 C/V: Hub Assembly [2] BR930882					
Transaxle-Automatic Front Pump 2015-2012 62TE Trans.: Seal15002A					
RAM 1/2 Ton, 1500 Series					
Wheel Front (2 W/D) 2021-2019 1500 Classic: Hub Assembly [2] BR930858 2018-2012 1500: Hub Assembly [2] BR930858			Wheel Front Axle Shaft 2021-2012 1500: Seal [2] 14815A		
Wheel Front (4 W/D) 2021-2019 1500 Classic: Hub Assembly [2] BR930858 2018-2012 1500: Hub Assembly [2] BR930858			Wheel Rear 2021-2011 1500: Seal [2] 17001 Bearing [2] F391315 (Continued)		

RAM 1/2 Ton, 1500 Series -- (Cont.)

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Rear (Cont.)			Engine (Cont.)		
Axle Shaft			Timing Cover		
2021-2011 1500:			2021-2013 3.6L Eng.:		
Seal	[2]	17001	Seal		17721A
Pinion			2021-2011 5.7L Eng.:		
Front Axle			Seal		20024
2021-2012 8.50" Ring Gear:					
Seal		19740A			
Transfer Case					
Input Shaft					
2012-2011 1500 & Dakota w/ New Process 243:					
Seal		19092			
Bearing (Front)		6010-NRJ			
Bearing (Rear)		B2110			
Engine					
Crankshaft-Rear					
2021-2011 5.7L Eng.:					
Seal		39252A			

RAM 3/4 Ton, 2500 Series

Wheel Front (4 W/D)			Transmission-Automatic		
Axle Shaft			Adapter Housing		
2021-2011 All:			2013-2011 68RFE Trans.:		
Seal	[2]	14474	Seal		19293
Wheel Rear			Rear Extension		
2021-2019 All:			2013-2011 68RFE Trans.:		
Bearing (Inner)		SET407	Seal		22029
(Set Components)		BR28682/BR28622	Engine		
Bearing (Outer)	[2]	BR38	Crankshaft-Rear		
(Set Components)		LM104949 VP/LM104911	2021-2011 5.7L & 6.4L Engs.:		
Pinion			Seal		39252A
Front Axle			Timing Cover		
2020-2011 American 9.25" Axle:			2021-2011 5.7L & 6.4L Engs.:		
Seal		20459	Seal		20024
(Speedi-Sleeve)		99878			
Bearing (Inner)		HM804846/HM804810 VP			
Bearing (Outer)		HM88649/HM88610			
Differential					
Kit Front					
2020-2011 9.25" American Axle:					
Standard Seal & Bearing Kit		SDK324-G			
Transfer Case					
Front Output Shaft					
2021-2013 Borg Warner Transfer Case:					
Seal		18892			
Bearing (Front)		6208-J			
Bearing (Rear)		6307-J			
Rear Output Shaft					
2021-2013 Borg Warner Transfer Case:					
Seal		22865A			
Bearing		6309-J			

Passenger cars, light & medium trucks

RAM 1 Ton, 3500 Series							
MFG./YEAR		MODEL & LOCATION	PART NO.	MFG./YEAR		MODEL & LOCATION	PART NO.
Wheel Front (4 W/D)				Transfer Case			
Axle Shaft				Front Output Shaft			
2021-2011 All:				2021-2013 Borg Warner Transfer Case:			
Seal			[2] 14474	Seal			18892
Wheel Rear				Bearing (Front)			6208-J
2021-2019 Single Rr. Whls.:				Bearing (Rear)			6307-J
Bearing (Inner)			[2] SET407	Rear Output Shaft			
(Set Components)			BR28682/BR28622	2021-2013 Borg Warner Transfer Case:			
Bearing (Outer)			[2] BR38	Seal			22865A
(Set Components)			LM104949 VP/LM104911	Bearing			6309-J
2021-2019 Dual Rr. Whls. w/ 11.50" Ring Gear:				Engine			
Bearing (Inner)			[2] SET409	Crankshaft-Rear			
(Set Components)			BR45280/BR45220	2021-2011 5.7L & 6.4L Engs.:			
Bearing (Outer)			[2] BR38	Seal			39252A
(Set Components)			LM104949 VP/LM104911	Timing Cover			
Differential				2021-2011 5.7L & 6.4L Engs.:			
Kit Front				Seal			20024
2018-2011 9.25" American Axle:							
Standard Seal & Bearing Kit			SDK324-G				

RAM 1 1/2 Ton, 2 Ton, 4500 Series, 5500 Series					
Wheel Front			Engine		
2018-2011 4500 & 5500 Series:			Crankshaft-Rear		
Hub Assembly		[2] BR930508	2016-2014 6.4L Eng.:		
Sensor Harness		[2] SC508	Seal		39252A
Differential					
Kit Rear					
2018-2011 Dana S14 Axle:					
Standard Seal & Bearing Kit		SDK434			
Transfer Case					
Front Output Shaft					
2014 4500 & 5500 Series:					
Seal		18892			
(Speedi-Sleeve)		99189			
Bearing (Front)		6208-J			
Bearing (Rear)		6307-J			
2013 4500 & 5500 Series w/o Electronically					
Controlled Transfer Case:					
Seal		18892			
(Speedi-Sleeve)		99189			
Bearing (Front)		6208-J			
Bearing (Rear)		6307-J			

RAM Promaster, Promaster City					
Wheel Front			Engine		
2021-2015 ProMaster City:			Timing Cover		
Sealed Bearing		[2] FW52	2021-2014 3.6L Eng.:		
C-Clip		CIR52	Seal		17721A
2021-2014 ProMaster 1500, 2500 & 3500:					
Sealed Bearing		[2] FW505			
C-Clip		[2] CIR505			
Transaxle-Automatic					
Front Pump					
2020-2014 62TE Trans.:					
Seal		15002A			
2015 ProMaster City:					
Seal		17914			

Rover Discovery, LR2, LR4, Range Rover Evoque

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Engine (Cont.)		
2018-2012 Range Rover Evoque:			Timing Cover		
Sealed Bearing	[2]	FW33	2015-2012 2.0L Eng.:		
C-Clip	[2]	CIR33	Seal		14671
2016-2014 LR4:					
Hub Assembly	[2]	BR930604			
Wheel Rear					
2018-2012 Range Rover Evoque:					
Sealed Bearing	[2]	FW48			
2016-2015 Discovery Sport:					
Sealed Bearing	[2]	FW33			
2015-2014 LR2:					
Sealed Bearing	[2]	FW44			
Engine					
Crankshaft-Rear					
2015-2012 2.0L Eng.:					
Seal (w/Retainer)		37400A			

Scion iA

Wheel Front		
2016 iA:		
Hub Assembly	[2]	BR930971

Scion US & Canada, (RWD), FR-S

Wheel Rear		
2016-2013 FR-S:		
Hub Assembly	[2]	BR930766
Engine		
Timing Cover		
2015-2013 FR-S:		
Seal		19673A

SRT Viper

Differential		
Rear Axle		
2014-2013 All:		
Bearing	[2]	BR36
(Set Components)		LM603049 VP/LM603012

Smart Fortwo

Wheel Front		
2016-2008 Fortwo:		
Hub Assembly (Kit)	[2]	BR930861K
Wheel Rear		
2017-2008 Fortwo:		
Hub Assembly	[2]	BR930549

Passenger cars, light & medium trucks

Subaru Baja, BRZ, Impreza, Legacy, Outback, WRX, WRX STi

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Wheel Rear (Cont.)		
2021-2015 Legacy & Outback:			Axle Shaft		
Hub Assembly	[2]	BR930769	2021-2012 Impreza w/ CVT Trans.:		
2020-2013 BRZ:			Seal (L.H.)		12745
Hub Assembly	[2]	BR930880	2020-2013 BRZ:		
2019-2014 WRX & WRX STi:			Seal	[2]	16917
Hub Assembly	[2]	BR930769			
2019-2014 Impreza From 1/13/14:					
Hub Assembly	[2]	BR930995			
Wheel Rear					
2021-2015 WRX & WRX STi:					
Hub Assembly	[2]	BR930768			
2021-2015 Impreza:					
Hub Assembly	[2]	BR930928			
2021-2015 Legacy & Outback:					
Hub Assembly	[2]	BR931103			
2020-2013 BRZ:					
Hub Assembly	[2]	BR930766			

Subaru CUV Ascent, Crosstrek, Forester, XV Crosstrek

Wheel Front			Wheel Rear (Cont.)		
2021-2019 Ascent:			Axle Shaft		
Hub Assembly	[2]	BR930769	2015-2013 XV Crosstrek w/ Auto. Trans.:		
2021-2016 Crosstrek:			Seal (L.H.)		12745
Hub Assembly	[2]	BR930995			
Wheel Rear					
2021-2019 Ascent:					
Hub Assembly	[2]	BR931103			
2021-2019 Forester:					
Hub Assembly	[2]	BR930768			
2021-2013 Crosstrek & XV Crosstrek:					
Hub Assembly	[2]	BR930928			

Tesla S, X

Wheel Front		
2020-2016 Model X:		
Hub Assembly	[2]	BR931008
2020-2012 Model S:		
Hub Assembly	[2]	BR931008
Wheel Rear		
2020-2016 Model X:		
Hub Assembly	[2]	BR931008
2020-2012 Model S:		
Hub Assembly	[2]	BR931008

Toyota (FWD), Avalon, Camry, Corolla, Mirai, Matrix, Prius, Solara, Yaris

Wheel Front			Wheel Front (Cont.)		
2021 Avalon w/ 2.5L Eng.:			2021-2016 Prius & Prius Prime:		
Hub Assembly	[2]	BR931107	Hub Assembly	[2]	BR931106
2021-2019 Avalon w/ 3.5L Eng.:			2021-2012 Prius C:		
Hub Assembly	[2]	BR931108	Sealed Bearing	[2]	FW21
2021-2018 Camry w/ 2.5L Hybrid Eng.:			C-Clip	[2]	CIR21
Hub Assembly	[2]	BR931108	2020 Corolla Japanese Built:		
2021-2018 Camry w/ 3.5L Eng.:			Hub Assembly	[2]	BR931106
Hub Assembly	[2]	BR931108	2020-2019 Yaris:		
2021-2018 Camry w/ 2.5L Gas. Eng.:			Hub Assembly	[2]	BR930971
Hub Assembly		BR931107	(Continued)		

Toyota (FWD), Avalon, Camry, Corolla, Mirai, Matrix, Prius, Solara, Yaris -- (Cont.)

Wheel Front (Cont.)

2020-2016 Mirai:	
Hub Assembly	[2] BR930614
2019 Corolla:	
Hub Assembly	[2] BR931106
2018-2017 Yaris iA:	
Hub Assembly	[2] BR930971
2018-2006 Corolla:	
Sealed Bearing	[2] FW188
C-Clip	[2] CIR188
Hub Assembly (Kit)	[2] BR930598K
2017-2012 Camry w/ 3.5L Eng.:	
Sealed Bearing	[2] FW50
C-Clip	[2] CIR50
Hub Assembly	[2] BR930568K
2017-2012 Camry w/ 2.5L Gas. Eng.:	
Sealed Bearing	[2] FW50
C-Clip	[2] CIR50
Hub Assembly	[2] BR930569K

Wheel Rear

2021-2020 Corolla Japanese Prod. (Vehicle Vin Beginning w/ J):	
Hub Assembly	[2] BR930974
2021-2017 Prius C:	
Hub Assembly	BR930686
2021-2017 Prius Prime:	
Hub Assembly	[2] BR930974
2021-2016 Prius Exc. C & V:	
Hub Assembly	[2] BR930974
2020-2016 Mirai:	
Hub Assembly	[2] BR930961
2019-2009 Corolla w/ 1.8L Eng.:	
Hub Assembly	[2] BR930713

Transaxle-Automatic

Front Pump

2019-2007 Yaris:	
Seal	15302
2017-2010 Camry:	
Seal	16929
2016-2009 Corolla:	
Seal	15302

Output Shaft

2018-2007 Yaris:	
Seal (L.H.)	13391
Seal (R.H.)	13439

Transaxle-Manual

Input Shaft

2018-2007 Yaris:	
Seal	9846A
Bearing (Rear)	6305-NSP19

Drive Shaft

2014-2009 Matrix w/ AWD:	
Bearing & Support	HB2901-10

Toyota (RWD), 86

Wheel Front

2020-2017 86:	
Hub Assembly	[2] BR930880

Wheel Rear

2020-2017 86:	
Hub Assembly	[2] BR930766

Pinion

Rear Axle

2020-2017 86:	
Seal	15155A

Toyota Sienna

Wheel Rear

2021 Sienna w/ AWD:	
Hub Assembly	[2] BR930775
2020-2011 Sienna w/ AWD:	
Hub Assembly	[2] BR930831
2020-2011 Sienna w/ FWD:	
Hub Assembly	[2] BR930785

Pinion

Rear Axle

2020-2011 Sienna:	
Seal	21268
Bearing (Inner)	BR3568
Bearing (Outer)	BR3062

Passenger cars, light & medium trucks

Toyota CUV C-HR, Highlander, RAV4, Venza

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front			Wheel Rear (Cont.)		
2021	Venza:		2013-2008 Highlander w/ FWD:		
	Hub Assembly	[2] BR931105	Seal	[2] 34395	
2021-2019 RAV4 Hybrid Canadian Built Vehicle:			Hub Assembly (L.H.)	[1] BR930798	
	Hub Assembly	BR931105	Hub Assembly (R.H.)	[1] BR930797	
2021-2019 RAV4 Hybrid Japan Built Vehicle:			Axle Shaft		
	Hub Assembly	BR931104	2021-2013 RAV4 w/ AWD:		
2021-2019 RAV4 Exc. Hybrid:			Seal	[2] 14632	
	Hub Assembly	BR931105			
2021-2018 C-HR:					
	Hub Assembly	BR931111			
2019 Highlander w/ 3.5L Eng.:					
	Sealed Bearing	[2] FW212			
	C-Clip	[2] CIR212			
Wheel Rear					
2021 C-HR Exc. Japan Built Vehicle:					
	Hub Assembly	[2] BR931118			
2021-2014 Highlander w/ AWD:					
	Hub Assembly	[2] BR930775			
2021-2014 Highlander w/ FWD:					
	Hub Assembly	[2] BR930776			
2020-2018 C-HR:					
	Hub Assembly	[2] BR931118			

Toyota Truck FJ Cruiser, Land Cruiser, Sequoia, Tacoma, Tundra, 4Runner

Wheel Front (2 W/D)			Wheel Front (4 W/D) (Cont.)		
2021-2016 Tacoma:			2021-2006 4Runner:		
	Sealed Bearing	[2] FW194	Seal (Inner)	[2] 28739	
	Hub Assembly	[2] BR930980	Seal (Outer)	[2] 31897	
2021-2008 Sequoia:			Seal (O-Ring)	[2] 30192	
	Seal	[2] 34395	Sealed Bearing	[2] FW194	
	Bearing & Housing Assy.	[2] FW211	Hub Assembly	[2] BR930978	
	Hub Assembly	[2] BR930981	2019-2008 Sequoia:		
2021-2007 Tundra:			Seal (Inner)	[2] 32340A	
	Seal	[2] 34395	Seal (Outer)	[2] 34395	
	Bearing & Housing Assy.	[2] FW211	Bearing & Housing Assy.	[2] FW211	
	Hub Assembly	[2] BR930981	Hub Assembly	[2] BR930979	
2021-2006 4Runner:			2019-2007 Tundra:		
	Seal	[2] 31897	Seal (Inner)	[2] 32340A	
	Sealed Bearing w/Housing	[2] FW194	Seal (Outer)	[2] 34395	
	Seal (O-Ring)	[2] 30192	Bearing & Housing Assy.	[2] FW211	
	Hub Assembly	[2] BR930980	Hub Assembly	[2] BR930979	
2015-2006 Tacoma PreRunner:			2018-2006 Tacoma:		
	Seal	[2] 31897	Seal (Inner)	[2] 28739	
	Seal (O-Ring)	[2] 30192	Seal (Outer)	[2] 31897	
	Sealed Bearing w/Housing	[2] FW194	Seal (O-Ring)	[2] 30192	
	Hub Assembly	[2] BR930980	Sealed Bearing	[2] FW194	
2009-2007 FJ Cruiser:			Hub Assembly	[2] BR930978	
	Seal	[2] 31897	Axle Shaft		
	Seal (O-Ring)	[2] 30192	2021-2008 Sequoia & Tundra:		
	Sealed Bearing w/Housing	[2] FW194	Seal (L.H.)	18195A	
	Hub Assembly	[2] BR930980	Seal (R.H.)	18478	
Wheel Front (4 W/D)			2021-2008 Land Cruiser:		
2021-2020 Sequoia & Tundra:			Seal (L.H.)	18195A	
	Hub Assembly	[2] BR930981	Seal (R.H.)	18478	
2021-2019 Tacoma:			2021-2006 Tacoma:		
	Sealed Bearing	[2] FW194	Seal (L.H.)	18195A	
2021-2013 Land Cruiser:			Seal (R.H.)	18478	
	Seal (Inner)	[2] 32340A	Bearing (R.H.)	BR4317	
	Seal (Outer)	[2] 34395			
	Bearing & Housing Assy.	[2] FW211			

(Continued)

Toyota Truck FJ Cruiser, Land Cruiser, Sequoia, Tacoma, Tundra, 4Runner -- (Cont.)

Wheel Front (4 W/D) (Cont.)

Axle Shaft (Cont.)

2021-2006 4Runner:

Seal (L.H.)	18195A
Seal (R.H.)	18478
Bearing (R.H.)	BR4317

Wheel Front (A.W.D.)

2015-2010 Tacoma:

Seal (Inner)	[2] 28739
Seal (Outer)	[2] 31897
Seal (O-Ring)	[2] 30192
Sealed Bearing	[2] FW194
Hub Assembly	[2] BR930978

Wheel Rear

2021-2013 Land Cruiser:

Seal	[2] 23692
Lock Ring	[2] R617
Hub Assembly (L.H.)	BR930616
Hub Assembly (R.H.)	BR930617

2021-2008 Sequoia:

Seal (Inner)	[2] 34395
Seal (Outer)	[2] 32340A
Hub Assembly	[2] BR930668

2021-2007 Tundra:

Seal	[2] 23692
Seal (O-Ring)	[2] 90301A
C-Clip	[2] CIR617
Lock Ring	[2] R617
Hub Assembly (L.H.)	BR930616
Hub Assembly (R.H.)	BR930617

2021-2006 Tacoma:

Seal	[2] 22822
Lock Ring	[2] R271
Hub Assembly (L.H.)	BR930402
Hub Assembly (R.H.)	BR930401

2021-2006 4Runner:

Seal	[2] 22822
Sealed Bearing (L.H.)	GRW271
Lock Ring	[2] R271
C-Clip	CIR270
Sealed Bearing (R.H.)	GRW270
Lock Ring	[2] R271
C-Clip	CIR270

Pinion

Front Axle

2021-2016 Sequoia:

Seal	18168A
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2021-2016 Tundra:

Seal	18168A
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Pinion (Cont.)

Rear Axle

2021-2010 4Runner:

Seal	17712A
Bearing (Inner)	BR122
Bearing (Outer)	BR121
Crush Sleeve Kit	KRS155

2021-2008 Sequoia:

Seal	20470A
Bearing (Inner)	BR911
Bearing (Outer)	BR4090

2021-2007 Tundra w/ 10.5" Ring Gear:

Seal	19802
Bearing (Inner)	BR159
Bearing (Outer)	BR158
Crush Sleeve Kit	KRS153

2021-2007 Tundra w/ 9.5" Ring Gear:

Seal	17779A
Bearing (Inner)	BR30308
Bearing (Outer)	BR3360
Crush Sleeve Kit	KRS152

Differential

Kit Rear

2020-2016 Tacoma w/ 8.2" Ring Gear w/o

Locking Diff.:

Standard Seal & Bearing Kit	SDK383
Master Seal & Bearing Kit	SDK383-MK

2020-2016 Tacoma w/ 8.2" Ring Gear w/ Locking

Diff.:

Standard Seal & Bearing Kit	SDK383-A
Master Seal & Bearing Kit	SDK383-AMK

2020-2007 9.50" Ring Gear:

Standard Seal & Bearing Kit	SDK381
Master Seal & Bearing Kit	SDK381-MK

2020-2007 10.50" Ring Gear:

Standard Seal & Bearing Kit	SDK382
Master Seal & Bearing Kit	SDK382-MK

Drive Shaft

2017-2016 Tacoma:

Bearing & Support	HB2900-20
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Volkswagen Arteon, Beetle, CC, Eos, GTI, Golf

Wheel Front

2021-2019 Jetta:

Hub Assembly	[2] BR930966
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2021-2019 Arteon:

Hub Assembly	[2] BR930966
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2021-2019 Passat:

Hub Assembly	[2] BR930623
Bearing Kit	[2] WKH3643

2021-2015 Golf & GTI w/o AWD:

Hub Assembly	[2] BR930966
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Wheel Front (Cont.)

2019-2012 Beetle:

Hub Assembly	[2] BR930623
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2013-2012 Golf R Model:

Hub Assembly	[2] BR930623
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Wheel Rear

2021-2019 Arteon:

Hub Assembly	[2] BR930622
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Passenger cars, light & medium trucks

(Cont.) -- Volkswagen Arteon, Beetle, CC, Eos, GTI, Golf

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Rear (Cont.)					
2021-2019 Jetta:					
	Hub Assembly	[2] BR930524			
	Bearing Kit	[2] WKH3656			
2021-2015 Golf w/ FWD:					
	Hub Assembly	[2] BR930524			
	Bearing Kit	[2] WKH3656			
2021-2006 CC & Passat w/F.W.D.:					
	Hub Assembly	[2] BR930622			
2020-2015 GTI:					
	Hub Assembly	[2] BR930524			
2019-2018 Beetle:					
	Hub Assembly	[2] BR930622			
2016-2010 CC w/ A.W.D.:					
	Hub Assembly	[2] BR930623			
2013-2012 Golf R Model:					
	Hub Assembly	[2] BR930623			

Volkswagen CUV Tiguan, Touareg

Wheel Front			Transaxle-Automatic		
2021-2018 Tiguan:			Output Shaft		
	Hub Assembly	[2] BR930966	2014-2009 Tiguan w/ AWD:		
2018 Tiguan Limited:			Seal (L.H.)	15632A	
	Hub Assembly	[2] BR930623	Seal (Outer R.H.)	13100	
	Bearing Kit	[2] WKH3643			
2018 Tiguan Limited 4MOTION:					
	Hub Assembly	[2] BR930623			
	Bearing Kit	[2] WKH3643			
Wheel Rear					
2018-2009 Tiguan w/ AWD:					
	Hub Assembly	[2] BR930623			
	Bearing Kit	WKH3643			
2018-2009 Tiguan w/ FWD:					
	Hub Assembly	[2] BR930622			
Pinion					
Front Axle					
2012-2006 Touareg:					
	Seal	19740A			

Volvo V60, V90

Wheel Front			Engine		
2020-2019 S60 & V60:			Crankshaft-Rear		
	Hub Assembly (Kit)	[2] WKH7132	2015 2.0L Eng.:		
2020-2017 V90 & V90 Cross Country:			Seal	38883	
	Hub Assembly (Kit)	[2] WKH7132			
2020-2017 S90:					
	Hub Assembly (Kit)	[2] WKH7132			
2018 S60 & V60:					
	Hub Assembly	[2] BR930863			
Wheel Rear					
2020-2019 S60 & V60 w/ AWD:					
	Hub Assembly	[2] WKH7132			
2020-2017 V90 & V90 Cross Country w/ AWD:					
	Hub Assembly (Kit)	WKH7132			
2020-2017 S90 w/ AWD:					
	Hub Assembly (Kit)	[2] WKH7132			

Volvo CUV XC60, XC90

MFG./YEAR	MODEL & LOCATION	PART NO.	MFG./YEAR	MODEL & LOCATION	PART NO.
Wheel Front					
2020-2016 XC90:					
	Hub Assembly (Kit)	[2] WKH7132			
2019-2010 XC60:					
	Hub Assembly	[2] BR930863			
Wheel Rear					
2020-2019 XC60 w/ AWD:					
	Hub Assembly (Kit)	[2] WKH7132			
2020-2016 XC90 w/ AWD:					
	Hub Assembly (Kit)	[2] WKH7132			
2018 XC60:					
	Hub Assembly (Kit)	[2] WKH7132			

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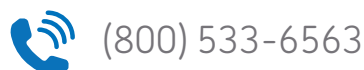
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