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## 1994-2012 Dodge 4WD Index Ring Installation Instructions Part # IXR10, IXR20K

### REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Wrenches & Sockets
- Allen Wrenches
- Bristle Disc
- Stud Remover
- Torque Wrench
- Transmission Jack



Before beginning the installation, thoroughly & completely read these instructions & the enclosed driver's WARNING NOTICE. Affix the WARNING decal in the passenger compartment in clear view of all occupants. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle. If any parts are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain the needed items. If you have any questions or reservations about installing this product, contact SKYJACKER® Technical Assistance at 318-388-0816.

### Component Box Breakdown:

#### Part #: IXR10 / IXR20K

Item #	Description	Qty	Item #	Description	Qty
IXR10-S	INDEX RING FOR 94-01 DODGE (Included With IXR10)	1	10X25SHB	10MM X 25 SOCKET HEAD BOLT (Included With IXR20K)	6
IXR20-S	INDEX RING, 03> DODGE (Included With IXR20K)	1	HB-IXR10	HDWR BG:INDEX RNG IXR10/20 (Included With IXR10 & IXR20K)	1
DTSA269	2.69"OD TRANS SEAL ADAPTER (Included With IXR20K)	1	I-IXR10	INST. SHEET / INDEXING RING (Included With IXR10 & IXR20K)	1
TCS2675	T-CASE SEAL (Included With IXR20K)	1			

### Hardware Bag Breakdown:

#### Part # HB-IXR10

Item #	Description	Qty	Item #	Description	Qty
38X158IRS	3/8 X 1 5/8 STUD, INDEX RING	6	38X1SHB	3/8 X 1 SOCKET HEAD BOLT	6
38IRFN	3/8" FLANGED NUT, INDEX RING	6	LT100	NUTS N' BOLTS 427 1 ML TUBE	1
38IRW	3/8" BLK WASHER, INDEX RING	6	S343-3	SILICONE, ULTRA BLACK, 3 OZ.	1

## Installation:

1. Drain the fluid from the transfer case & disconnect the drive shafts. Remove the speedometer wire from the rear of the transfer case & remove any vacuum lines, vent hoses, & etc from the top of the transfer case. If equipped, remove the transfer case shift linkage from the transfer case bracket. Remove the six retaining nuts that hold the transmission to the transfer case & remove the transfer case using a transmission jack.
2. With the transfer case out of the vehicle, remove the six retaining studs on the front of the transfer case using a stud remover or similar tool. **Note:** Now would be a good time to check the condition or replace your transfer case input seal & extension housing seal.
3. Clean the outside edge of the transfer case with a bristle disc or similar tool, being sure to remove all silicone. **Note:** This surface should be clean & free of any residue. (See Photo # 1)
4. Install the new Skyjacker 3/8" x 1 5/8" studs into the new Skyjacker index ring. The new studs will install into the counter sunk holes of the new index ring & the new studs should be pointing in the same direction of the inside lip of the new index ring. (See Photo # 2) **Note:** The teeth on the head of the new studs will prevent spinning. To ensure that the new studs are pulled down flush, thread on the new Skyjacker nuts & tighten. Then remove the new nuts for future installation.
5. Line the new index ring up on the transfer case. **Note:** The new index ring will only install one way. Once the holes are lined up, mark the position with a marker so it can easily be lined up once the new Skyjacker silicone is applied. (See Photo # 3)
6. Apply a bead of the new silicone to the outside of the transfer case mounting surface. (See Photo # 4) Install the new index ring using the new Skyjacker 3/8" x 1" allen head bolts, washers, & thread locking compound.

Transmission Seal Adapter

7. Tighten each bolt across from each other so the new index ring pulls up tight. Torque to 35 ft. lbs. (See Photo # 5)



Photo # 6



Photo # 1



Photo # 2



Photo # 3



Photo # 4

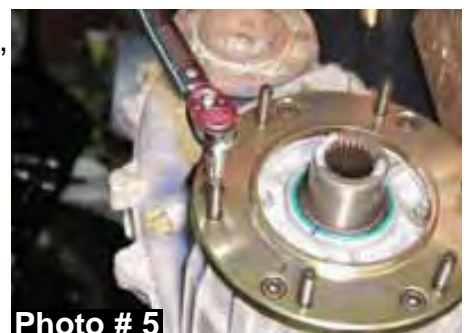


Photo # 5

**Note:** Some manual transmission models & models with a G56 manual transmission will not require the use of the new Skyjacker transmission seal adapter. (See Photo # 6) If the new transmission seal adapter is not required, do not remove the rear transmission seal.

**If not installing a new transmission seal adapter, skip to Step # 9.**

**Note:** If the OEM inner transmission output seal is 2.57" OD, order separately the transmission seal adapter Part # DTSA10.



**Photo # 7**



**Photo # 8**



**Photo # 9**

8. Remove the inner transmission output seal located at the rear of the transmission. Install the new transmission seal adapter into the rear of the transmission. **Note:** It is recommended to apply a thin layer of silicone on the outside of the new transmission seal adapter so it can slide in without binding. To install, tap the new transmission seal adapter in until it seats flush. It is recommended to use a 2x4 or other flat surface when tapping in the new transmission seal adapter. This will ensure the new transmission seal adapter is installed straight. Once the new transmission seal adapter is installed, install the new transmission seal (Part # TCS2675) into the new transmission seal adapter using the same process. (See Photo # 7 / Arrow # 1 shows the new transmission seal adapter & Arrow # 2 shows the new transmission seal.)
9. Clean the backside of the transmission mounting surface using a bristle disc or similar tool. Apply a bead of silicone around the rear outside edge of the transmission mounting surface. (See Photo # 8)
10. Using a transmission jack, install the transfer case using the new Skyjacker flange nuts & washers. (See Photo # 9)
11. Reconnect the speedometer wire, vacuum lines, vent hoses, shift linkage, & etc.
12. Refill the transfer case with fluid & reinstall the drive shafts.

**TORQUE SPECIFICATIONS**

<b><u>INCH SYSTEM</u></b>			<b><u>METRIC SYSTEM</u></b>		
<b>Bolt Size</b>	<b>Grade 5</b>	<b>Grade 8</b>	<b>Bolt Size</b>	<b>Class 8.8</b>	<b>Class 10.9</b>
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FT LB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

• The above specifications are not to be used when the bolt is being installed with a bushing.

**Seat Belts Save Lives, Please Wear Your Seat Belt.**



**Jesus Forgives,  
Rocks Don't**

### ***Jesus Christ Died For You.***

John 3:16

For God so loved the world that He gave His only Son, so that everyone who believes in Him should not perish, but have everlasting life.  
Romans 3:23

For all have sinned; all fall short of God's glorious standard.  
Ephesians 2:8

God saved you by his special favor when you believed. And you can't take credit for this; it is a gift from God.  
Psalms 18:2

The Lord is my Rock, my fortress, and my savior; my God is my Rock, in whom I find protection. He is my shield, the strength of my salvation, and my stronghold.  
Romans 10:9-10

That if you shall confess with thy mouth the Lord Jesus, and shall believe in your heart that God hath raised him from the dead, you shall be saved. For with the heart man believeth unto righteousness; and with the mouth confession is made unto salvation.

Pray This Simple Prayer:

God, I come to You admitting I have sinned against You and I need you to take control of my life. The Bible says anyone who calls on the name of the Lord will be saved. I am calling on You, Jesus. I ask that You come live in my heart and be the Lord over my life today. I do believe You died on the cross for me and came back to life to give me life! Thank You, Lord Jesus for a new life in You!

Now, go and tell somebody about your new life in Jesus, get a Bible, begin to read it, and go to a Bible believing church.

If you would like someone to pray with you, call Kenneth Copeland Ministries anytime at 800-600-7395.

To listen to commercial free Christian radio on the web, go to [www.887fm.org](http://www.887fm.org)

### ***Jesús murió por ti.***

Juan 3:16

"Porque tanto amó Dios al mundo, que dio a su Hijo unigénito, para que todo el que cree en él no se pierda, sino que tenga vida eterna."  
Romanos 3:23

"Pues todos han pecado y están privados de la gloria de Dios."  
Efesios 2:8

"Porque por gracia ustedes han sido salvados mediante la fe; esto no procede de ustedes, sino que es el regalo de Dios."  
Salmos 18:2

"El Señor es mi roca, mi amparo, mi libertador; es mi Dios, el peñasco en que me refugio. Es mi escudo, el poder que me salva, ¡mi más alto escondite!"  
Romanos 10:9-10

"9 Que si confi esas con tu boca que Jesús es el Señor, y crees en tu corazón que Dios lo levantó de entre los muertos, serás salvo. 10 Porque con el corazón se cree para ser justifi cado, pero con la boca se confi esa para ser salvo."

Ahora dí esta simple oración:

Dios, vengo a Ti y admito que he pecado contra Ti, necesito que tomes el control de mi vida. La Biblia dice que todo aquel que invoca el nombre del Señor escapará con vida. En este momento yo clamo ante Ti, Jesús; te pido que vengas a vivir en mi corazón y que tomes el control de mi vida. ¡Yo creo que tu moriste en la cruz y resucitaste para darme vida! ¡Gracias Señor Jesús, por una nueva vida que tengo en Ti! Amen.

Ahora ve y dile a alguien sobre la nueva vida que tienes en Cristo. Compra una Biblia y empieza a leerla. Busca una Iglesia que cree en la Biblia y hazte parte de esa Iglesia.

Si te gustaría orar con alguien, puedes llamar a este número 800-600-7395

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