

# TIGEAR-2® REDUCERS

BALDOR • DODGE®

RENEWAL PARTS

## TIGEAR-2 REDUCERS MAXSERVICE KITS

Select kit(s) appropriate for the level of service to be performed or select MAXSERVICE Kit if complete disassembly of reducer is anticipated. MAXSERVICE Kit will include all the items listed per size in the tables below.

- Kits contain only genuine Dodge renewal parts for optimum performance.
- Easy to use chart - reducer size + input + output, all from reducer nameplate are all that is needed.
- Lube part number listed is a premium synthetic and is sufficient to fill one reducer.
- To protect against downtime a service kit safety stock is recommended.

**MAXSERVICE Kit** includes all high wear internal components of a reducer. Provides confidence that a complete set of factory original service parts are on hand prior to beginning the maintenance procedure. Use for standard duty reducers.

### Service Kits

Individual service kits may be selected for those maintenance procedures that will not require a complete MAXSERVICE Kit.

#### Bearing Kit

Complete set of reducer bearings.

#### Bore Plugs

Replace following service.

#### Gear Lube

High performance synthetic that is also H1 food grade.

#### Harsh Duty Seal & Gasket Kit (E-Z Kleen & Ultra Kleen)

Complete set of input & output seals with o-rings and motor gasket. Includes 2-pc harsh duty output seal.

#### Input Bore Adapter

Convert quill bore from 140TC (7/8") to 56C (5/8")

#### Paint - Aerosol Touch-up

Original factory blue-green. Also epoxy & stainless.

#### Seal & Gasket Kit (Standard)

Complete set of input & output seals with o-rings and motor gasket.

#### Shim Kit

Complete set of shims.

#### Shaft Reversal Kit

Change output shaft to opposite position.



MAXSERVICE Kit



INPUT BORE ADAPTER



BEARING KIT



TOUCH-UP PAINT



BORE PLUGS



SEAL & O-RING KIT (STANDARD)



GEAR LUBE



SHIM KIT



HARSH DUTY SEAL & O-RING KIT



SHAFT REVERSAL KIT

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## Gear Lube

Tigear-2 reducers are factory filled with a high performance synthetic lubricant which is also an H1 food grade lubricant. Additional lubricant may be ordered using part numbers in following table.

	Quart - 32 oz	Gallon - 128 oz
Standard Temp	334863	334862
Low Temp	334861	334860



GEAR LUBE

## Approximate Oil Volumes

Lube Capacity By Reducer Size										
Reducer Configuration	13	15	17	20	23	26	30	35	40	47
(QH) Quill Input Hollow Output Shaft	6 oz.	7 oz.	11 oz.	14 oz.	21 oz.	28 oz.	44 oz.	60 oz.		
(QS) Quill Input Solid Output Shaft	6 oz.	7 oz.	12 oz.	15 oz.	23 oz.	32 oz.	48 oz.	66 oz.	97 oz.	176 oz.
Separate or 3-Phase Coupled Input (AH & SH) Hollow Output Shaft	9 oz.	10 oz.	15 oz.	21 oz.	28 oz.	38 oz.	59 oz.	82 oz.		
Separate or 3-Phase Coupled Input (AS & SS) Solid Output Shaft	9 oz.	11 oz.	18 oz.	23 oz.	32 oz.	44 oz.	70 oz.	94 oz.	144 oz.	266 oz.

## Harsh Duty EZ Kleen & Ultra Kleen Seal & O-Ring Kits

Seal kit consists of input & output seals, o-rings and motor gasket.

Input/Output Style		QS	QH (1)	AS	AH (1)
Size	Motor Frame	Seal Kit Part No.	Seal Kit Part No.	Seal Kit Part No.	Seal Kit Part No.
13/15	ALL	EZ335350	EZ335362	EZ335374	EZ335392
17/176	ALL	EZ335351	EZ335363	EZ335375	EZ335393
20/202	ALL	EZ335352	EZ335364	EZ335376	EZ335394
23	56-140-180	EZ335353	EZ335365	EZ335377	EZ335395
26	56-140-180	EZ236293	EZ335366	EZ236295	335396
30	56-140-180	EZ335355	EZ335367	EZ335379	335397
35	56-140	EZ335356	EZ236294	EZ335380	EZ236296
	180-210	EZ335357	EZ335369		
40	140TC	EZ335358	EZ335370	EZ335381	EZ335399
	180-210-250TC	EZ335359	EZ335371		
47	140TC	EZ335360	EZ335372	EZ335382	EZ335400
	180-210-250TC	EZ335361	EZ335373		

(1) Hollow output kit includes two harsh duty output seals

## Input Bore Adapter – Dodge Part Number 641169151A

Bore adapter allows a standard Nema 56C motor to be mounted on a Tigear reducer that has a 140TC quill input. Bore adapter reduces input quill diameter from 7/8" (140TC) to 5/8" (56C).

Not recommended for shock load or reversing applications.

## Shaft Reversal Kit

Output shaft may be field converted to opposite side of reducer. A shaft reversal kit from the table below will provide the parts and instructions to make the change. Kit includes shaft seal, bore plug and instructions.

Size	Kit Part No	Size	Kit Part No
13	13SHAFTREV	26	26SHAFTREV
15	15SHAFTREV	30	30SHAFTREV
17	17SHAFTREV	35	35SHAFTREV
20	20SHAFTREV	40	40SHAFTREV
23	23SHAFTREV	47	47SHAFTREV



HARSH DUTY SEAL & O-RING KIT



INPUT BORE ADAPTER



SHAFT REVERSAL KIT

## Paint – Aerosol Touch-up

Touch-up paint may be ordered as Dodge part number 810001 for original Reliance Blue-Green factory color. Also available in epoxy white and stainless steel.

Part Number	Volume	Description/Color
810001	12 oz	Reliance Blue-Green Enamel
810002	12 oz	Epoxy White
810003	13 oz	Stainless Steel



TOUCH-UP PAINT

## TIGEAR-2 MAXSERVICE Kits – Standard Duty

### Quill Solid Output (QS)

Reducer Size Input/Output	MAXSERVICE Kit Part Number	MAXSERVICE Kit consists of all components listed:					
		Bearing Kit	Seal & O-ring Kit	Shim Kit	Lube	Bore Plug Input	Output
13-QS	13QSSERVICEKIT	13QSBRGKIT	335350	641164246E	334863	335603	335605
15-QS	15QSSERVICEKIT	15QSBRGKIT	335350	641164246E	334863	335603	335605
17/176-QS	17QSSERVICEKIT	17QSBRGKIT	335351	41162333A	334863	335600	335606
20/202-QS	20QSSERVICEKIT	20QSBRGKIT	335352	641162333B	334863	335600	335608
23-QS	23QSSERVICEKIT	23QSBRGKIT	335353	641162333B	334863	335601	335608
26-QS	26QSSERVICEKIT	26QSBRGKIT	236293	641162333B	334863	335609	335608
30-QS	30QSSERVICEKIT	30QSBRGKIT	335355	335330	334862	335602	335607
35-QS	35QSSERVICEKIT	35QSBRGKIT	236194	641162333C	334862	335604	335614
40-QS	40QSSERVICEKIT	40QSBRGKIT	236195	335331	334862	335610	335611
47-QS	47QSSERVICEKIT	47QSBRGKIT	236196	335336	334862 (1)	335613	335612



MAXSERVICE Kit

### Quill Hollow Output (QH)

Reducer Size Input/Output	MAXSERVICE Kit Part Number	MAXSERVICE Kit consists of all components listed:					
		Bearing Kit	Seal & O-ring Kit	Shim Kit	Lube	Bore Plug Input	Output
13-QH	13QHSERVICEKIT	13QHBRGKIT	335362	641162333B	334863	335603	–
15-QH	15QHSERVICEKIT	15QHBRGKIT	335362	641162333B	334863	335603	–
17/176-QH	17QHSERVICEKIT	17QHBRGKIT	335363	335330	334863	335600	–
20/202-QH	20QHSERVICEKIT	20QHBRGKIT	335364	641162333C	334863	335600	–
23-QH	23QHSERVICEKIT	23QHBRGKIT	335365	335331	334863	335601	–
26-QH	26QHSERVICEKIT	26QHBRGKIT	335366	335332	334863	335609	–
30-QH	30QHSERVICEKIT	30QHBRGKIT	335367	335333	334862	335602	–
35-QH	35QHSERVICEKIT	35QHBRGKIT	236187	335333	334862	335604	–
40-QH	40QHSERVICEKIT	40QHBRGKIT	236188	335334	334862	335610	–
47-QH	47QHSERVICEKIT	47QHBRGKIT	236189	335335	334862 (1)	335613	–

(1) Requires two gallons of synthetic gear lube. Included in Premium Service Kit.

(2) Requires three gallons of synthetic gear lube. Included in Premium Service Kit.

**TIGEAR-2 MAXSERVICE Kits - Standard Duty**  
**Adaptable Solid (AS) & Separate Solid (SS) Output**

Reducer Size Input/Output	MAXSERVICE Kit Part Number	MAXSERVICE Kit consists of all components listed:					
		Bearing Kit	Seal & O-ring Kit	Shim Kit	Lube	Bore Plug Input	Output
13-AS/SS	13ASSERVICEKIT	13ASBRGKIT	335374	641164246E	334863	335603	335605
15-AS/SS	15ASSERVICEKIT	15ASBRGKIT	335374	641164246E	335374	335603	335605
17/176-AS/SS	17ASSERVICEKIT	17ASBRGKIT	335375	41162333A	334863	335600	335606
20/202-AS/SS	20ASSERVICEKIT	20ASBRGKIT	335376	641162333B	334863	335600	335608
23-AS/SS	23ASSERVICEKIT	23ASBRGKIT	335377	641162333B	334863	335601	335608
26-AS/33	26ASSERVICEKIT	26ASBRGKIT	335377	641162333B	334862	335609	335608
30-AS/SS	30ASSERVICEKIT	30ASBRGKIT	335379	335330	334862	335602	335607
35-AS/SS	35ASSERVICEKIT	35ASBRGKIT	335380	641162333C	334862	335604	335614
40-AS/SS	40ASSERVICEKIT	40ASBRGKIT	335381	335331	334862 (1)	335610	335611
47-AS/SS	47ASSERVICEKIT	47ASBRGKIT	335382	335336	334862 (2)	335613	335612

**TIGEAR-2 MAXSERVICE Kits - Standard Duty**  
**Adaptable Hollow (AH) & Separate Hollow (SH) Output**

Reducer Size Input/Output	MAXSERVICE Kit Part Number	MAXSERVICE Kit consists of all components listed:					
		Bearing Kit	Seal & O-ring Kit	Shim Kit	Lube	Bore Plug Input	Output
13-AH/SH	13AHSERVICEKIT	13AHBRGKIT	335392	641162333B	334863	335603	----
15-AH/SH	15AHSERVICEKIT	15AHBRGKIT	335392	641162333B	334863	335603	----
17/176-AH/SH	17AHSERVICEKIT	17AHBRGKIT	335393	335330	334863	335600	----
20/202-AH/SH	20AHSERVICEKIT	20AHBRGKIT	335394	641162333C	334863	335600	----
23-AH/SH	23AHSERVICEKIT	23AHBRGKIT	335395	335331	334863	335601	----
26-AH/SH	26AHSERVICEKIT	26AHBRGKIT	335396	335332	334862	335609	----
30-AH/SH	30AHSERVICEKIT	30AHBRGKIT	335397	335333	334862	335602	----
35-AH/SH	35AHSERVICEKIT	35AHBRGKIT	335397	335333	334862	335604	----
40-AH/SH	40AHSERVICEKIT	40AHBRGKIT	335399	335334	334862 (1)	335610	----
47-AH/SH	47AHSERVICEKIT	47AHBRGKIT	335400	335335	334862 (2)	335613	----

(1) Requires two gallons of synthetic gear lube. Included in Premium Service Kit.

(2) Requires three gallons of synthetic gear lube. Included in Premium Service Kit.



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