

AIR GAP INFORMATION

It is critical that proper gap space is maintained between the clutch pulley face & the hub armature. Incorrect air gap can cause clutch burning, slippage, and poor compressor operation.

COMPRESSOR / CLUTCH HUB TO PULLEY AIR GAP
COMPRESSOR MODEL **GAP MEASUREMENT**

T/CCI (York Style) Tecumseh 2 Cyl.....	No Adjustment
Chrysler C171/A590/6C17, 10PA17020" - .035" *
Frigidaire A-6022" - .057"
Frigidaire DA6, HR6, HR6HE, V5015" - .025"
Frigidaire R4020" - .040"
FS-6, 6P148022" - .037" *
FX15/FS10018" - .033" *
Sanden SD508, SD510, SD709, SD5H14, SD7H15016" - .031" *
Sanden TR105.....	.013" - .025" *
Seltec/Valeo (TM13-21).....	.010" - .020" *
Seltec/Valeo (TM31).....	.012" - .024"

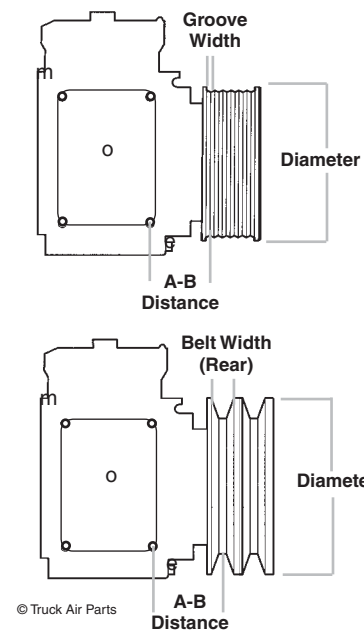
*Shim Adjustable

BELT TENSION SPECIFICATIONS – SANDEN / SELTEC
(recommended for maximum clutch bearing life)

Grooves	Belt Wdth	Tension (lbs.)	Grooves	Grv Wdth	Tension(lbs.)
1 or 2	1/2"	121 ± 5	6 Multi	1/8"	180 ± 5
1 variable	1/2" / 9/16"	132 ± 5	7 Multi	1/8"	210 ± 5
1	5/8"	132 ± 5	8 Multi	1/8"	240 ± 5
			10 Multi	1/8"	300 ± 5

(Tolerance ± 4.95 lb; Multi Grooves based on 30 lb per groove)

HOW TO MEASURE CLUTCHES



T/CCI (YORK STYLE)

- HOW TO MEASURE:
 IF PART NUMBER ON CLUTCH BEING REPLACED CANNOT BE READ, USE THE FOLLOWING PROCEDURE TO DETERMINE REQUIRED CLUTCH PART NUMBER.
1. DETERMINE IF 12 OR 24 VOLT (Black Wire = 12V, Green Wire = 24V).
 2. DETERMINE IF CLUTCH IS SINGLE, DOUBLE OR SERPENTINE.
 3. MEASURE OUTSIDE DIAMETER OF PULLEY.
 4. MEASURE WIDTH OF PULLEY GROOVE:
 - a. Single and Double Groove = measure the width of pulley groove.
 - b. Poly Groove = count the number of grooves.
 5. MEASURE ACCURATELY THE A-B DISTANCE:
 - a. Single and Double Groove = measure the distance from the compressor mounting hole on the side of the compressor to the middle of the rear belt groove on the pulley. (the rear belt groove is closest to the compressor)
 - b. Poly Groove = measure the distance from the compressor mounting hole on the side of the compressor to the middle of the first groove on the pulley.
 6. DETERMINE THE NUMBER OF WIRES.

T/CCI (YORK STYLE) 12 Volt unless noted

Clutches are listed in ascending order by grooves, by diameter (O.D), by part number.

No. of Grv's	CLUTCH O.D.	PART NO.	BELT GROOVE WIDTH		MOUNTING DISTANCE		NOTE
			1st grv.	2nd grv.	FIRST	SECOND	
1	6"	02-3023	1/2"	—	2-5/8"	—	
1	6"	02-3426	1/2"	—	2-3/4"	—	w/O.E. style diode & weatherpak conn.
1	6"	02-3427	1/2"	—	2-3/4"	—	2 wire coil
1	6"	02-0802	1/2"	—	2-3/4"	—	
1	6-5/16"	02-0806	5/8"	—	2 3/4"	—	
1	6-5/16"	02-0401	1/2"	—	2-15/16"	—	
1	6-3/4"	02-3004	1/2"	—	3-3/16"	—	
1	6-3/4"	02-3005	1/2"	—	2-3/4"	—	
1	6-3/4"	02-3006	3/4"	—	2-7/8"	—	
1	6-3/4"	02-3007	5/8"	—	1-13/16"	—	
1	6-3/4"	02-3008	5/8"	—	1-15/16"	—	
1	6-3/4"	02-3014	5/8"	—	2-3/4"	—	
1	7-5/16"	02-3015	3/4"	—	2"	—	
2	6"	02-3024	1/2"	1/2"	2-1/8"	2-3/4"	
2	6"	02-3052	1/2"	1/2"	1-11/16"	2-5/16"	24 Volt
2	6"	02-3402	1/2"	1/2"	1-11/16"	2-5/16"	w/O.E. style diode & weatherpak conn.
2	6"	02-3412	1/2"	1/2"	1-11/16"	2-5/16"	2 wire plug, Metripak w/diode
2	6"	02-3428	1/2"	1/2"	1-11/16"	2-5/16"	2 wire Ford connector
2	6"	02-3001	1/2"	1/2"	1-11/16"	2-5/16"	Std duty w/single row bearing.
2	7"	02-3003	1/2"	1/2"	1-11/16"	2-5/16"	Heavy duty bearing.
2	7"	02-3050	1/2"	1/2"	1-11/16"	2-5/16"	24 Volt
2	7"	02-3000	1/2"	1/2"	1-11/16"	2-5/16"	Std duty w/single row bearing.
6	5.8"	02-0804	6 Grooves	—	2-1/8" Center Point	—	1 wire
6	6"	02-3416	6 Grooves	—	2-1/8" Center Point	—	2 wire plug Metripak
6	6" FF Style	02-3419	6 Grooves	—	2-3/8" Center Point	—	1 wire, Front Forward - see illustration
6	6" FF Style	02-3420	6 Grooves	—	2-3/8" Center Point	—	2 wire w/diode, Front Forward
8	5.3"	02-0805	8 Grooves	—	—	—	1 wire
8	6-5/16"	02-3418	8 Grooves	—	—	—	2 wire plug Metripak w/diode

NOTE: All clutches for T/CCI/York Style compressors are supplied with coil. Pitts and Ogura (silver colored) and Warner (black) clutches are all interchangeable when supplied with coil. T/CCI, Tecumseh style clutches are H.D. construction with double row bearings (unless noted). Clutches are supplied in several manufacturing designs. Although some feature up to 20% weight reduction over others, all perform equally well, all meet or exceed O.E. standards and offer reduced vibration and longer belt life.



T/CCI - 2 WIRE METRIPAK CONNECTORS w/DIODE
 Green wire = positive White wire = ground
DO NOT REVERSE

T/CCI, YORK STYLE - SERVICING CLUTCH
 Clutch mounting bolts (4): use torque wrench 13-19 ft. lbs.
 Center bolt: use torque wrench 20-25 ft. lbs.