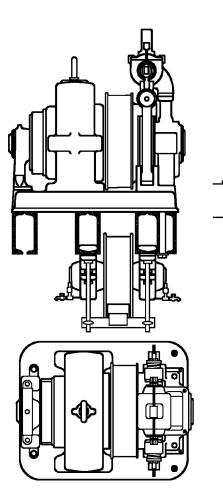
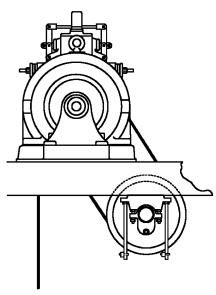
#77A Machine Double-Wrap Traction

Spare Parts Leaflet 06-6289E

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77 Double-Wrap Traction

Type A178-TM (1920-1927)

77A

Type A178-TM (1920-1927) Type 6289A (1935-1948) Type A6289A (1948-1954) Type 6289E (1954-end of production)



SERVICE ENGINEERING
Otis Elevator Company
Bloomfield, Connecticut USA

Unpublished Work—© Otis Elevator Co.; 2014

History

Leaflet Description

The #77 & #77A are DC gearless machines. A standard #77 or #77A is arranged for double-wrap traction (DWT). This leaflet covers the service parts for the NSAA manufactured #77 & 77A machines. The vintages of this type of machines are covered with contract 20/20 forms.

Leaflet Revisions

Date Revised	Subject Matter Expert	Reason for Revision	
July 1, 2003	Nicholas Grant	New SPL	
August 30, 2005	Jesse Richter	Add p. 11, 77 gearless machine brush rigging parts	
August 27, 2009	Val Sheynkman	Updated parts and illustrations throughout	
October 12, 2011	Val Sheynkman	Updated desc. Of 128AG56 on p. 10 & added GS2-128AG1 on p. 11	
January 23, 2013	Val Sheynkman	Added new page 14	
February 19, 2014	Val Sheynkman	Corrected ref. 1 and illustration on p. 8	
March 12, 2014	Val Sheynkman	Corrected date information	

Related Drawings

Drawing No.	Title	Drawing No.	Title
A-178-TM	#77 & 77A General Arrangement	6289A	#77A Assembly Drawing
A6289A	#77A Assembly Drawing	6289E	#77A Assembly Drawing
6289F	#77A Brake	B-15-SH	Drive Sheave
232-MO	Brush Yoke, Brush Stem, Brush Stem Bold, Washer	B-436-ED	Brush Stem Insulators and Washers

Related Documents

Document ID	Title	
TIP 6.0-1	Replacement of Brake Linings	
TIP 6.1.0-5	Gearless Machines with Hollow Armature Shaft	
Service Engineering Letter 9A	Application of Brakes for Service Work	

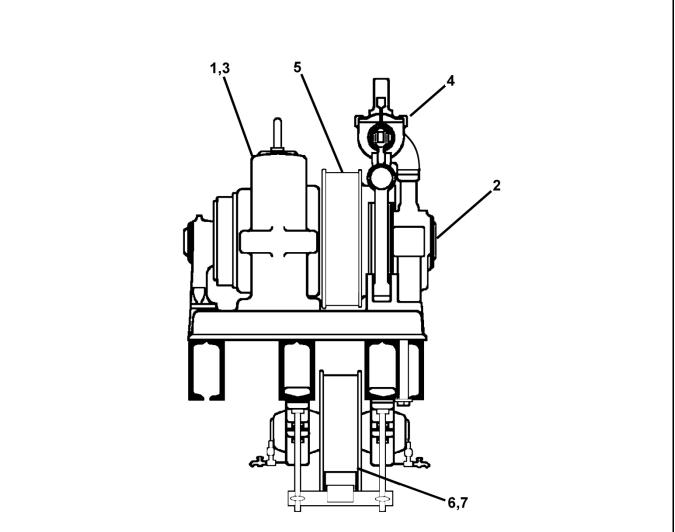
Subject Matter Expert

Name	Department	
Val Sheynkman	OSC Service Engineering	

About Spare Parts Leaflets...

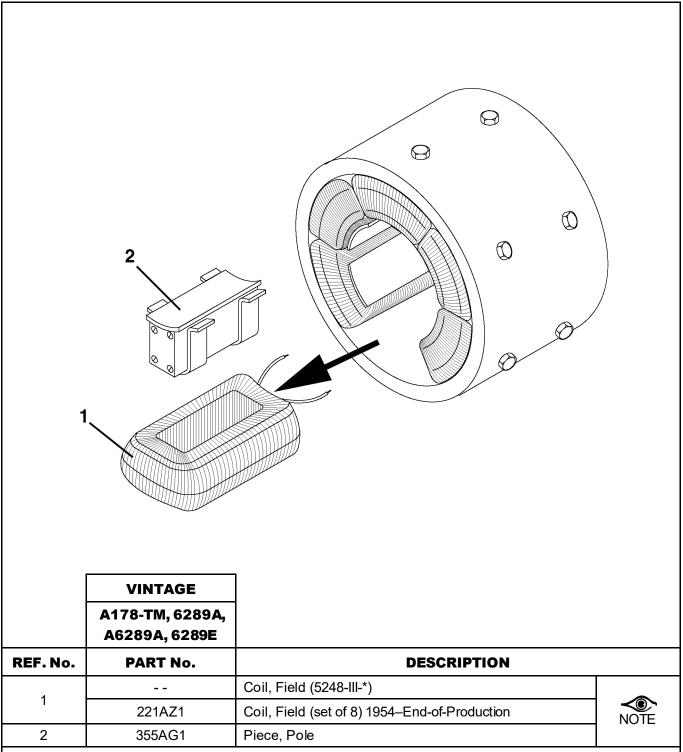
This document lists the lowest replaceable units (LRUs) for the standard version of the product. The LRUs are chosen by a team of Otis associates representing engineering and manufacturing. While goal of this document is to make parts identification as easy as possible, the document cannot be all-inclusive. Elevator and escalator contracts classified as "special" or "custom" are not addressed here. For such contracts, please refer to specified information, the contract folder, TIPs, Field Education Articles, Construction Letters, etc. for further information.

If you have any suggestions about this document, please contact the subject matter expert listed on this page.

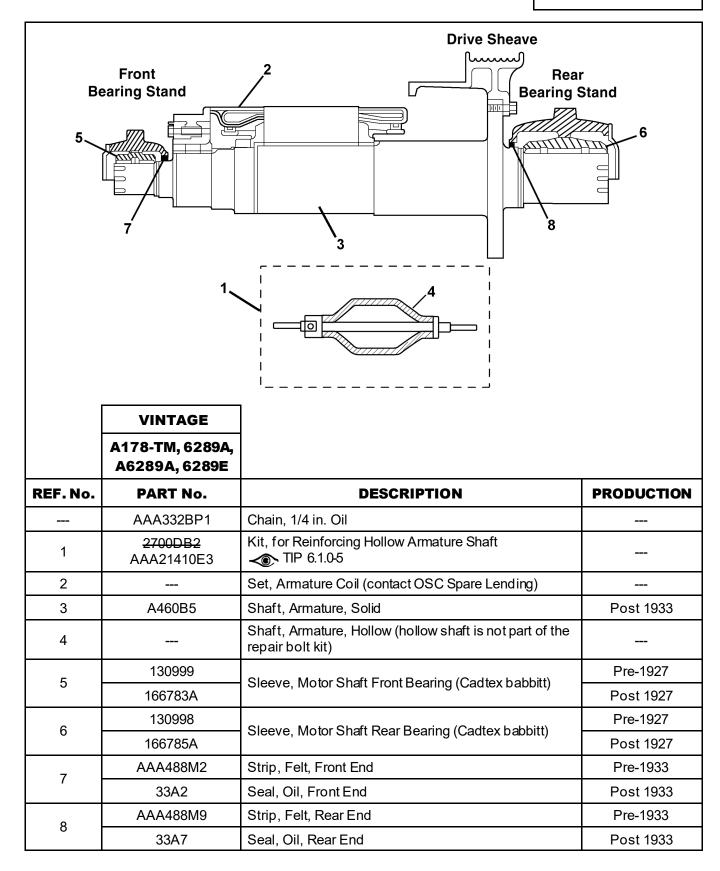


REF. No.	PAGE No.	DESCRIPTION
1	4	Coils, Motor Field
2	5	Shaft, Armature
	6	Brush Holder Parts
3	7	Brush Rigging Parts
4	8–11	Brake Parts
	14	Sheave, Guard for Machine
5	12	Sheave, Drive
6		Sheave, Type 6751B Secondary, & Shaft w/Babbitted Bearings, SPL 06-6913F
O		Sheave, Type A6751B Secondary, & Shaft w/Babbitted Bearings, SPL 06-6913F
7	13	Sheave, Type 6939B Secondary, & Shaft w/Roller Bearings

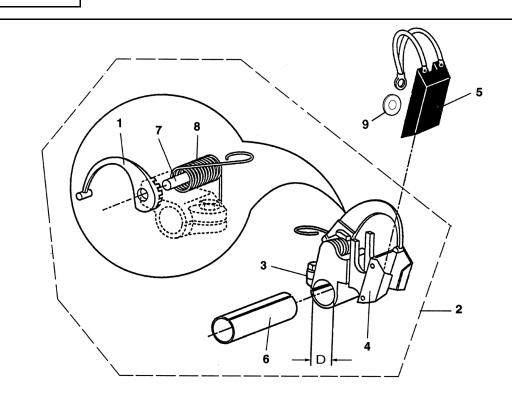
Motor Field Coils



NOTE: The listing of field coils and pole pieces is not complete. Many of these machines were contract specific designs for specific designs, for specific control systems, and for specific building DC power supplies. When ordering, provide the material list (M.L.) number.



Brush Holder Parts



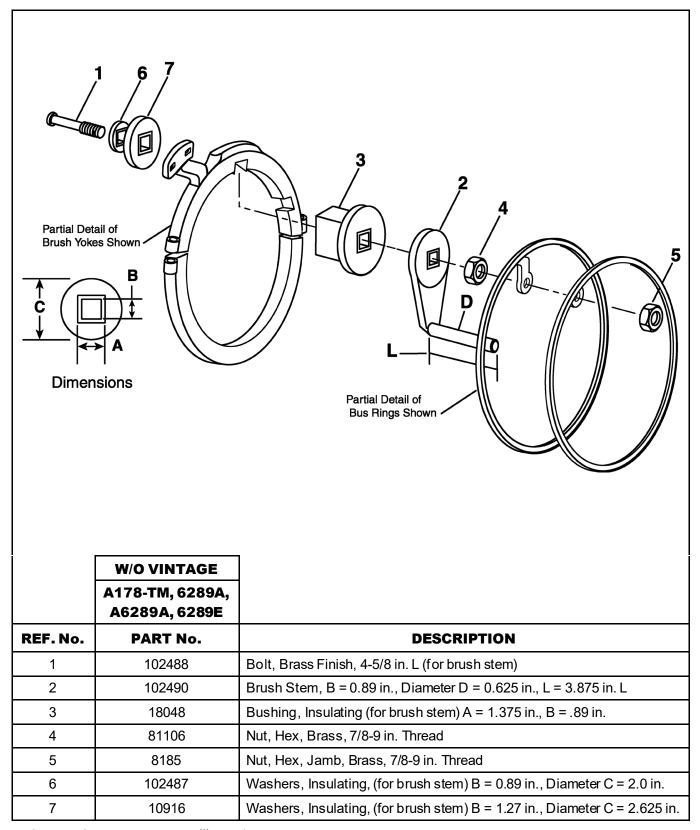
	VINTAGE
	A178-TM, 6289A, A6289A, 6289E
REF. No.	PART No.
1	288CD1

A0100A, 01001			
REF. No.	PART No.	DESCRIPTION	
1	288CD1	Arm, Brush Holder	
	6134G1	Assembly, Brush Holder for $5/8$ in. x 1-1/2 in. Brush, Diameter D = 0.625 in.	
2	6134G4	Assembly, Brush Holder for 3/8 in. x 1 in. Brush, Diameter D = 0.625 in.	
	6134G5	Assembly, Brush Holder for Voltage Feedback 3/8 in. x 1 in. Brushes, Diameter D = 0.650 in.	
130622 3 306GM1 Base, Brush Holder for p/n 6134G1 & 4		Base, Brush Holder for p/n 6134G1 & 4	
	306GM2	Base, Brush Holder for p/n 6134G5	
4 130620 4 178T2 Box		Box, Brush Holder for p/n 6134G1	
	178H2	Box, Brush Holder for p/n 6134G4 & 5	
240F25 Brush, Carbon 5/8 in. x 1-1/2 in.		Brush, Carbon 5/8 in. x 1-1/2 in.	
5 240F26 Brush, Carbon 3/8 in. x 1 in.		Brush, Carbon 3/8 in. x 1 in.	
6	298DF128	Insulating Strip, Mylar for p/n 6134G5 Brush Holder	
7	808040	Pin	
8	92A4	Spring	
9	810371 128A8	Washer, Brass	

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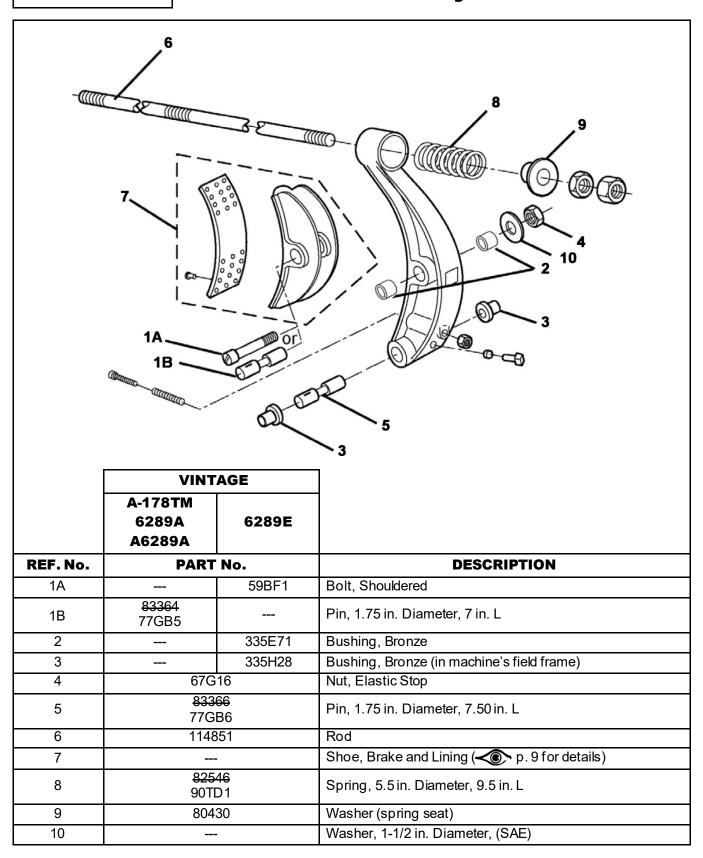
Brush Rigging Parts

06-6289E

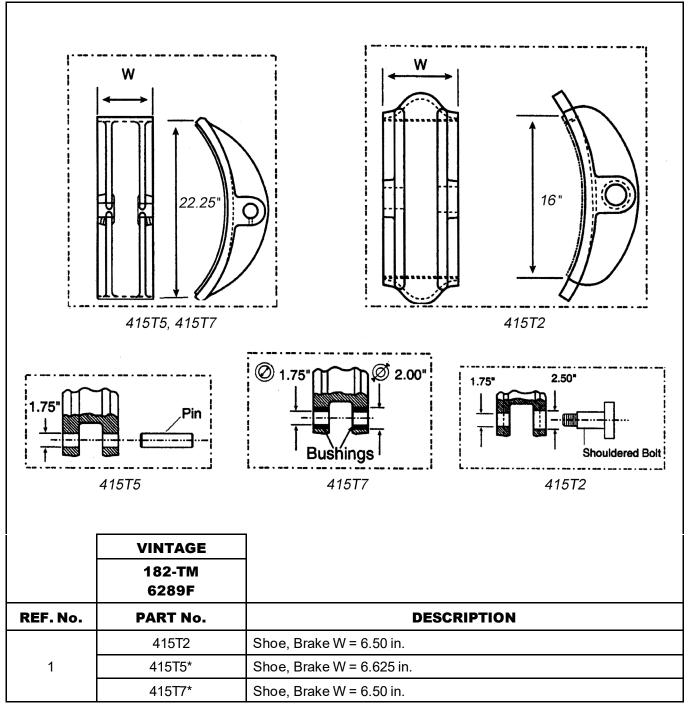


NOTE: Reference: M.L. 5250-III -1, -2)

Brake Assembly Arm Parts



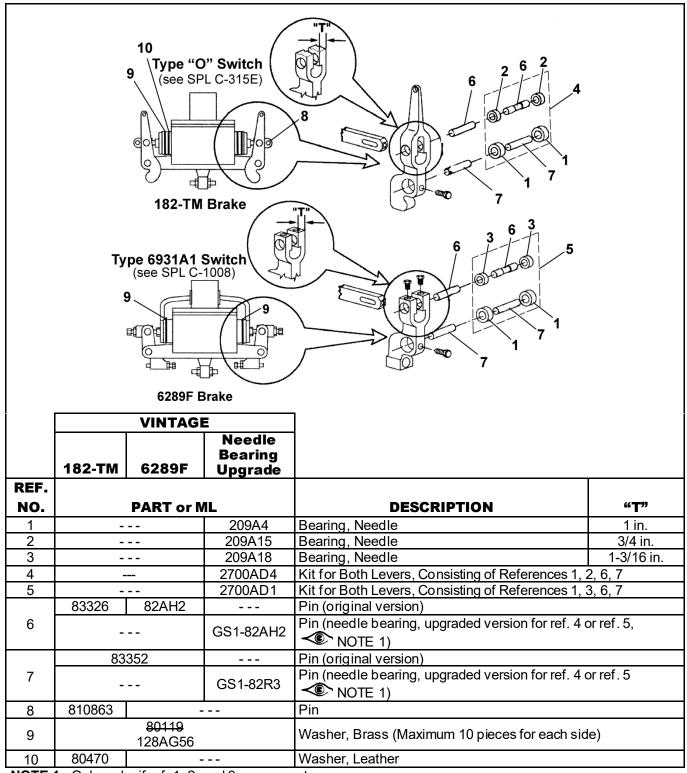
77 Machine Brake Shoe and Lining Assembly



NOTE: All gearless machines must use brake arms that are lined with Green Gripper® lining supplied factory-bonded by OSC for US offices.

* Returned and re-worked upon receipt by OSC per individual machine number. Customers get the same arms in return.

77, 77A Machine Brake Assembly— Upper Lever

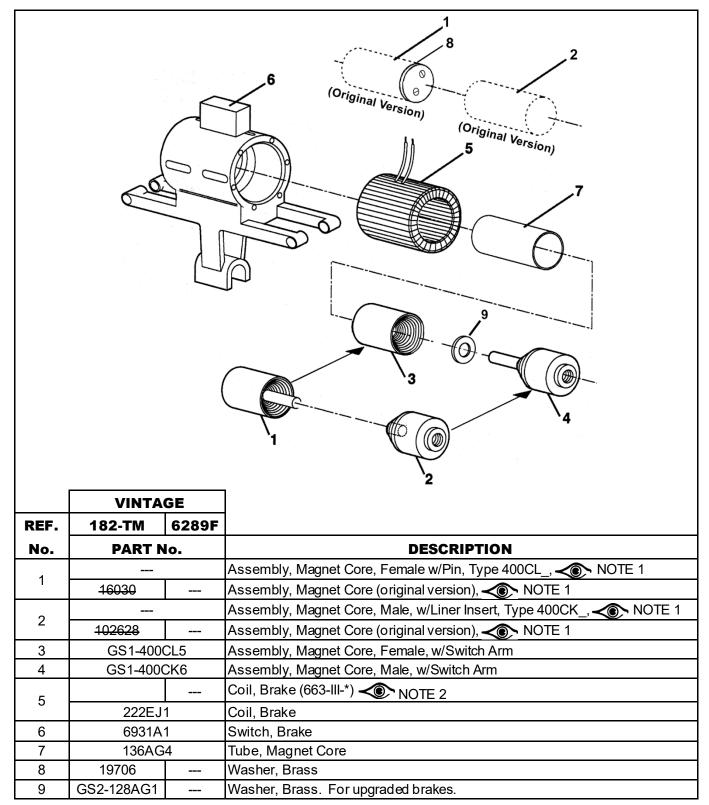


NOTE 1: Only order if ref. 1, 2, and 3 are present.

NOTE 2: Contact OSC for brake upgrade. Refer to service engineering letter #9A, dated 01/15/1965.

Brake Assembly Magnets & Coil

06-6289E

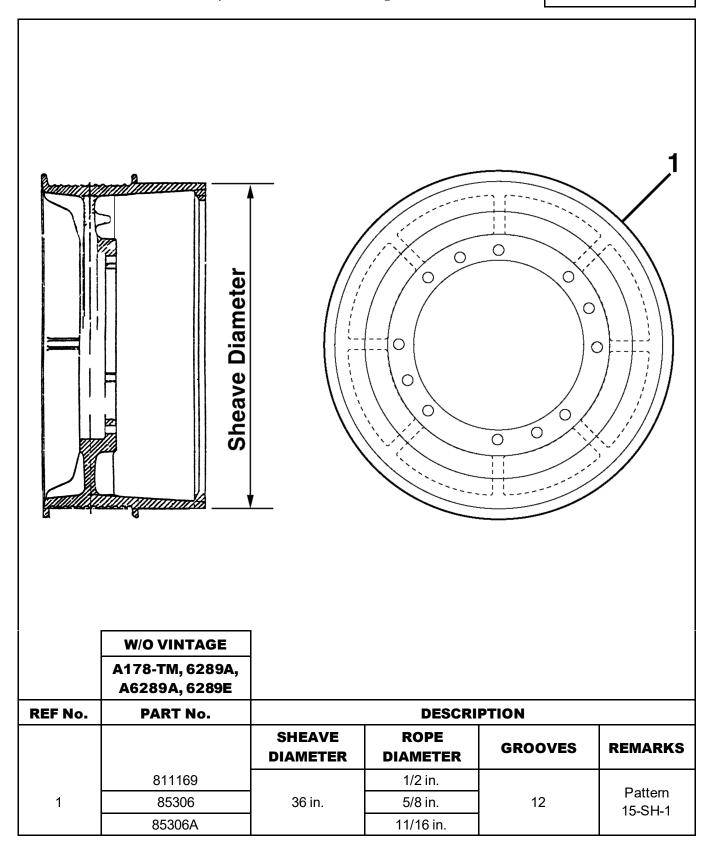


NOTE 1: Contact OSC for brake upgrade. Refer to service engineering letter #9A, dated 1/15/1965.

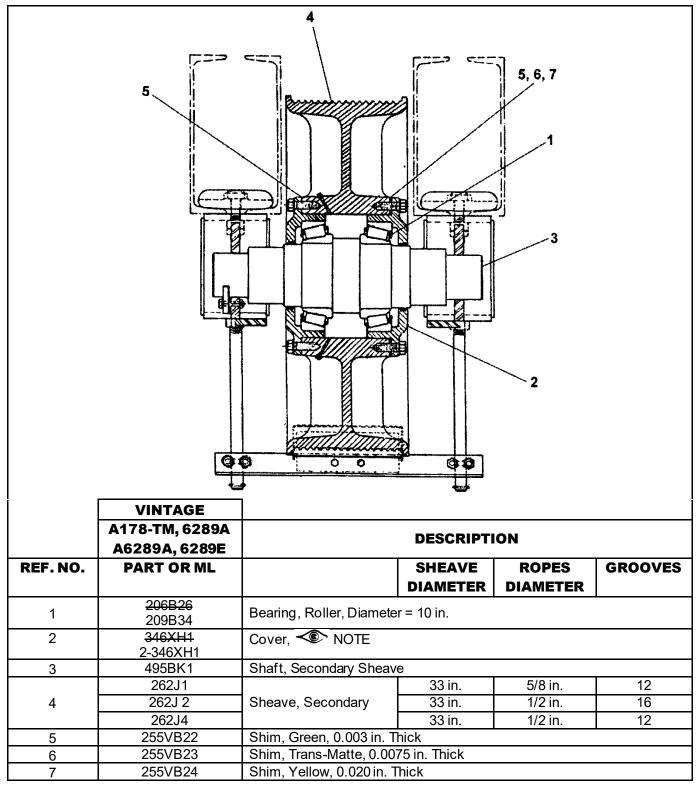
NOTE 2: There are multiple coil possibilities. To order proper coil, provide data plate information, or coil resistance, or send coil to OSC for evaluation.

Drive Sheave, Double-Wrap Traction

06-6289E



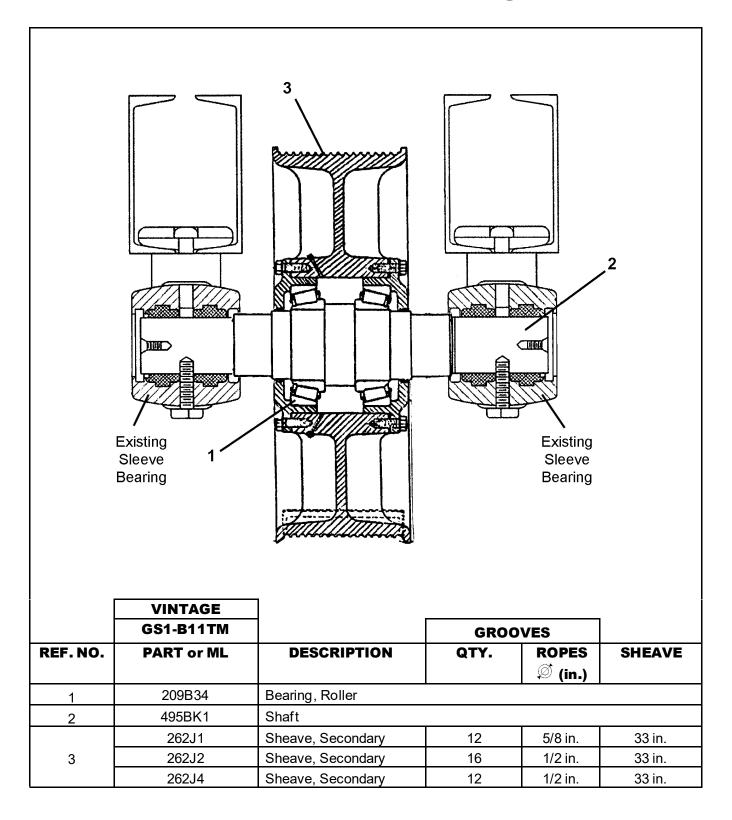
Type 6939B Secondary Sheave Assembly with Roller Bearings



NOTE: For replacement instructions, TA-III-7-1.

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Secondary Sheave Babbitted To Roller Bearings Conversion



Sheave Guard for Machine

