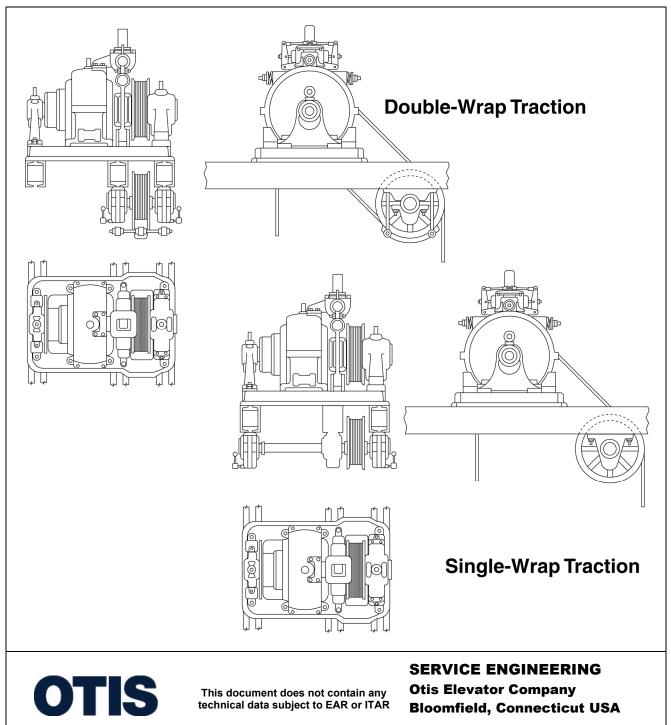
# #70 Machine Single- & Double-Wrap Traction

**Spare Parts Leaflet** 

## 06-6911E

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# **History**

#### **Leaflet Description**

This leaflet details the spare parts for both #70 single- and double-wrap traction machines. The cross-reference vintage table below lists the years a particular vintage machine was manufactured.

Type	Years
Double-Wrap Traction (DWT)	
Туре 466-ТМ	1927–1940
Туре А466-ТМ	1940–1954
Туре В466-ТМ	1954–1956
6911E w/6911D Brake	1956–
Single-Wrap Traction (SWT)	
Туре 465-ТМ	1926–1952
Туре 6911А	1952–

Date Revised	Subject Matter Expert	Reason for Revision
June 1998	Val Sheynkman	New leaflet
May 8, 2009	Val Sheynkman	Extensive revision and update of all parts information.
January 27, 2010	Val Sheynkman	Corrected ref. 8 and illustration on p. 8
May 18, 2011	Val Sheynkman	Corrected references 3, 4, and 7 on p. 11
March 14, 2012	Val Sheynkman	Updated parts list on p. 13
January 16, 2013	Val Sheynkman	Updated ref. 1 on p. 13

#### **Related Drawings**

Drawing No.	Drawing No.	Drawing No.	Drawing No.
105-SH	210-SH	521-TM	631-SH
133-TM	463-TM	568-SH	5190B-EC
134-TM	464-TM	579-SH	
135-TM	488-TM	580-SH	

#### **Related Documents**

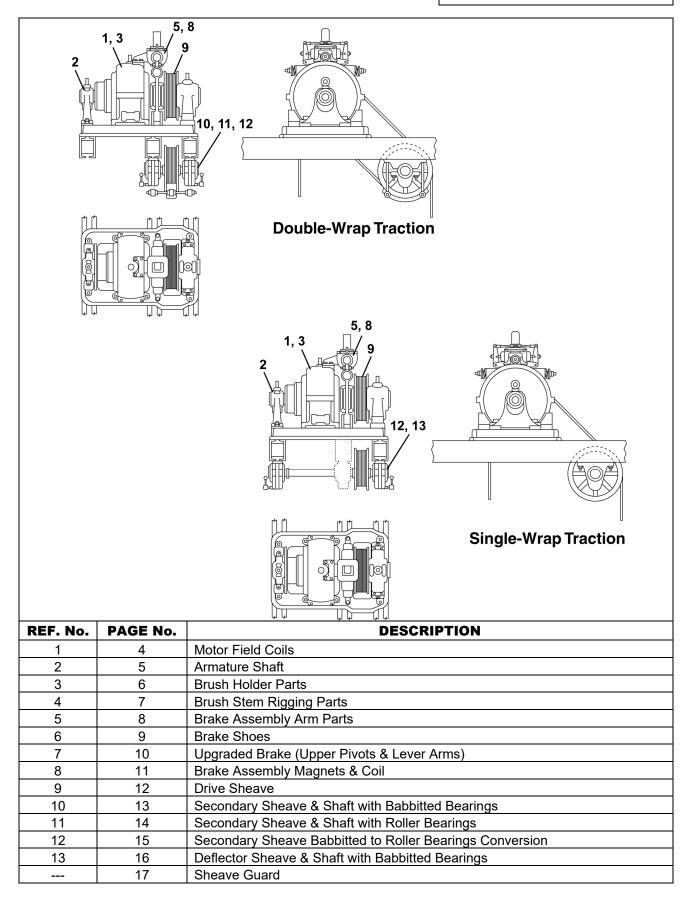
Doc. No.	Title
SPL C-195C	Switch, Brake, Breaking & Making H
SPL C-315E	Switch, Brake, Breaking & Making O
TIP 6.1.1-15	Installation Procedure for Sheave Full Cover Guard (w/Carpet Wiper) for 70 & 72 Machines

#### **Subject Matter Expert**

Name	Department
Val Sheynkman	OSC Service Engineering

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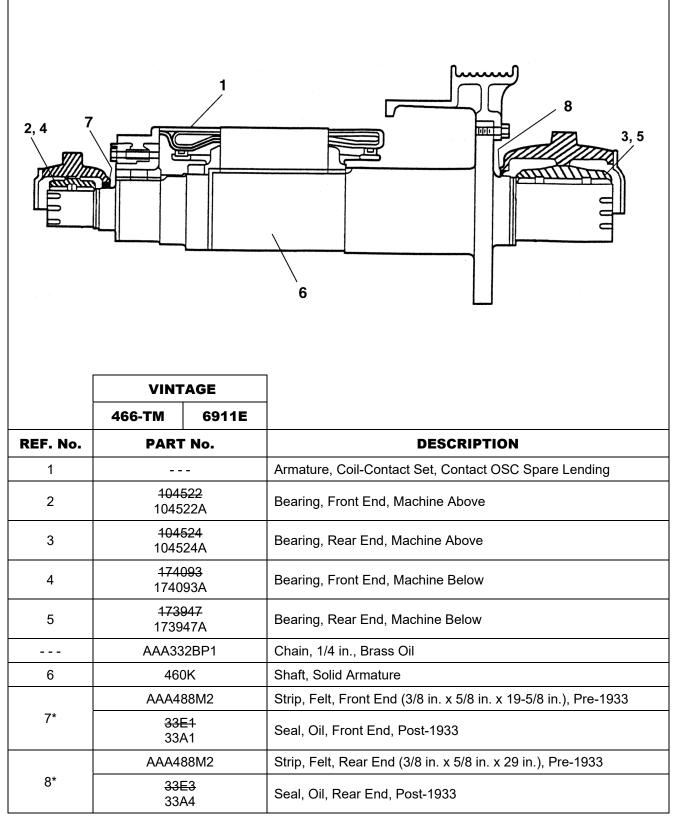




	VINTA	GE	
	466-TM, 6911A	6911E	
REF. No.	PART I	No.	DESCRIPTION
	<del>5402-II</del> 14871	<del>l-2</del> 4	
	<del>178745</del> 5402-III-5		
5402-III-3 1 157300		L3	
·			Coil Field Set of 4 See Note
	5402-II 15730 5402-II 14261	0  -1	Coil, Field, Set of 4. See <b>Note</b> .
	15730 <del>5402-II</del>	0 I-1 4 I-6 6	Coil, Field, Set of 4. See <b>Note</b> .

**NOTE:** If field dataplate does not show the field coil identity, consult original Otis machine records for the correct coil part number.

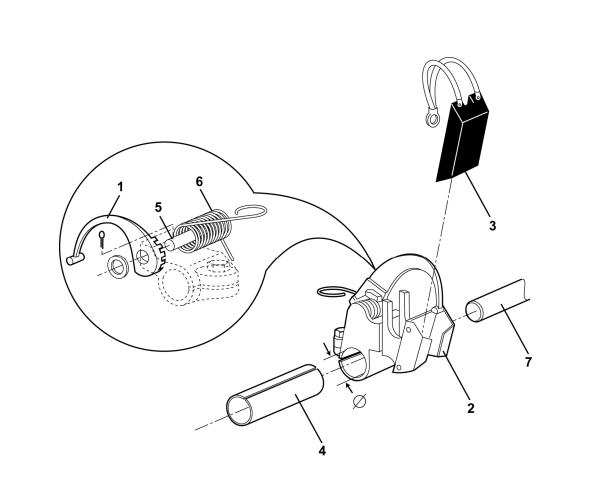
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**\*NOTE:** Pre-1933 machines had hollow shafts and had no oil seals. Local alteration may have taken place on pre-1933 units, but specify seals then based on size only.

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## **Brush Holder Parts**



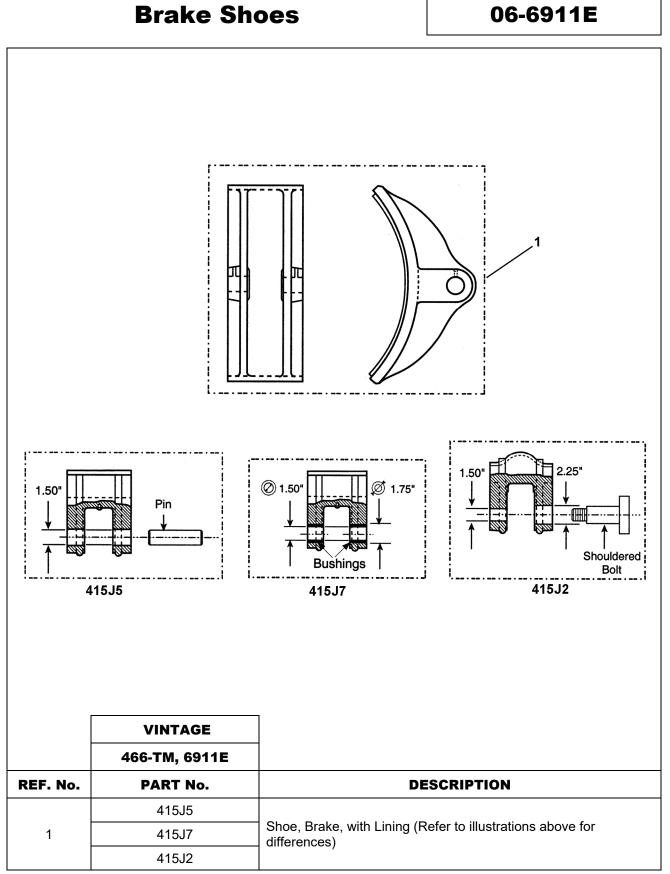
	VINTAGE		
	466-TM	6911E	
REF. No.	PART No.		DESCRIPTION
1	2880	CD1	Arm, Brush Holder
	<del>5278-III-7</del> 6134G1		Assembly, Brush Holder, 0.625 in. $ extsf{in}$ . Use with 240F25 Brush.
2	140596 6134G6 6134G7		Assembly, Brush Holder, 0.625 in. $\emptyset$ . Use with 240F26 Brush.
			Assembly, Brush Holder, 0.650 in. $\varnothing$ . Use with 240F26 Brush.
3	240F26		Brush, Carbon, 3/8 in. x 1 in. Use with 6134G6 & 6134G7.
3	240F25		Brush, Carbon, 5/8 in. x 1-1/2 in. Use with 6134G1.
4	298DF128		Insulator (for 6134G7 Brush Holder)
5	808040		Pin
6	92A2		Spring
7	131	145	Stem, Brush

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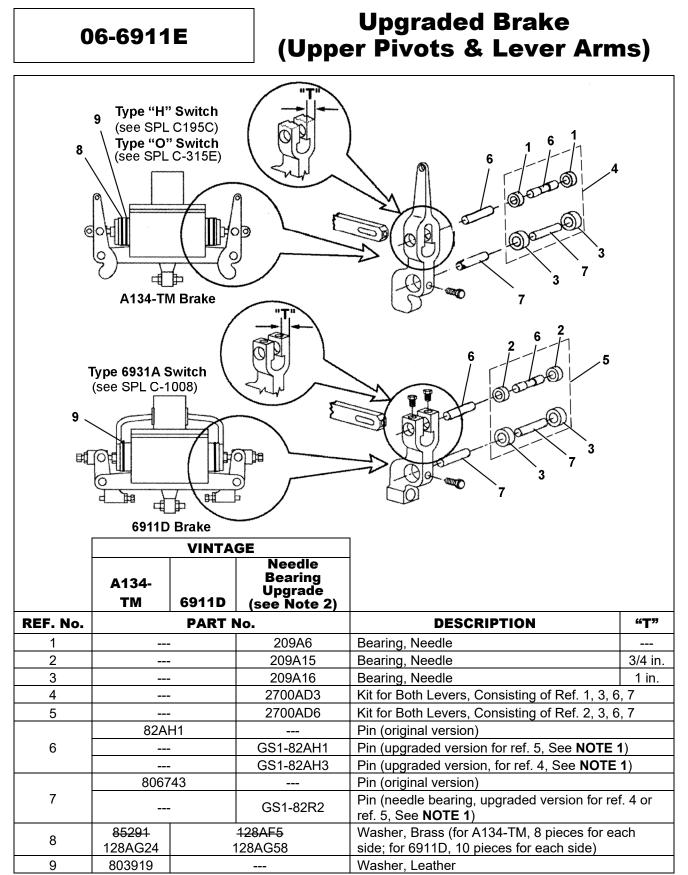
Bru	sh Stem Ri	06-6911E	
	S	4 2 	
REF. No.	PART No.	DES	CRIPTION
1	806655	Bushing, Insulating (for brush s	tem)
2	126085	Plate, Insulating	
3	131145	Stem, Brush	
4	10838 Washer, Insulating		
5	<del>85490</del> 127AE8	Washer, Standard, 1/2 in.	

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6			$\left  \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
		AGE	
	466-TM	6911E	
REF. No.		<b>T No.</b>	DESCRIPTION
1 2		<u>3H1</u> H24	Bolt, Shouldered Bushing, Bronze (in machine's field frame)
3	335	335E73	Bushing
4			Nut, Elastic Stop
5	67G15 77GB2		Pin
6		368	Rod
7		198	Seat, Spring
8	90HD4	90LD6	Spring
9		C12	Spring
10			Washer, 1/4 S.A.E.
10			



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



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

NOTE 2: Contact OSC for brake upgrade. Refer to service eng. letter #9A, dated 1/15/1965.

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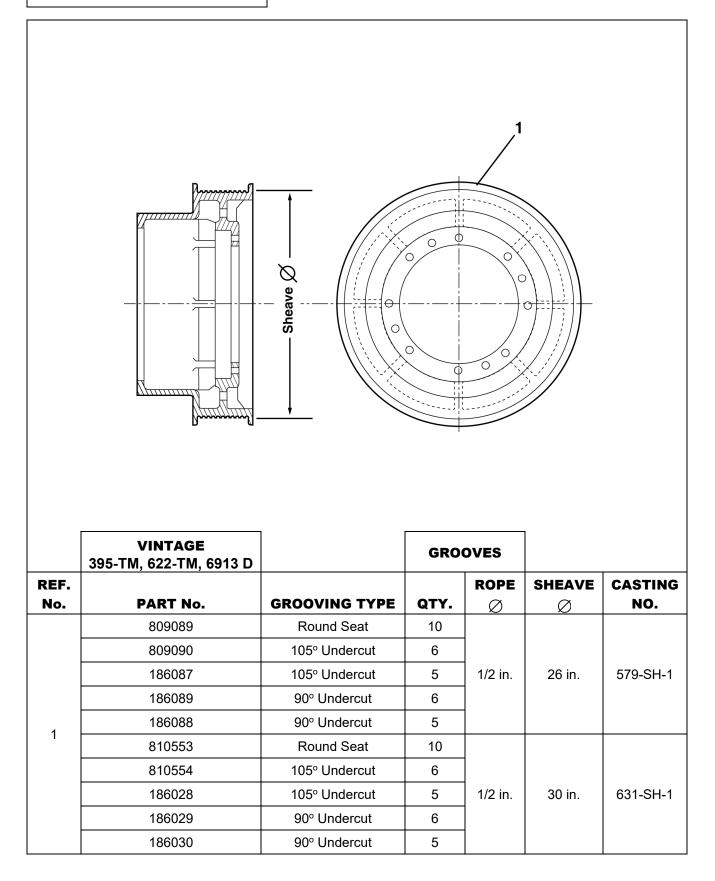
# Brake Assembly Magnets & Coil

06-6911E

			(Original Version) (Original Version) 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	VINT		
	466-TM	6911E	
REF. No.	PAR	۲NO.	
1			Assembly, Magnet Core, Female with Pin. See <b>NOTE</b> .
	<del>125443</del>		Assembly, Magnet Core (Original Version). See <b>NOTE</b> .
2			Assembly, Magnet Core, with Liner Insert. See <b>NOTE</b> .
3	<del>125</del> 444 400 GS1-4	 ICV 00CV/1	Assembly, Magnet Core (Original Version). See <b>NOTE</b> . Assembly, Magnet Core, Female, with Switch Arm
4		<del>ICX</del>	Assembly, Magnet Core, Male, with Switch Arm
			Coil, Brake (Res. = 7.05 Ohms)
159574 5 185783			Coil, Brake (Res. = 16.5 Ohms)
143061			Coil, Brake (Res. = 26 Ohms)
		6931A1	Switch, Brake
6			Switch, "H". See SPL C-195C.
-			Switch, "O". See SPL C-315E.
7	136	AG1	Tube, Magnet Core
8	806747		Washer, Brass
9		28AG2	Washer, Brass
			Refer to service end Letter #9A dated 1/15/1965

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

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# **Secondary Sheave & Shaft**

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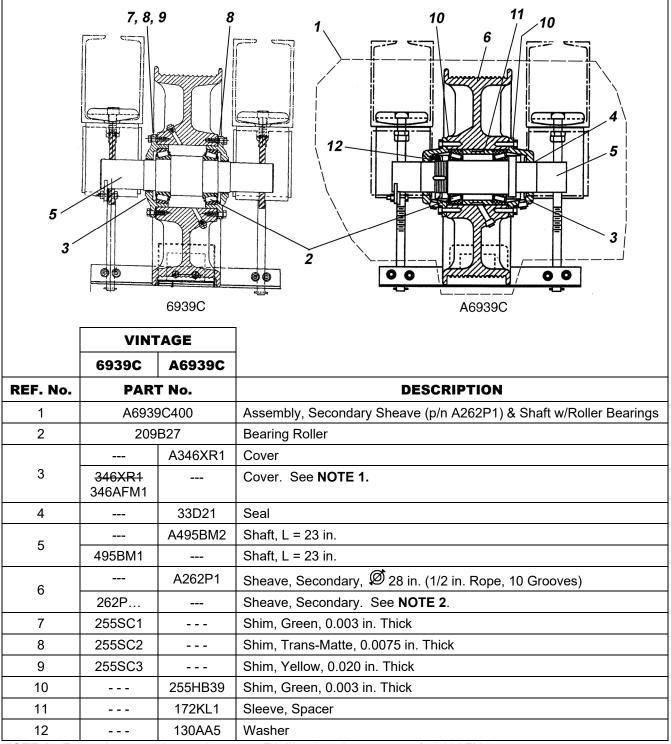
# w/Babbitted Bearings

			Image: state stat
	<b>VINT</b> 466-TM		
	Production Pre 1948	Production Post 1948	
REF. No.	PAR	Г No.	DESCRIPTION
1	<del>105230</del> 210AJ1		Bearing, Secondary Sheave Shaft, T = 8.25 in.
		A210AJ2	Bearing, Secondary Sheave Shaft, T = 9.25 in.
2	105	233	Gasket, Vellumoid, 1/8 in. Thick
3	105232		Guard, Inside Oil, 1/16 in. Thick
4	131	150	Shaft, Secondary Sheave (Long), 61 in. L
	144	646	Shaft, Secondary Sheave (Short), 27 in. L

REF. No.	<b>VINTAGE</b> 466-TM, 6913E	GI		DOVES	SHEAVE $\varnothing$	
	PART No.		QTY.	ROPE $arnothing$		
5	809088	Sheave, Secondary	10	1/2 in.	26 in.	
	810570	Sheave, Secondary	10	1/2 in.	28 in.	

# Secondary Sheave & Shaft

w/Roller Bearings



**NOTE 1:** For replacement instructions, see TA-III-7-1 and use cover p/n 346AFM1.

**NOTE 2:** This sheave is no longer available individually. To replace this sheave, order secondary sheave/shaft assembly: A6939C400 (sheave with 10 grooves), or A6939C401 (sheave with 12 grooves and groove pitch 5/8 in.), or A6939C402 (sheave with 12 grooves and groove pitch 9/16 in.)

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# **Secondary Sheave Babbitted**

06-6911E

## **To Roller Bearings Conversion**

	VINTAGE	
REF. No.	GS1-B11TM PART No.	DESCRIPTION
1	209B27	Bearing, Roller
2	GS1-A495BM2	Shaft
4	GS1-172KL1	Sleeve

	VINTAGE GS1-B11TM		GROOVES		
REF. No.	PART No.	DESCRIPTION	QTY.	ROPE $\varnothing$	SHEAVE $\varnothing$
3	A6800CP1	Sheave, Secondary	10	1/2 in.	24 in.
	A6800CP2	Sheave, Secondary	12	1/2 in.	24 in.

**NOTE:** Contact OSC Service Engineering for assistance with upgrade.



## **Deflector Sheave & Shaft**

# w/Babbitted Bearings

	Image: state of the state of			
	VINT	AGE	]	
	466-TM	6911E		
REF. No.	PART No.		DESCRIPTION	
1	122855		Bearing, Deflector Sheave Shaft	
2	122860		Gasket, Vellumoid, 1/8 in. Thick	
3	122858		Guard, Inside Oil, 1/16 in. Thick	
4	131152Shaft, Deflector Sheave (Long), 60.5 in. L			
	807704 Shaft, Deflector Sheave (Short), 26.5 in. L		Shaft, Deflector Sheave (Short), 26.5 in. L	

	VINTAGE					
	466-TM	6911E		GROOVES		
REF. No.	PART No.		DESCRIPTION	QTY.	ROPE $\varnothing$	SHEAVE $arnothing$
5	809091		Sheave, Deflector	6	1/2 in.	30 in.

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	W/O VINTAGE		
REF. No.	PART No.	DESCRIPTION	
1		Guard, Sheave (to order sheave guard, see TIP 6.1.1-15)	
2	AAA297AY3	Strip, Carpet	
3	AAA488M5		
3	AAA400IVID	Wick, Lubricator Replacement	