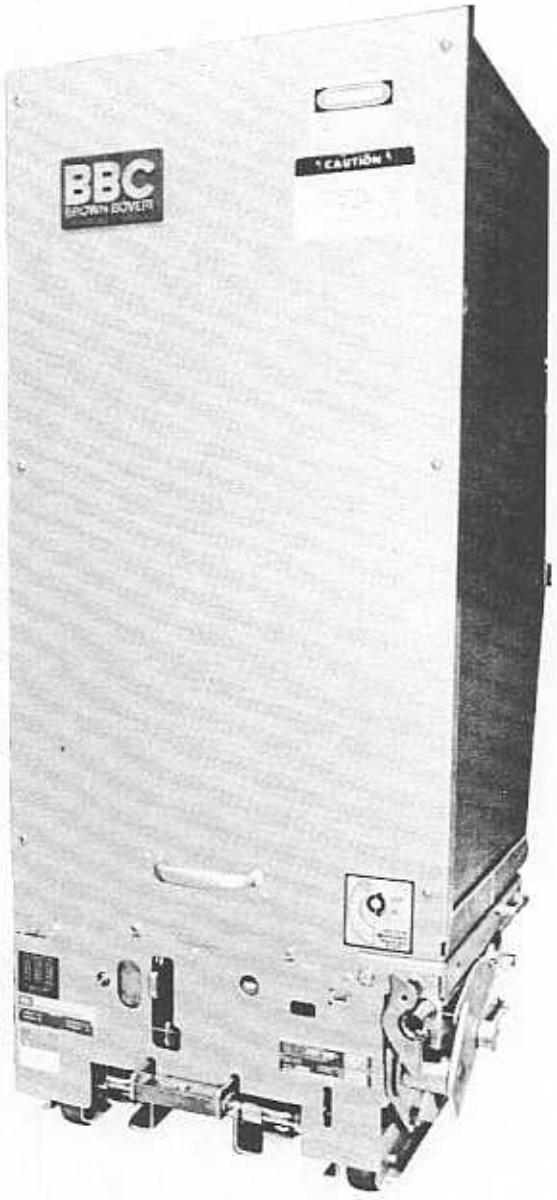
BBC
BROWN BOVERI

RP 6.2.1.8-3B

Renewal Parts

I-T-E Low-Voltage Power Circuit Breakers

Type 5HK250
1200 and 2000 Amperes
5000 Volts



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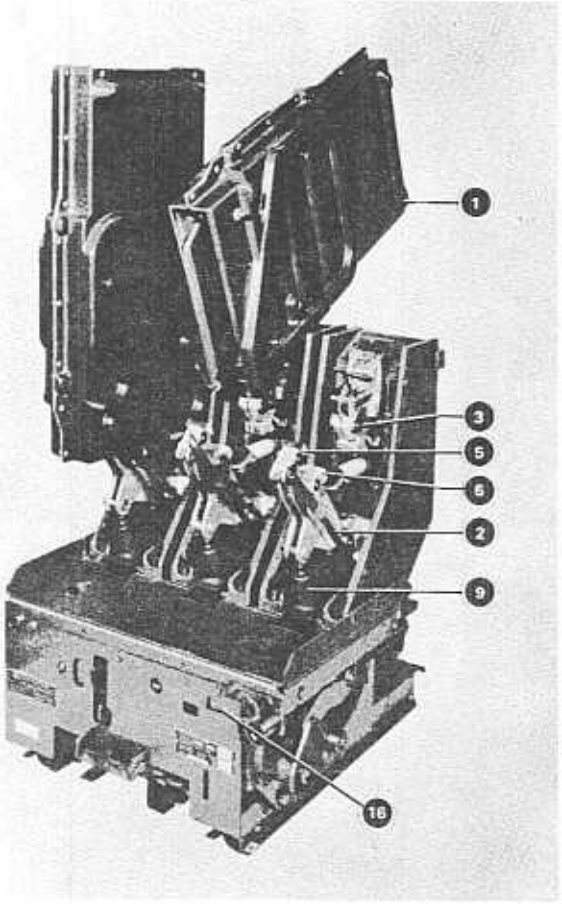
General Notes

1. Recommended quantities are as follows:
   DOMESTIC OR NORMAL DUTY APPLICATIONS: One (1) recommended set for each ten (10) breakers or fraction thereof installed for each rating. Any portion or all of the additional parts may be ordered in the same ratio.
   FOREIGN OR HEAVY DUTY APPLICATIONS: One (1) recommended and one (1) additional set for each five (5) breakers or fraction thereof installed for each rating.
2. The parts listed cover an indefinite period of time. With normal maintenance, replacement will be infrequent.
3. An assortment of special hardware used on this circuit breaker is available as a kit. Order hardware Kit No. 709712-T1.
4. Where continuity of service is mandatory, a spare breaker is recommended.

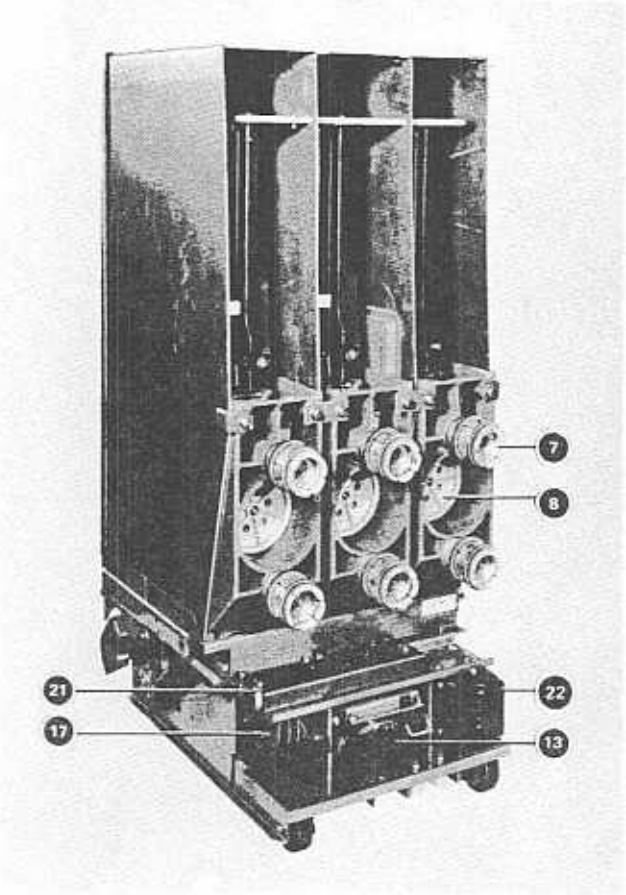
Ordering Instrutions

1. Specify serial number from breaker nameplate, in addition to part description and ordering number.
2. State control voltage when ordering coils, resistors and motor.

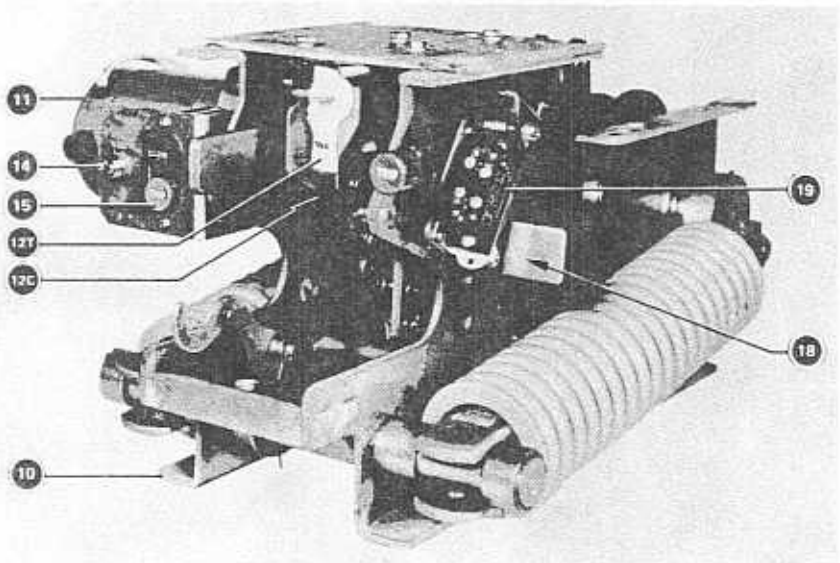
The illustrations and ordering numbers in this bulletin are furnished only to serve as a guide in the identification of assemblies and parts, and do not purport to cover all details or variations in equipment.



FRONT VIEW



REAR VIEW



OPERATING MECHANISM ASSEMBLY

1

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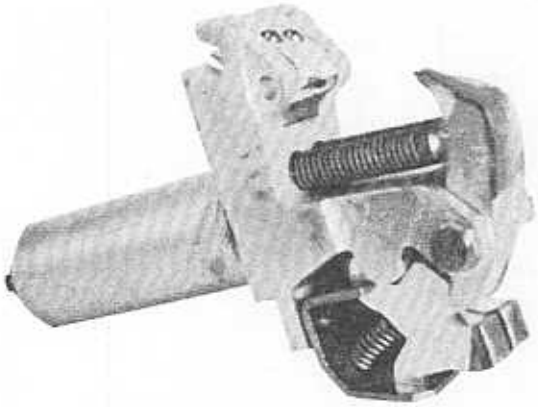

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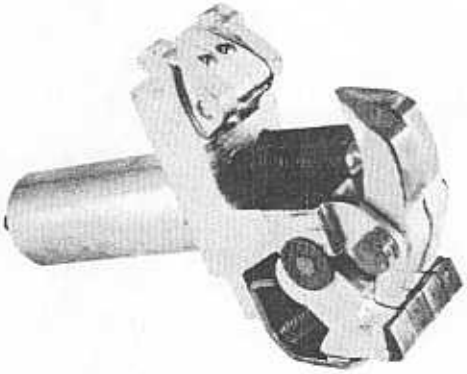

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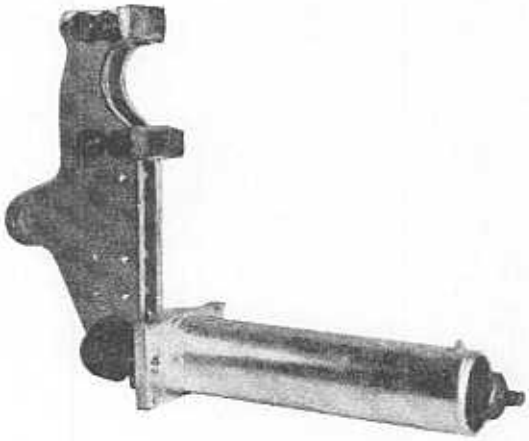

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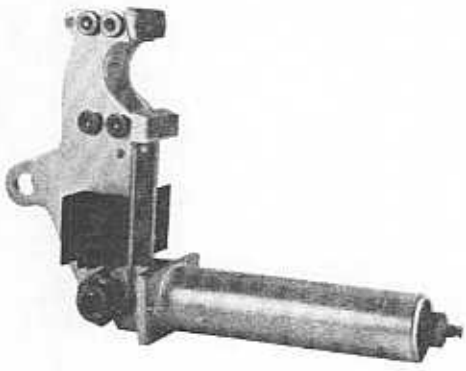
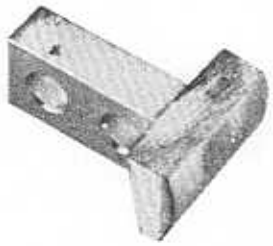


4B

Description of Part Or Assembly	Fig. Ref.	Quantity Per Breaker		Ordering Number
		1200A	2000A	
Arc Chute Assembly	1	3	3	194117-T1
Arc Chute Return Connection	2	3	3	196657-A
Stationary Contact and Upper Terminal Assembly	3A 3B	3	3	194145-T1 194145-T3
Moving Contact and Lower Terminal Assembly	4A 4B	3	3	194136-T1 194136-T2
Moving Arcing Contact	5A 5B	3	3	196635-K1 193774-K1
Moving Main Contact	6A 6B	3	3	196636-K1 193734-K4
Primary Disconnect Assembly	7A 7B	6	6	191916-T5 191916-T8



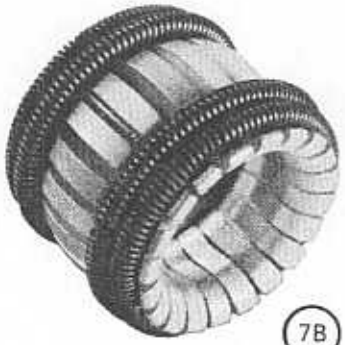
5A

5B

6A

6B

7A



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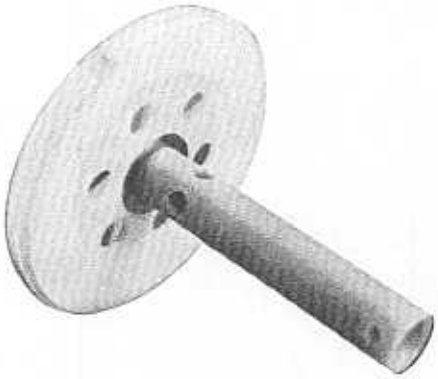

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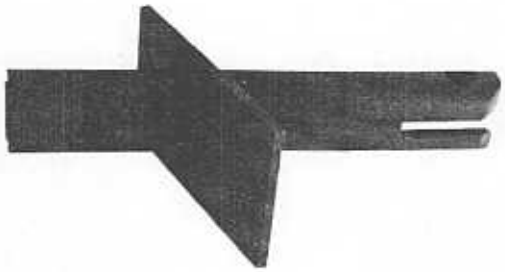

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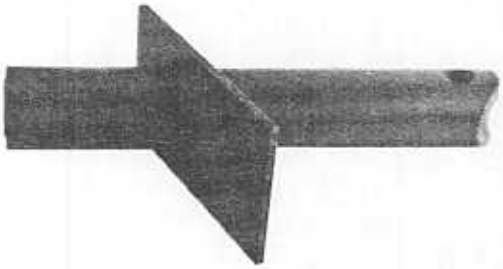

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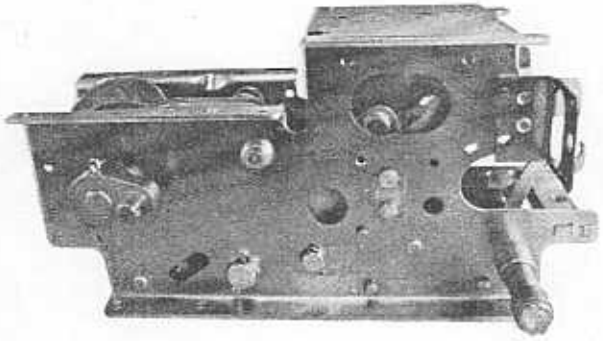

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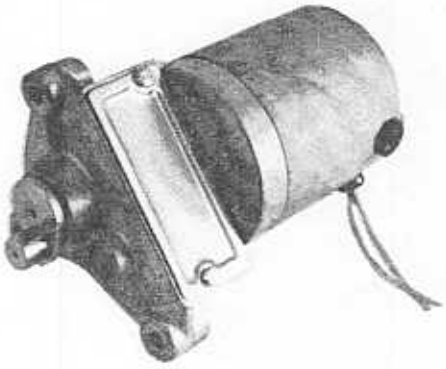

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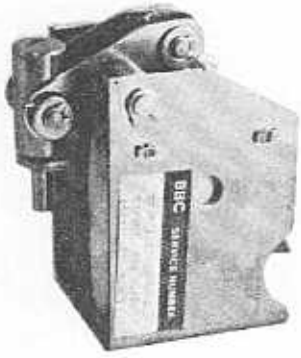

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Description of Part Or Assembly	Fig. Ref.	Quantity Per Breaker		Ordering Number
		1200A	2000A	
Puffer Piston Assembly	8	3	3	193989-T2
Pushrod Assembly (Outer Pole)	9A	2	2	192100-K1
Pushrod Assembly (Center Pole)	9B	1	1	192100-K6
Operating Mechanism Assembly	10	1	1	194111-T3
Spring Charging Motor Assembly				
48V DC	11	1	1	709799-T13
125V DC	11	1	1	709799-T11
250V DC	11	1	1	709799-T12
110/120V AC	11	1	1	709799-T11
208/240V AC	11	1	1	709799-T12
Close Coil Assembly				
48V DC	12	1	1	191920-T4
125V DC	12	1	1	191920-T14
250V DC	12	1	1	191920-T3
110/120V AC	12	1	1	191920-T5
208/204V AC	12	1	1	191920-T6
Trip Coil Assembly				
48V DC	12	1	1	191920-T4
125V DC	12	1	1	191920-T14
250V DC	12	1	1	191920-T3
110/120V AC	12	1	1	191920-T5
204/240V AC	12	1	1	191920-T6
Control Device Assembly				
48V DC	13	1	1	191921-T8
125V DC	13	1	1	191921-T6
250V DC	13	1	1	191921-T7
110/120V AC	13	1	1	191921-T10
204/240V AC	13	1	1	191921-T11
Motor Disconnect Switch	14	1	1	703270-A
Electrical Close/Trip Switch (When Used)	15	1	1	712780-A

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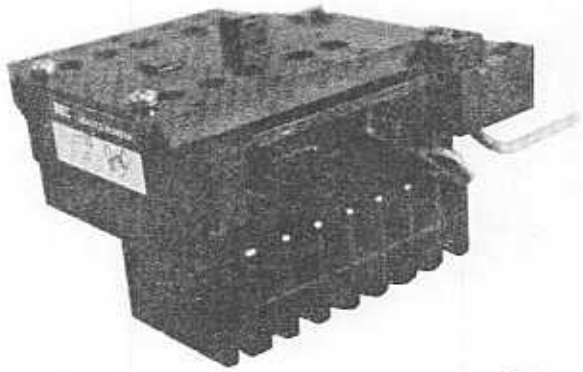

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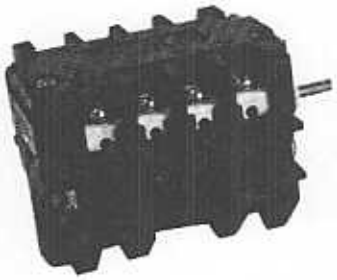

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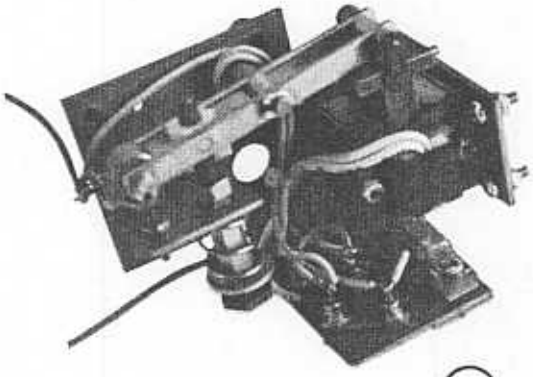

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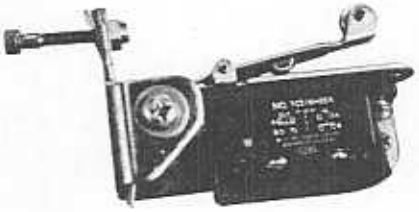

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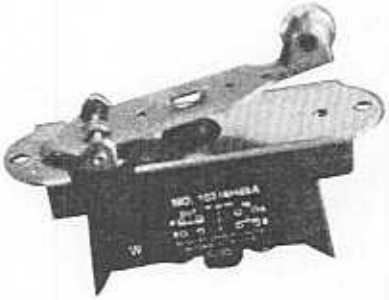

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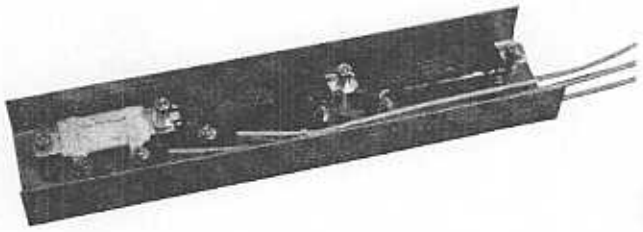

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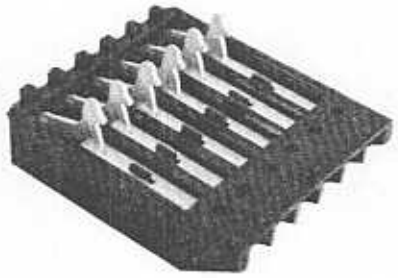
Description of Part Or Assembly	Fig. Ref.	Quantity Per Breaker		Ordering Number
		1200A	2000A	
Operation Counter	16	1	1	180522-C
Auxiliary Switch Assembly (4 Contact)	17	1	1	700034-K1
Undervoltage Trip Device (When Used)				
48V DC	18	1	1	197909-T6
125V DC	18	1	1	197909-T7
250V DC	18	1	1	197909-T8
110/120V AC	18	1	1	197909-T9
204/240V AC	18	1	1	197909-T10
Latch Check Switch Assembly (When Used)	19	1	1	191924-T3
Latch Check Switch (When Used)	20	1	1	191545-A
Resistor Assembly (When Used)				
120V AC	21	1	1	194124-T15
240V AC	21	1	1	194124-T16
Secondary Disconnect Assembly—Moving	22	2	2	703153-K5
Secondary Disconnect Assembly—Stationary	23	1	1	834838-T1
Hardware & Retainer Kit	24	1	1	709712-T1



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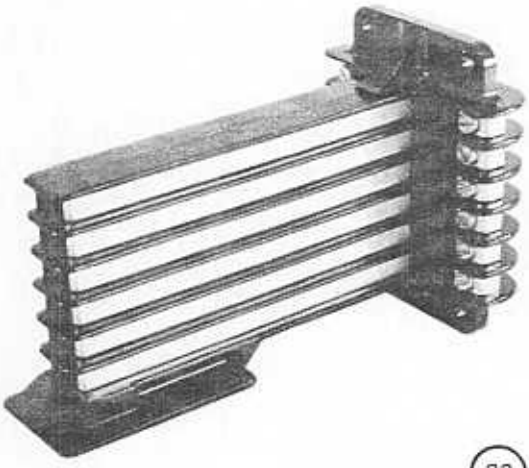

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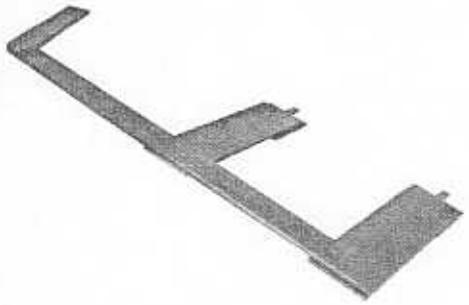
Description of Part Or Assembly	Fig. Ref.	Quantity Per Breaker		Ordering Number
		1200A	2000A	
Accessories				
Accessory Kit	30-34	1	1	160800-T1
(Order Individual Accessories As Required)				
Slow Close Bracket	30	1	1	194147-T10
Manual Charge Handle	31	1	1	187912-A
Racking Crank	32	1	1	160800-T9
5th Wheel Assembly	33	1	1	160800-T6
Lifting Yoke Assembly	34	1	1	160800-T7



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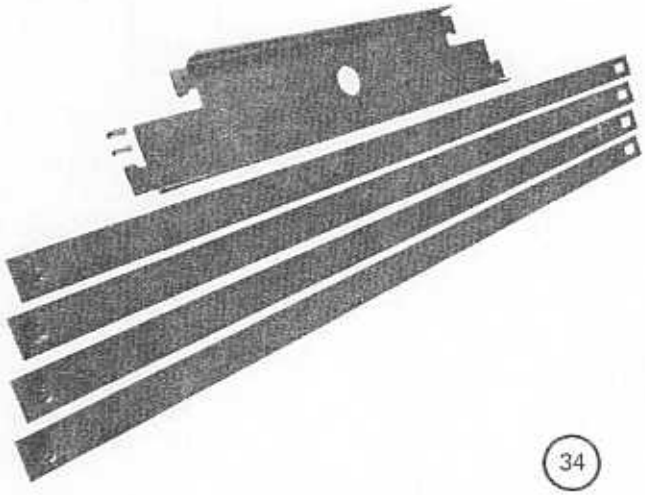

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