

30-162

**Metallic Lining**

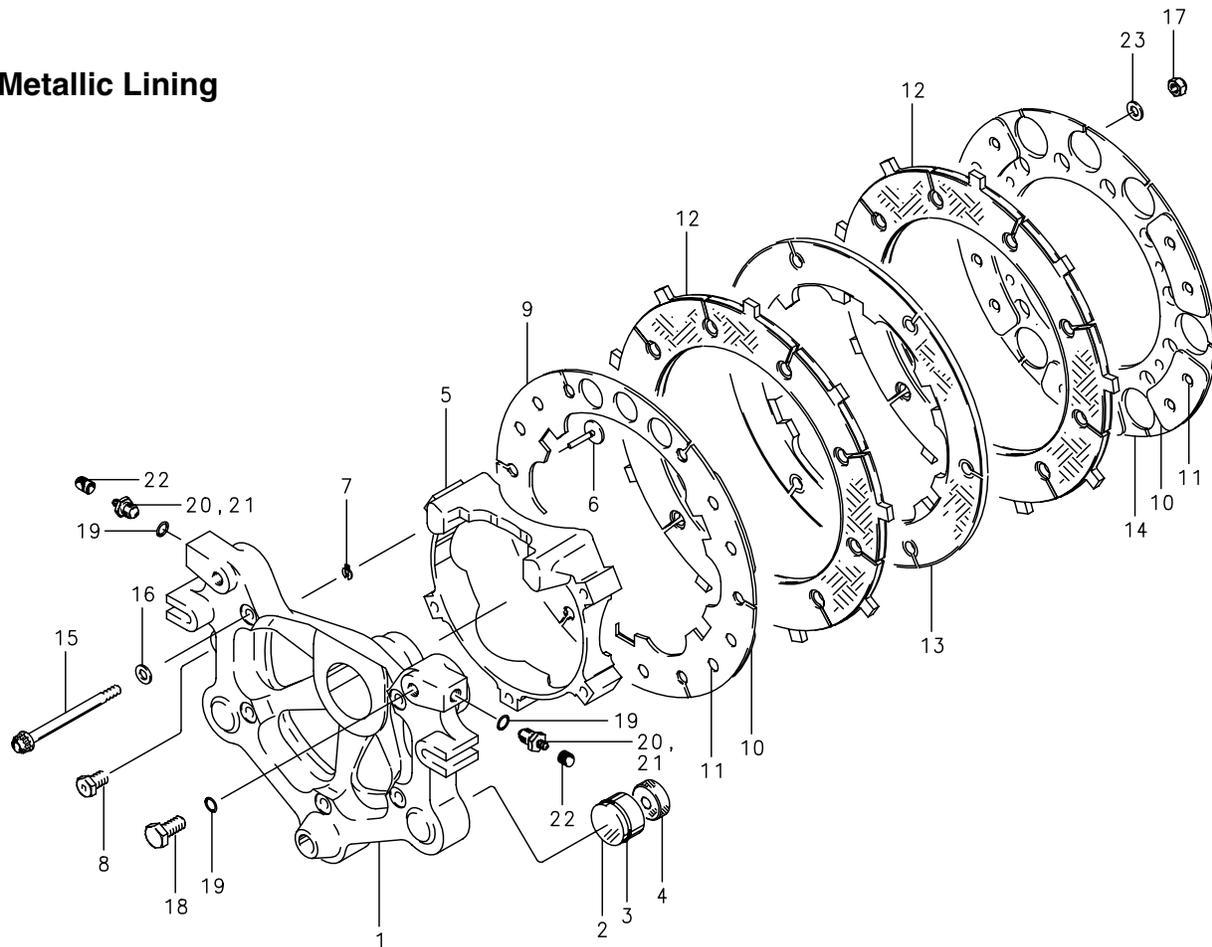


FIG.	PART NO.	DESCRIPTION	PER ASSY. 30-162
1	091-23900	Cylinder Assembly	1
2	062-07400	Piston	5
3	101-02100	O-Ring (MS28775-216)	5
4	088-01500	Insulator	5
5	065-15401	Torque Ring	1
6	139-11500	Lining Indicator Pin	1
7	155-04800	Retaining Ring	1
8	139-11400	Lining Indicator Seat	1
	073-07100	Pressure Plate Assembly	1
9	063-05500	Pressure Plate	1
10	109-00200	Wear Pad	5
11	105-00900	Rivet (MS16535-360)	10
12	159-01200	Disc	2
13	232-00300	Stator	1

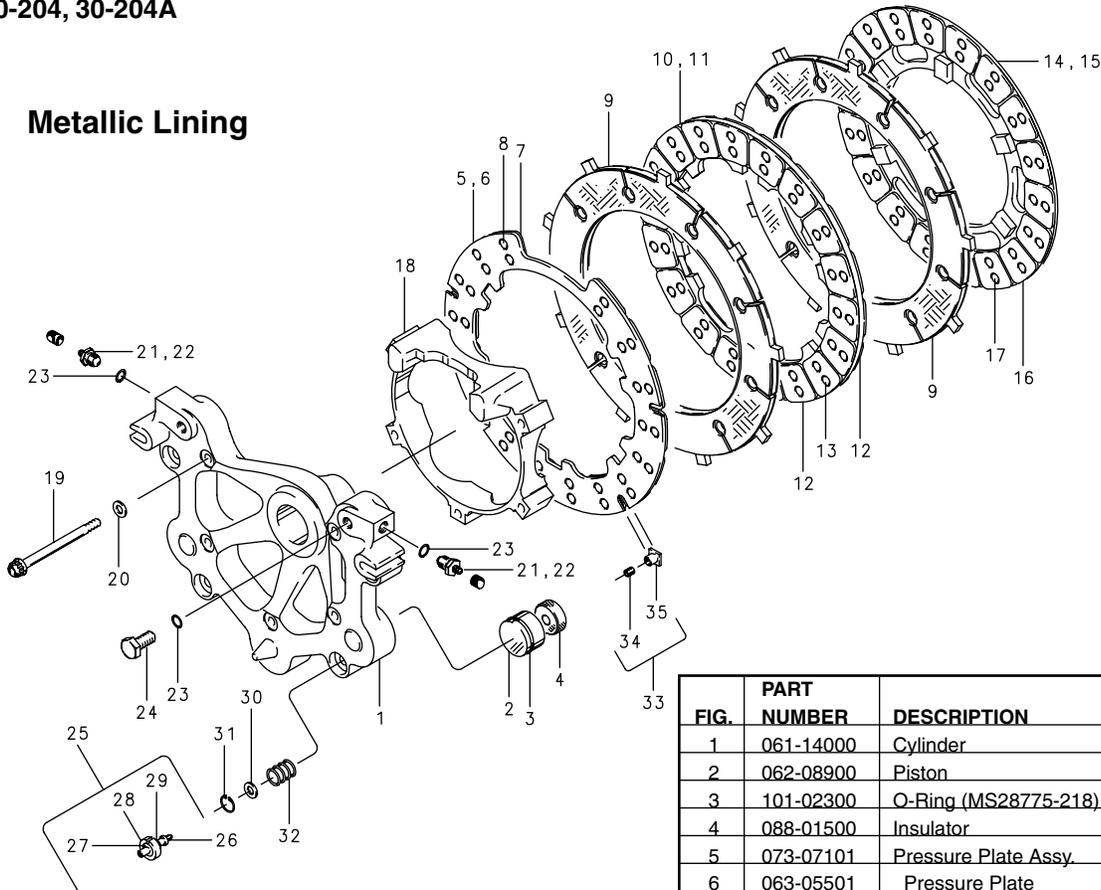
FIG.	PART NO.	DESCRIPTION	PER ASSY. 30-162
	074-05500	Back Plate Assembly	1
14	064-04300	Back Plate	1
10	109-00200	Wear Pad	5
11	105-00900	Rivet (MS16535-360)	10
15	103-24400	Bolt (MS21250-05-040)	5
16	095-02800	Washer (MS20002C5)	5
17	094-10401	Nut (MS21045-5S)	5
18	104-05000	Plug (AN814-4)	1
19	101-00700	O-Ring (MS28775-012)	3
20	081-00200	Bleeder Seat	2
21	079-00300	Bleeder Screw	2
22	183-00100	Bleeder Cap	2
23	095-10500	Washer (AN960-516)	5

**Cleveland**  
 Wheels & Brakes



**30-204, 30-204A**

**Metallic Lining**



**Assy. Number**

A) 30-204 (1) (3)

B) 30-204A

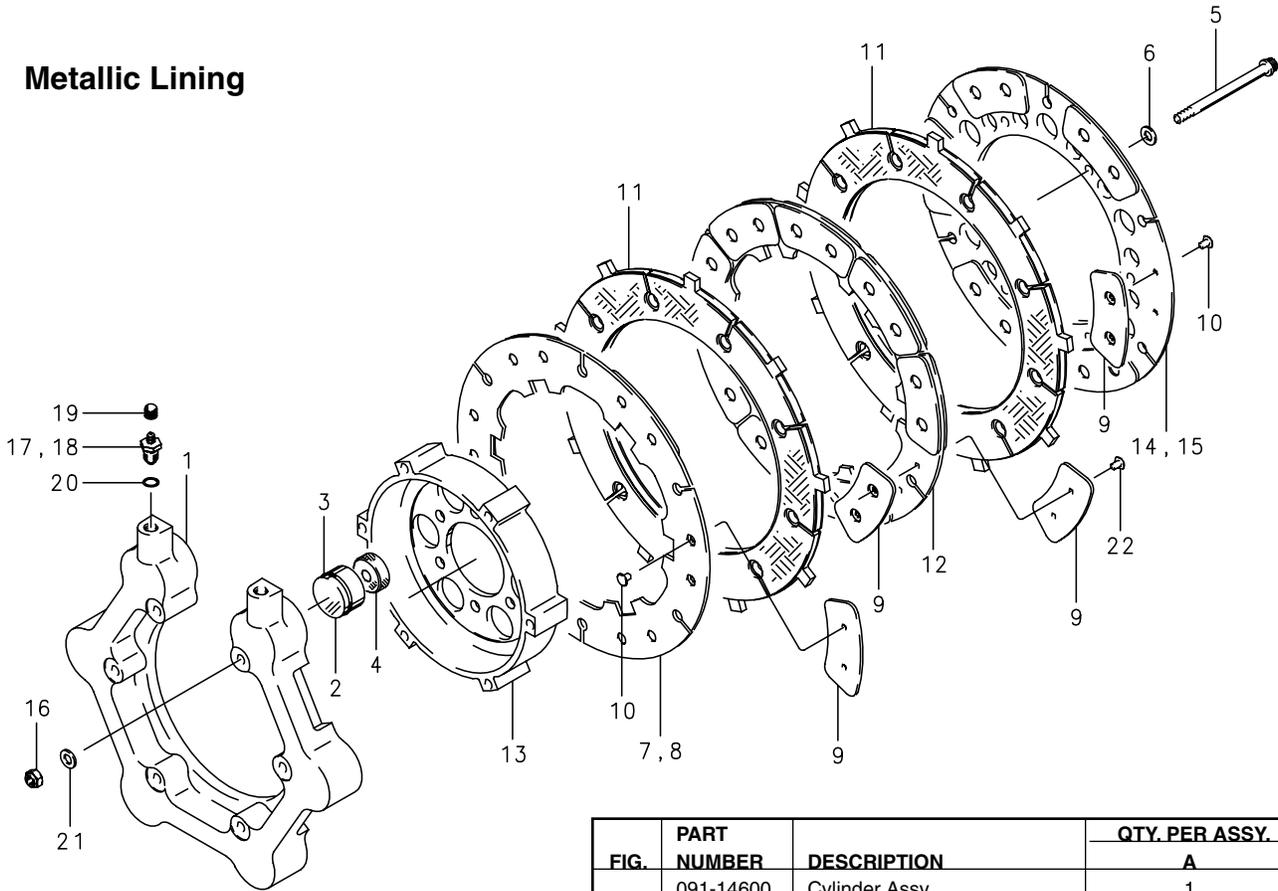
**NOTES:**

- (1) Inactive assembly – spares support only for parts listed.
- (2) Inactive part – no longer available for spares support.
- (3) Refer to Service Bulletin SB7041 for upgrade to 30-204A.

FIG.	PART NUMBER	DESCRIPTION	QTY. PER ASSY.	
			A	B
1	061-14000	Cylinder	1	1
2	062-08900	Piston	5	5
3	101-02300	O-Ring (MS28775-218)	5	5
4	088-01500	Insulator	5	5
5	073-07101	Pressure Plate Assy.	1	1
6	063-05501	Pressure Plate	1	1
7	109-00201	Wear Pad	16	16
8	105-06700	Rivet	32	32
9	(2)	Disc	2	
	159-05900	Disc		2
10	242-01200	Stator Assy.	1	1
11	232-01201	Stator	1	1
12	109-00201	Wear Pad	36	36
13	105-06800	Rivet	36	36
14	074-07000	Back Plate Assy.	1	1
15	064-04303	Back Plate	1	1
16	109-00201	Wear Pad	18	18
17	105-06700	Rivet	36	36
18	065-15401	Torque Ring	1	1
19	103-25100	Bolt (MS21250-0503)	5	5
20	095-02800	Washer (MS20002C5)	5	5
21	081-00200	Bleeder Seat	2	2
22	079-00300	Bleeder Screw	2	2
23	101-00700	O-Ring (MS28775-012)	3	3
24	104-05000	Plug (AN814-4)	1	1
25	111-10300	Adjuster Assy.	4	4
26	139-21500	Stud	4	4
27	139-12000	Friction Sleeve	4	4
28	139-11900	Sleeve Retainer	4	4
29	067-13200	Spacer	4	4
30	095-13600	Washer (MS20002-5)	4	4
31	155-07800	Snap Ring	4	4
32	082-10400	Spring	4	4
33	111-08301	Retract Base Assy.	4	4
34	230-03300	Insert	4	4
35	139-22101	Retract Base	4	4

30-150

**Metallic Lining**



**Assy. Number**

A) 30-150

**NOTE:**

(1) Indicated assemblies have lining permanently bonded.

FIG.	PART NUMBER	DESCRIPTION	QTY. PER ASSY.
	091-14600	Cylinder Assy.	A
1	061-11100	Cylinder	1
2	062-07100	Piston	6
3	101-02100	O-Ring (MS28775-216)	6
4	088-01500	Insulator	6
5	103-22900	Bolt (MS21250-05042)	6
6	095-02800	Washer (MS20002C5)	6
7	073-06500	Pressure Plate Assy.	1
8	063-05200	Pressure Plate	1
9	109-00200	Wear Pad	6
10	105-00900	Rivet (MS16535-360)	12
11	159-01100	Disc Assy (1)	2
	242-00300	Stator Assy.	1
12	232-01200	Stator	1
9	109-00200	Wear Pad	18
22	105-02400	Rivet (MS16535-364)	18
13	065-14800	Torque Plate	1
14	074-05000	Back Plate Assy.	1
15	064-04200	Back Plate	1
9	109-00200	Wear Pad	6
10	105-00900	Rivet (MS16535-360)	12
16	094-12700	Nut-Lock (MS21042-5)	6
17	081-00200	Bleeder-Seat	1
18	079-00300	Bleeder-Screw	1
19	183-00100	Bleeder-Cap	1
20	101-00700	O-Ring (MS28775-012)	1
21	095-10700	Washer (AN960-516L)	6

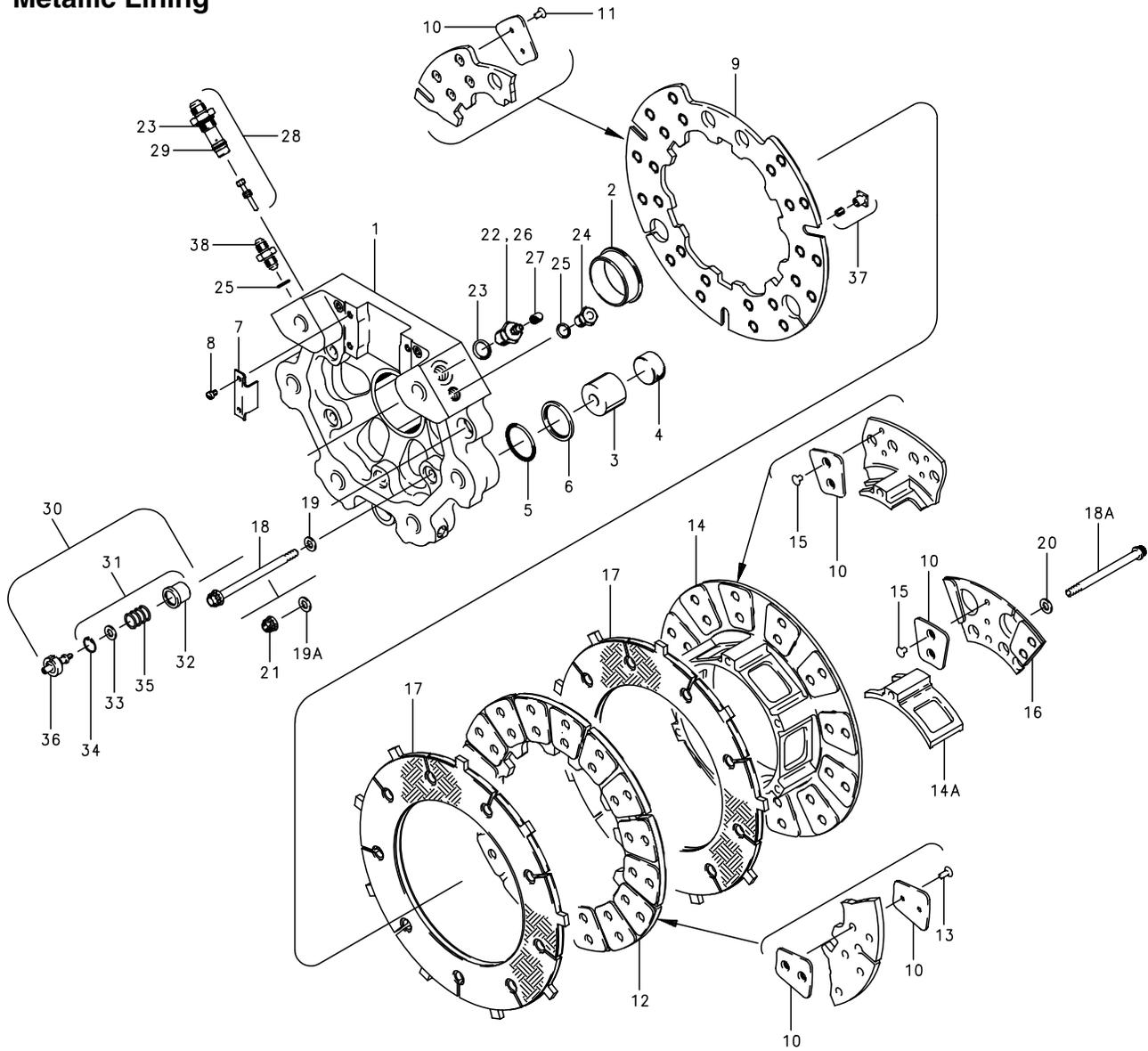
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**Illustrated Parts List**

30-189, 30-189A, 030-18902, 30-161, 30-161A

**Metallic Lining**



**Cleveland**  
Wheels & Brakes



**Illustrated Parts List**

**30-189, 30-189A, 030-18902, 30-161, 30-161A**

FIG.	PART NO.	DESCRIPTION	PER ASSY.				
			30-189 (1) (2) (6)	30-189A (7)	030-18902 (7)	30-161 (1) (3) (5) (6)	30-161A (7)
1	091-17800	Cylinder Assembly	1	1	1		
	091-15600	Cylinder Assembly				1	1
2	145-10200	Bushing	1	1	1		
	145-08500	Bushing				1	1
3	062-06300	Piston	6	6	6	6	6
4	088-01900	Insulator	6	6	6		6
	(4)	Insulator				6	
5	101-27900	O-Ring (NAS1611-220)	6	6	6	6	6
6	107-03700	Wiper Ring	6	6	6	6	6
7	205-00900	Torque Liners	2	2	2	2	2
8	102-07100	Screw (AN501A10-6)	4	4	4	4	4
9	073-08200	Pressure Plate Assembly	1	1	1	1	1
10	109-00100	Wear Pad	12	12	12	12	12
11	105-01100	Rivet	24	24	24	24	24
12	242-00700	Center Stator Assembly	1	1	1	1	1
10	109-00100	Wear Pad	32	32	32	32	32
13	105-01200	Rivet	32	32	32	32	32
14	075-17600	Torque Plate Assembly		1	1		1
14A	(4)	Torque Plate Assembly	1			1	
10	109-00100	Wear Pad	12	12	12	12	12
15	105-01300	Rivet	24	24	24	24	24
16	(4)	Back Plate Assembly	1			1	
10	109-00100	Wear Pad	12			12	
15	105-01300	Rivet	24			24	
17	159-03500	Disc		2	2		2
	(4)	Disc	2			2	
18	103-85300	Bolt (MS21250H05022)		5	5		5
18A	(4)	Bolt	5			5	
19	095-02800	Washer (Countersunk) (MS20002C5)		5	5		5
19A	(4)	Washer (Countersunk)	5			5	
20	(4)	Washer	5			5	
21	(4)	Nut	5			5	
22	081-00600	Bleeder Seat	1	1	1	1	1
23	101-28000	O-Ring	1	1	1	1	1
24	104-05400	Plug (AN814-4K)	1	1	1	1	1
25	101-28200	O-Ring (NAS1612-4)	2	2	2	2	2
26	079-00300	Bleeder Screw	1	1	1	1	1
27	183-00100	Bleeder Cap	1	1	1	1	1
28	111-09801	Shuttle Valve Assembly		1	1		1
	(4)	Shuttle Valve Assembly	1			1	
29	101-28100	O-Ring (NAS1611-13)	1	1	1	1	1
23	101-28000	O-Ring	1	1	1	1	1
30	111-07900	Retract Assembly	3	3	3	3	3
31	111-08400	Retract Housing Assembly	3	3	3	3	3
32	071-00200	Retract Housing	3	3	3	3	3
33	095-13600	Washer (MS20002-5)	3	3	3	3	3
34	155-07800	Snap Ring	3	3	3	3	3
35	082-10400	Spring	3	3	3	3	3
36	111-08200	Adjuster Assembly	3	3	3	3	3
37	111-08300	Retract Base Assembly	3	3	3	3	3
38	104-05200	Fitting (AN815-4K)	1	1	1	1	1

**Metallic Lining**

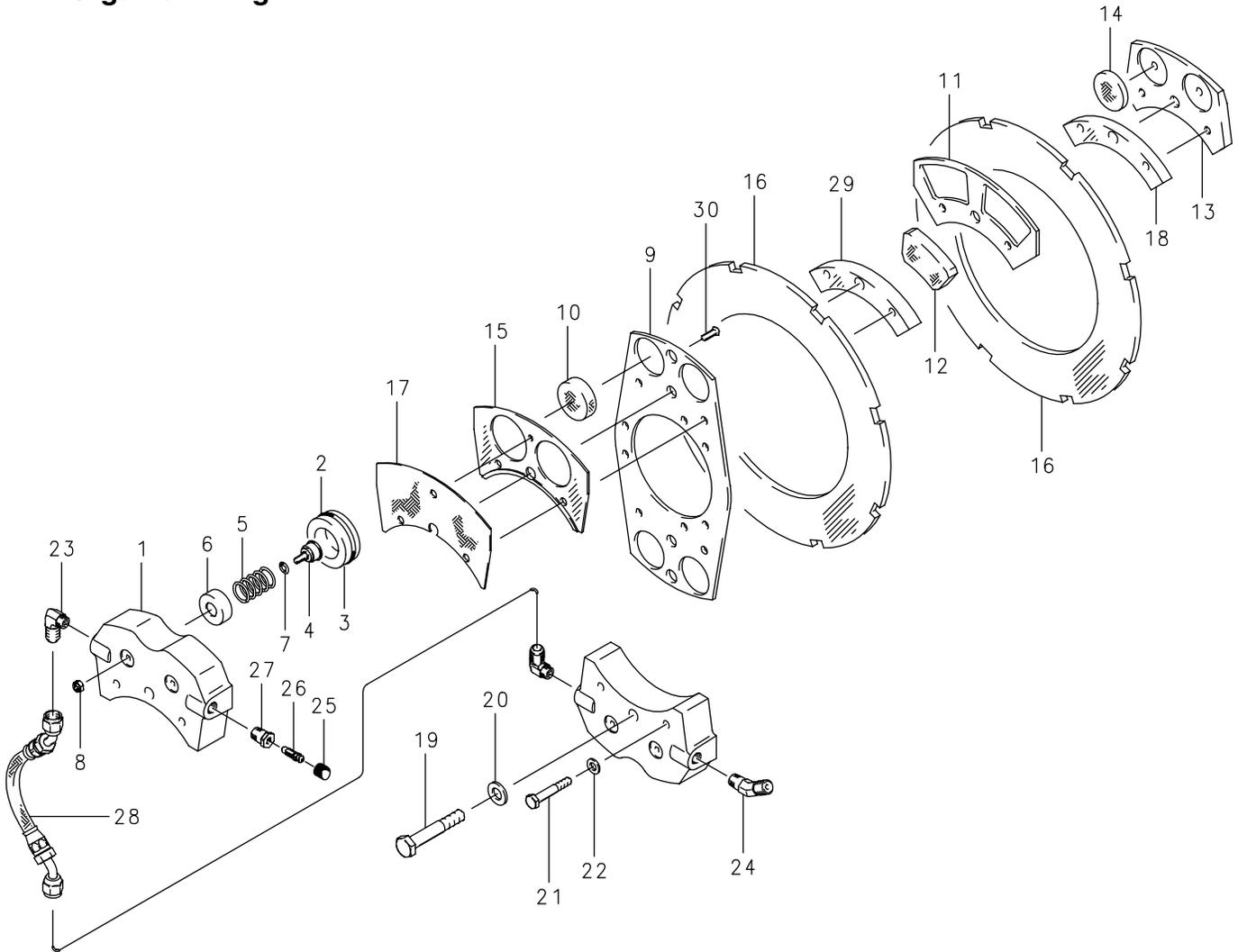
NOTES:

- (1) Inactive Assembly - spares support only for parts listed.
- (2) 30-189 has been superseded by 30-189A
- (3) 30-161 has been superseded by 30-161A
- (4) Inactive Part - no longer available for spares support.
- (5) 199-165 Brake Retract Kit retrofits brake to use improved retracts.
- (6) 199-169 Brake Upgrade Kit converts 30-161 brake to 30-161A and 30-189 to 39-189A. TSO approved per ESB7018 & ESB7022.
- (7) 199-206 Brake Bolt Kit retrofits brake assembly to use safety wired bolts. TSO approved per ESB7028.



30-31

**Organic Lining**



**Illustrated Parts List**

30-31

**Organic Lining**

Catalog AWBPC0001-6.2/USA

**Illustrated Parts List**

FIG.	PART		QTY. PER ASSY.
	NUMBER	DESCRIPTION	A
	091-02000	Cylinder Assy.	2
1	061-01500	Cylinder	2
	092-01300	Piston Assy.	4
2	062-01201	Piston	4
3	101-02500	O-Ring (MS28775-220)	4
4	202-00101	Bolt-Spring	4
5	082-01400	Spring-Retract	4
6	203-00100	Ring-Friction	4
7	101-00500	O-Ring (MS28775-010)	4
8	094-10200	Nut (NASM21083N3)	4
9	065-02000	Torque Plate	1
10	066-11700	Lining - Torque Plate	4
11	204-00100	Plate-Carrier	2
12	066-11900	Lining -Carrier Plate	4
13	064-01300	Back Plate	2
14	066-11800	Lining - Back Plate	4
15	061-01502	Cylinder Shim	2
16	159-00300	Disc-Brake	2
17	067-00701	Neoprene Shim	2
18	067-00900	Spacer	2
19	103-30300	Bolt (AN6H-25A)	2
20	095-10600	Washer (AN960-616)	2
21	103-12600	Bolt (AN4H-26A)	4
22	095-10400	Washer (AN960-416)	4
23	104-00400	Fitting (MS20822-4D)	2
24	104-00500	Fitting (MS20823-4D)	1
25	183-00100	Cap-Bleeder	1
26	079-00300	Screw-Bleeder	1
27	081-00100	Seat-Bleeder	1
28	207-00600	Hydraulic Line Assy.	1
29	067-00700	Spacer	2
30	102-15100	Screw (MS24672-2)	2

Assy. Number

A) 30-31

NOTE:

(1) Used with 40-46  
Wheel Assembly.

