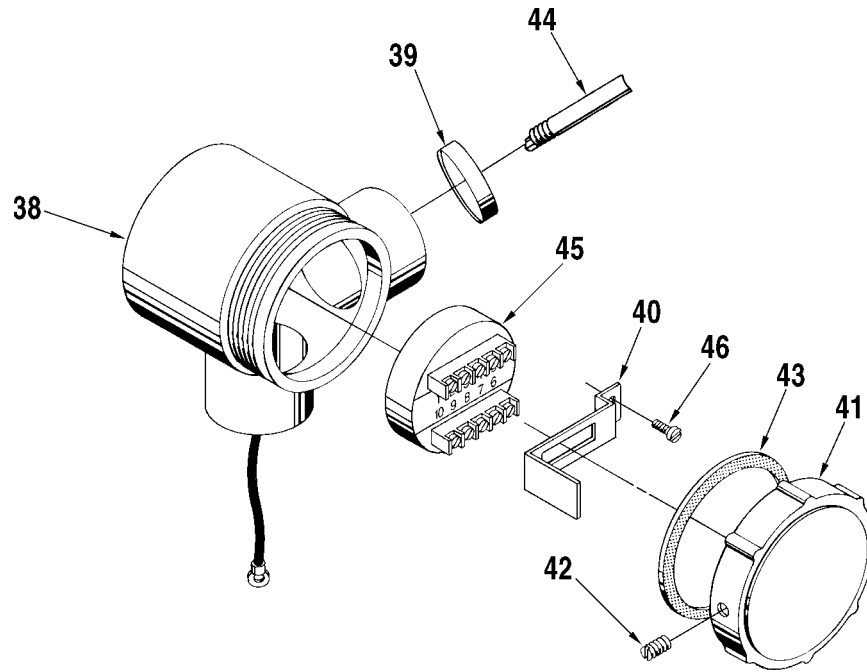


PA-6 Preamplicifier Option for D Transmitters



Item	Description	Qty.	Part Number
1	Link.....	1	004558-001
2	Coupling	1	511420-001
3	Coupling, Drive.....	1	072103-001
4	Cover.....	1	511439-001
5	Cover, Body.....	1	511512-001
6	+ Gasket, Cover.....	1	511414-001
7	+ Gasket, Housing.....	1	002536-001
8	@1 Gear and Hub, Drive:		
	D-1M-1A, D-1C-5A, D-1M-1B, D-1C-5B (64T).....	1	511416-001
	D-10M-5A, D-10M-5B (80T)	1	511432-001
9	@1 Gear (75T) and Pinion (18T), Exciting.....	1	511418-001
10	+ Bearing, Ball	2	641861-402
11	@1 Gear and Pinion, Idler:		
	D-1M-1A, D-1M-1B, (60T Gear, 16T Pinion)	1	511417-001
	D-10M-5A, D-10M-5B, (75T Gear, 21T Pinion)	1	511433-001
	D-1C-5A, D-1C-5B, (60T Gear, 32T Pinion)	1	511909-001
12	Bushing, Idler Gear, and Pinion	2	002182-001
13	Housing	1	511415-001
14	Bushing.....	2	065279-001
15	Hub, Drive Shaft	1	004738-001
16	R Pin, Groove, 1/16 x 5/8".....	1	642406-401
17	Pin, Roll, 5/64 x 1/2"	1	065430-001
18	Ring, Retaining, 1/4" Diameter.....	1	006076-400
19	Ring, Retaining, 3/16" Diameter.....	1	640772-001
20	@2 Screw, #10-32 x 5/8" Fill Hd. Slot	6	008338-400
21	Screw, 3/8-16 x 1" Hex Hd. High Tensile, Drilled	3	060248-003
22	Screw, #8-32 x 3/8" Filled Hd. Slot, Drilled.....	2	006293-003
23	Screw, #6-32 x 1" Round Hd. Slot	2	060487-002
24	@3 Screw, #10-32 x 3/8" Hex Socket Hd., Flat Point.....	1	640925-001
25	@3 Screw, #10-32 x 3/8" Hex Socket Hd., Cup Point.....	1	640605-001

Item	Description	Qty.	Part Number
26	R+ Seal, Lead, and Wire	1	001627-400
27	+ Seal, Lead, and Wire	1	001627-400
28	Shaft, Drive.....	1	511411-001
29	Shaft, Exciting Gear	1	511410-001
30	Spacer, Terminal Strip	2	511412-001
31	Strip, Terminal.....	1	640926-001
32	@4 Stud, Idler	1	511419-001
33	+@5 Transducer.....	1	640923-001
34	R Washer, 1/2" x 17/64" x .010, Brass	2	006332-001
35	Washer, .200 x 1/2" x .010, Steel	1	641985-401
36	Washer, #10 x 1/2" x 1/16", Steel.....	2	002808-400
37	R Preamplifier, PA-6 Assembly	#	540999-103
38	Box, Conduit	#	543256-200
39	Bushing, Pipe Reducing	#	641761-404
40	Clip, Retaining.....	#	543192-203
41	R Cover, Conduit Box, Assembly.....	#	543196-100
42	Screw, Set, #6-32 x 1/4"	#	643243-403
43	Gasket, Conduit Box	#	013403-200
44	Nipple.....	#	002222-400
45	R Board, P.C. Assembly PA-6	#	230663-101
46	Screw, #10-32 x 1/4"	#	009544-401

+ Recommended stock.

As required.

R Indicates change since last revision.

@1 Note 1: Apply sufficient amount of grease, Part No. 005851-600, when replacing gears.

@2 Note 2: Apply anti-seize lubricant, Part No. 005893-600, to all cover mounting screws.

@3 Note 3: Apply one drop of Loctite, Part No. 643917-401, to lock screws in place.

@4 Note 4: Idler gear must be set for minimum backlash (approximate .005). All gears must be free-moving under maximum load.

@5 Note 5: Standard clearance is .005/.003 between transducer pole piece and exciter gear.

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

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