



Proline Rejector Parts Catalog

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Industrial Dynamics Company, Ltd.

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Preface

Introduction

The Proline rejector documentation provides operators, technicians, and service personnel with complete information about the Proline rejector system. Other documents that you can consult include:

- *Proline II Rejector Installation Guide for Models FS-30/FSRC, FT-50, FT-70, FT-75* describes how to install the Proline rejector system, associated equipment, and configure the Proline rejector for an FS-30, FT-50, FT-70, and FT-75 system.
- *Proline II Rejector Installation Guide for FMS III Inspection Systems* describes how to install the Proline rejector system, associated equipment, and configure the Proline rejector for an FMS.
- *Encoder Calibration Procedures for the FT-50 and FT-70* describes how to calibrate an encoder for use with a Proline II rejector.

Topics That This Guide Covers

Proline Rejector Parts Catalog contains a pictorial parts catalog of spare and service parts that you might need to maintain and service your Proline rejector system.

Audience of This Guide

This guide is intended for use by Industrial Dynamics/filtec customers who need to replace Proline rejector parts.

Conventions That Appear in This Guide

Use the following chart to learn about the typographic conventions that appear in this guide.

This typeface or symbol...	Indicates...	Example...
abcd1234	A link to another document or page in the current document, which, when you click on it, displays the other document or the other page.	Proline Rejector Parts Catalog
 Important:	Important information that you might find helpful or useful and best practice suggestions.	 Important: Send oddly shaped (non-round) and plastic containers to Industrial Dynamics Company (Industrial Dynamics/filtec) for testing and evaluation before you use them with the Filler Valve Monitor.
 Caution:	That there is a potential for damage to the equipment. Depending on the particular damage that can result, harm to a person can also occur.	 Caution: To ensure your complete safety, run all power cables through conduit.
 Warning:	That there is a potential for harm to an individual. As harm can be mild or severe, strictly observe the information that is provided.	 Warning: Before you attempt to install the Filler Valve Monitor, turn off power and disconnect <i>all</i> electrical power cables from the Filler Valve Monitor. Failure to turn off power and disconnect all cables can result in serious injury or death from electrocution.
<i>abcd1234</i>	Emphasis, a definition of a new concept, or a variable for which you provide actual text.	Before you attempt to install the Filler Valve Monitor sensor, turn off power and disconnect <i>all</i> electrical power cables from the Filler Valve Monitor. A <i>text field</i> is a set of alphanumeric characters in a product code that do not change. +x or -x
abcd1234	Text, including titles, menus, commands, and other information that you see or type on a screen.	Press Key 5 until the Filler Valve Monitor displays Maximum Container Diameter on the screen.

This typeface or symbol...	Indicates...	Example...
abcd1234	A best practice to follow, a note, an example, a range of values that you can type in a field on a screen, and a document to which to refer.	Best Practice: Note: Example: Range: See Also:
<code>abcd1234</code>	A file name or directory path.	The system encrypts and internally stores the encrypted password that you provide in the configuration file <code>file.cfg</code> .



1. Ordering Proline Rejector Parts

This chapter tells you how to place orders to obtain new parts, describes types of spare parts kits, lists recommended spare parts, and shows you parts that you can order.

1.1 Placing an Order for Parts

1.1.1 Telephone Number to Call to Order Parts

The telephone number that you call to order parts for your Proline rejector depends on the location from which call. Use the chart below to determine the telephone number to call.

If you live...	Then call...
Outside of North America	001-310-325-5633
In North America	001-888-434-5832 toll free



Important: You can also send a fax to 001-310-530-1000 to place your order.

1.1.2 Information That You Need Before You Place Your Order

Use this table to determine and record the information that you need to gather before you place your order.

Serial number of your Proline rejector:		
The part number of the part that you want is...	The description of the part is...	The quantity that you want is...
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

1.2 Determining the Replacement Parts That You Need

1.2.1 Table

Use this chart to determine the replacement parts to order.

If the part number of your Proline rejector is...	Then order...
06656 	• Replacement parts kit, part number 13398 • Rejector pad, part number 06652
14774-3 18289-3 	• Replacement parts kit, part number 21722 • Rejector pad, UHMW, bottle, part number 43808 • Rejector pad, UHMW, can, part number 43809 Note: A replacement valve solenoid assembly is <i>not</i> available for these Proline rejectors. Contact Industrial Dynamics/filtec Customer Support for more information.
18465-3 21283-3 	• Replacement parts kit, part number 21722 • Valve solenoid assembly, part number 18587 • Rejector pad, UHMW, bottle, part number 43808 • Rejector pad, UHMW, can, part number 43809
24347 26033 	• Replacement parts kit, part number 26034 • Valve solenoid assembly, part number 18587 • Rejector pad, primary, part number 24059 Note: These Proline models are included with the Industrial Dynamics/filtec Dual Diverter.

If the part number of your Proline rejector is...

Then order...

[26029](#)
[26030](#)
[26043](#)
[31402](#)
[31403](#)



- Replacement parts kit, part number [26037](#)
- Valve solenoid assembly, part number [18587](#)
- Rejector pad for Proline [26043](#), part number [22422](#)
- Rejector pad, UHMW, bottle, part number [43808](#)
- Rejector pad, UHMW, can, part number [43809](#)

[32249](#)



- Replacement parts kit, part number [33312](#)
 - Rejector pad, UHMW, bottle, part number [43808](#)
 - Rejector pad, UHMW, can, part number [43809](#)
- Note:** A replacement valve solenoid assembly is *not* available for this Proline rejector. Contact Industrial Dynamics/filtec Customer Support for more information.

[34228](#)
[36847](#)



- An entirely new Proline rejector, part number 38271 or 38359, to replace your Proline rejector, part number 34228 or 36847, respectively
 - Rejector pad, UHMW, bottle, part number [43808](#)
 - Rejector pad, UHMW, can, part number [43809](#)
- Note:** Replacing one of these Proline rejectors with a new Proline rejector costs exactly the same as repairing it. Contact Industrial Dynamics/filtec Customer Support for more information.

[40303](#)
[40304](#)



- Replacement parts kit, part number [40305](#) for [40303](#) and part number [40302](#) for [40304](#)
 - Valve solenoid assembly, part number [39217](#) for cans and [39218](#) for bottles
 - Cover assembly, part number [38395](#)
 - Rejector pad, UHMW, bottle, part number [43808](#)
 - Rejector pad, UHMW, can, part number [43809](#)
- Note:** Contact Industrial Dynamics/filtec Customer Support before you order, as you need to return your Proline 40303 or 40304 to Industrial Dynamics/filtec to upgrade, repair, or replace parts.

[38271](#)
[38359](#)

- Replacement parts kit, part number [36882](#)
- Valve solenoid assembly, part number [39049-1](#) for cans and [39049-2](#) for bottles
- Rejector pad, UHMW, bottle, part number [43808](#)
- Rejector pad, UHMW, can, part number [43809](#)

1.3 Illustrated Parts Catalog

1.3.1 Diagram: Replacement Parts Kit 13398

Use the following illustrated parts catalog to identify the parts that you want to order.



Item	Part No.	Description
1	02305	Piston cup
2	06640	Piston bearing
3	06648	Seal O ring
4	06641	Bumper
5	06652	Rejector pad assembly
6	06653	Piston return spring
7	06935	Screw, 10-32, Nylok

1.3.2 Diagram: Replacement Parts Kit 21722 and Associated Valve Solenoid and Rejector Pads

Use the following illustrated parts catalog to identify the parts that you want to order.



Item	Part No.	Description
1	03010	Pad, shock absorber
2	03359	Spring retainer
3	14770	Gasket, front
4	14772	Gasket, rear
5	17422-3	Adhesive, blue, Loctite Threadlocker 242
6	18533	Gasket, valve, pilot operated 4-way
7	21706	Seal, scraper ring
8	21707	Seal, piston



1



2



3



4

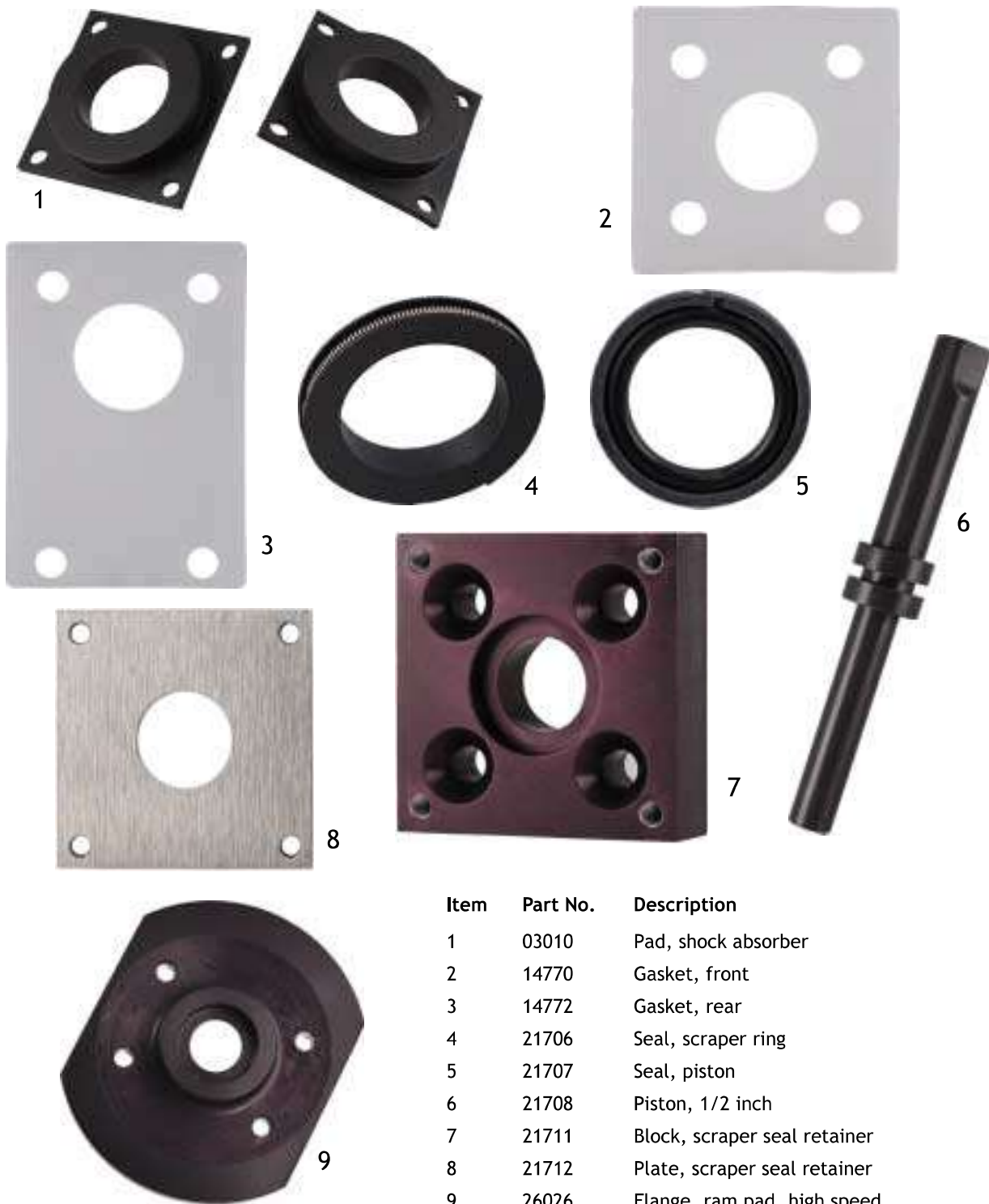


5

Item	Part No.	Description
1		Assorted screws and washers for replacement kit 21722
2	22114	Tag, seal information
3	23892	Screw, 10-32 x 1/4, large, hex head
4	43809	Rejector pad, short, ultra-high-molecular-weight (UHMW) polyethylene, can
5	43808	Rejector pad, wide, ultra-high-molecular-weight (UHMW) polyethylene

1.3.3 Diagram: Replacement Parts Kit 26034 and Associated Valve Solenoid and Rejector Pad

Use the following illustrated parts catalog to identify the parts that you want to order.



Item	Part No.	Description
1	03010	Pad, shock absorber
2	14770	Gasket, front
3	14772	Gasket, rear
4	21706	Seal, scraper ring
5	21707	Seal, piston
6	21708	Piston, 1/2 inch
7	21711	Block, scraper seal retainer
8	21712	Plate, scraper seal retainer
9	26026	Flange, ram pad, high speed



1



2

3



Item	Part No.	Description
1		Assorted screws and washers for replacement kit 26034
2	18587	Valve solenoid assembly, 24 VDC
3	24059	Rejector pad, primary

1.3.4 Diagram: Replacement Parts Kit 26037 and Associated Valve Solenoid and Rejector Pads

Use the following illustrated parts catalog to identify the parts that you want to order.



Item	Part No.	Description
1	03010	Pad, shock absorber
2	03359	Spring retainer
3	14770	Gasket, front
4	14772	Gasket, rear
5	17422-3	Adhesive, blue, Loctite Threadlocker 242
6	18533	Gasket, valve, pilot operated 4-way
7	21706	Seal, scraper ring
8	21707	Seal, piston
9		0.25 x 7 lock wires



Item	Part No.	Description
1		Assorted screws and washers for replacement kit 26037
2	22114	Tag, seal information
3	22422	Rejector pad assembly, high speed for Proline rejector model 26043
4	43809	Rejector pad, short, ultra-high-molecular-weight (UHMW) polyethylene, can
5	43808	Rejector pad, wide, ultra-high-molecular-weight (UHMW) polyethylene
6	23892	Screw, 10-32 x 1/4, large, hex head
7	18587	Valve solenoid assembly, 24 VDC

1.3.5 Diagram: Replacement Parts Kit 33312 and Associated Rejector Pads

Use the following illustrated parts catalog to identify the parts that you want to order.



Item	Part No.	Description
1	26025	Shock absorber pad assembly
2	03359	Spring retainer
3	14770	Gasket, front
4	32255	Gasket, rear
5	17422-3	Adhesive, blue, Loctite Threadlocker 242
6	21706	Seal, scraper ring
7	21707	Seal, piston
8		0.25 x 7 lock wires

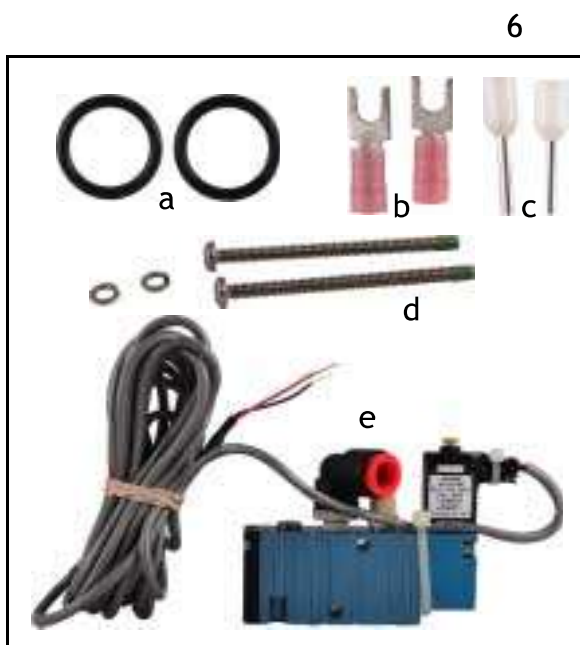
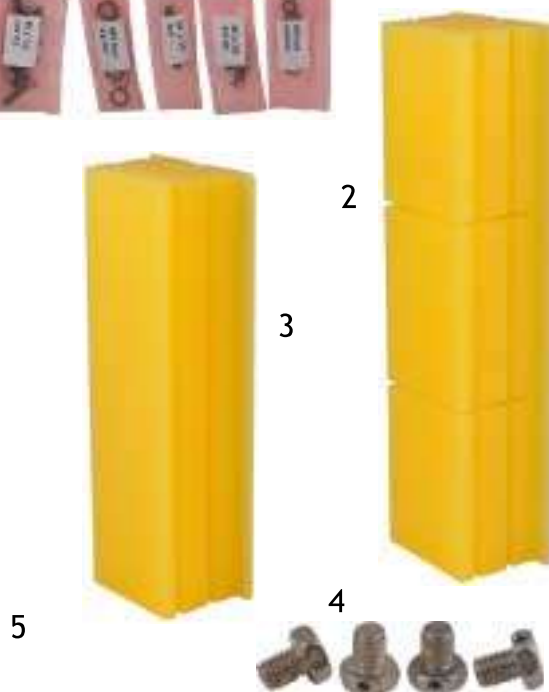


Item	Part No.	Description
1		Assorted screws and washers for replacement kit 26037
2	22114	Tag, seal information
3	23892	Screw, 10-32 x 1/4, large, hex head
4	43809	Rejector pad, short, ultra-high-molecular-weight (UHMW) polyethylene, can
5	43808	Rejector pad, wide, ultra-high-molecular-weight (UHMW) polyethylene

1.3.6 Diagram: Replacement Parts Kit 36882 and Associated Valve Solenoids and Rejector Pads

Use the following illustrated parts catalog to identify the parts that you want to order.





Item	Part No.	Description
1		Assorted screws and washers for replacement kit 26037
2	43808	Rejector pad, wide, ultra-high-molecular-weight (UHMW) polyethylene
3	43809	Rejector pad, short, ultra-high-molecular-weight (UHMW) polyethylene, can
4	23892	Screw, 10-32 x 1/4, large, hex head
5	39049-1	Kit, valve, extra high speed for cans
a	01795	O ring
b	90176	Terminal, spade lug
c	93996-6	Ferrule, single
d		Lock washers, number 4 and screws, 4-40 x 1 3/4 Phillips head
e	39217	Valve solenoid assembly, can
6	39049-2	Kit, valve, extra high speed for bottles
a	01795	O ring
b	90176	Terminal, spade lug
c	93996-6	Ferrule, single
d		Lock washers, number 4 and screws, 4-40 x 1 3/4 Phillips head
e	39218	Valve solenoid assembly, bottle

1.3.7 Diagram: Replacement Parts Kits 40302 and 40305 and Associated Rejector Pads

Use the following illustrated parts catalog to identify the parts that you want to order.



Item	Part No.	Description
1	26025	Shock absorber pad assembly
2		0.25 x 7 lock wires
3	43809	Rejector pad, short, ultra-high-molecular-weight (UHMW) polyethylene, can
4	43808	Rejector pad, wide, ultra-high-molecular-weight (UHMW) polyethylene
5	40304	Kit, replacement for kit 40302, cans, including valve solenoid assembly 39217
6	40303	Kit, replacement for kit 40305, bottles, including valve solenoid assembly 39218
7	21706	Seal, scraper ring
8	38395	Cover assembly

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