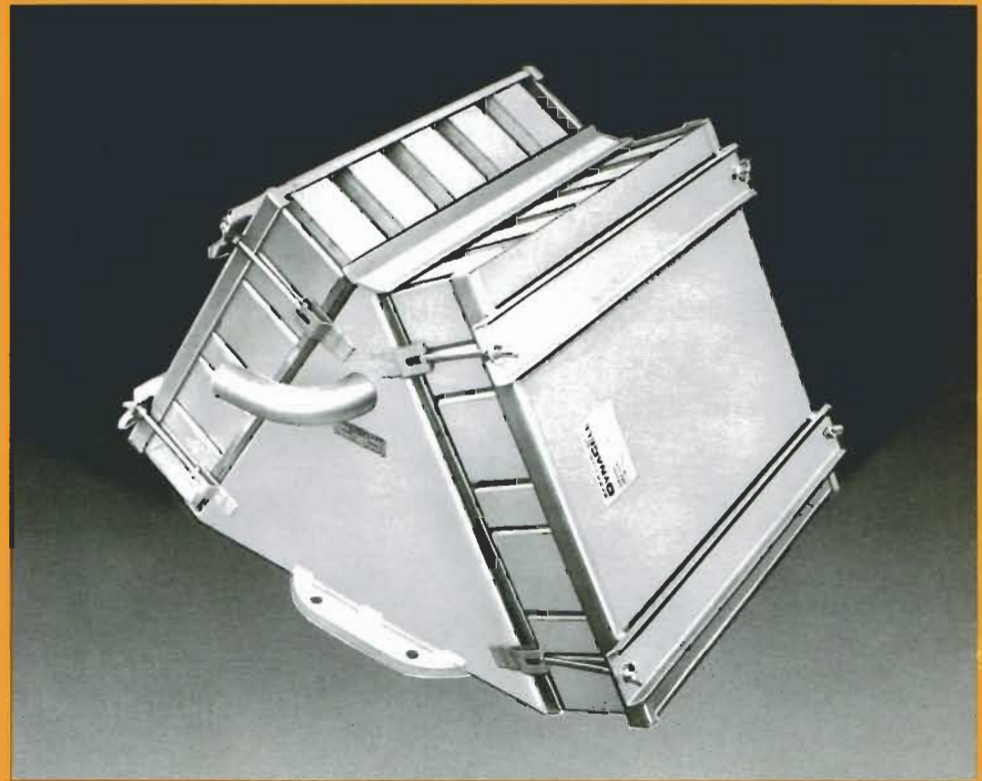


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# DYNACELL®



**Air Cleaner Retrofit Kits for  
EMD Locomotives and Switchers**

# FAIRER

# Better filtration...more engine protection & greater performance

For GP 7, 9 & 18...SD 7, 9 & 18 Locomotives...SW-1500 Switchers



*The Farr DEA-211 with T-529-DR filter elements for extended service life.*

*The cover shows the DEA-212.*

**ON THE JOB DAY AFTER DAY**, in every kind of weather and dust conditions, high horsepower engines take a real pounding.

**FARR DYNACELL AIR CLEANERS** are specifically designed to meet the needs of these locomotives. *With more filtering media surface and higher airflows than any comparable unit, they are over 99% efficient on Standardized Fine Air Cleaner Test Dust.* This efficiency holds true at all throttle settings. At the same time, DynaCell filters are remarkably compact and deliver three major advantages:

- 1. Lower fuel costs...better engine performance** — With a lower airflow restriction than other systems, the DynaCell reduces fuel consumption — a constantly rising cost factor — and enhances overall engine performance.
- 2. Long, trouble free life** — Superior dust holding capacity and rugged, dependable construction mean long, reliable performance. Servicing and downtime are dramatically reduced — from quarterly to only once a year. The DynaCell maintains and actually increases its efficiency throughout its yearlong service life.
- 3. Greater profits, greater productivity** — The remarkable effectiveness of Farr DynaCell filters means unparalleled engine protection. Your investment is safeguarded, productivity is maintained, schedules are not disrupted. The net result: greater profits and smoother operations.

## The DynaCell Air Cleaner Element

**PERFORMANCE  
PROVEN  
IN THOUSANDS OF  
INSTALLATIONS**

AIR OUTLET TO ENGINE

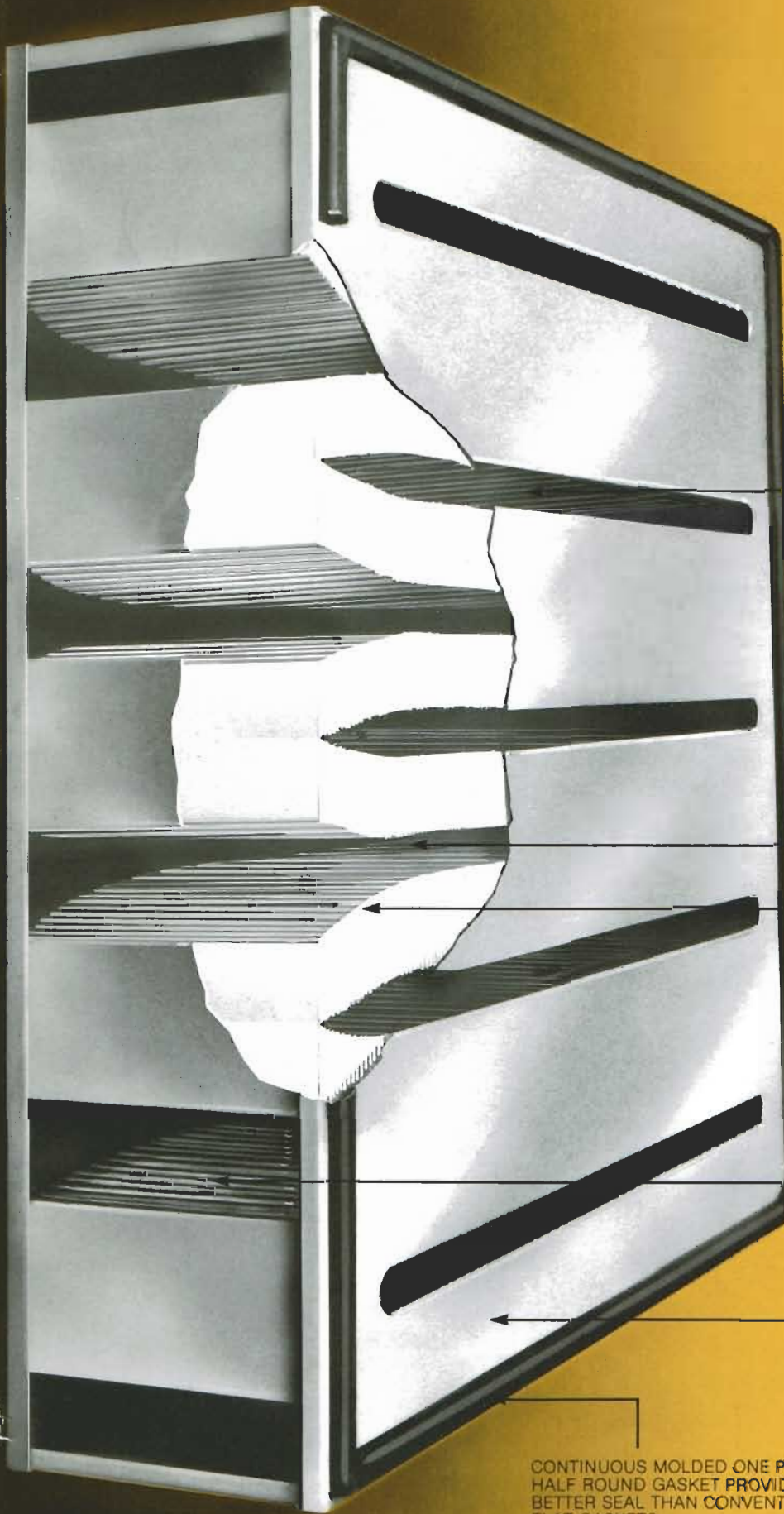
DYNACELL DESIGN TRAPS DIRT INSIDE THE UNIT, REDUCING THE CHANCE OF DIRT ENTERING THE ENGINE DURING FILTER CHANGE-OUT.

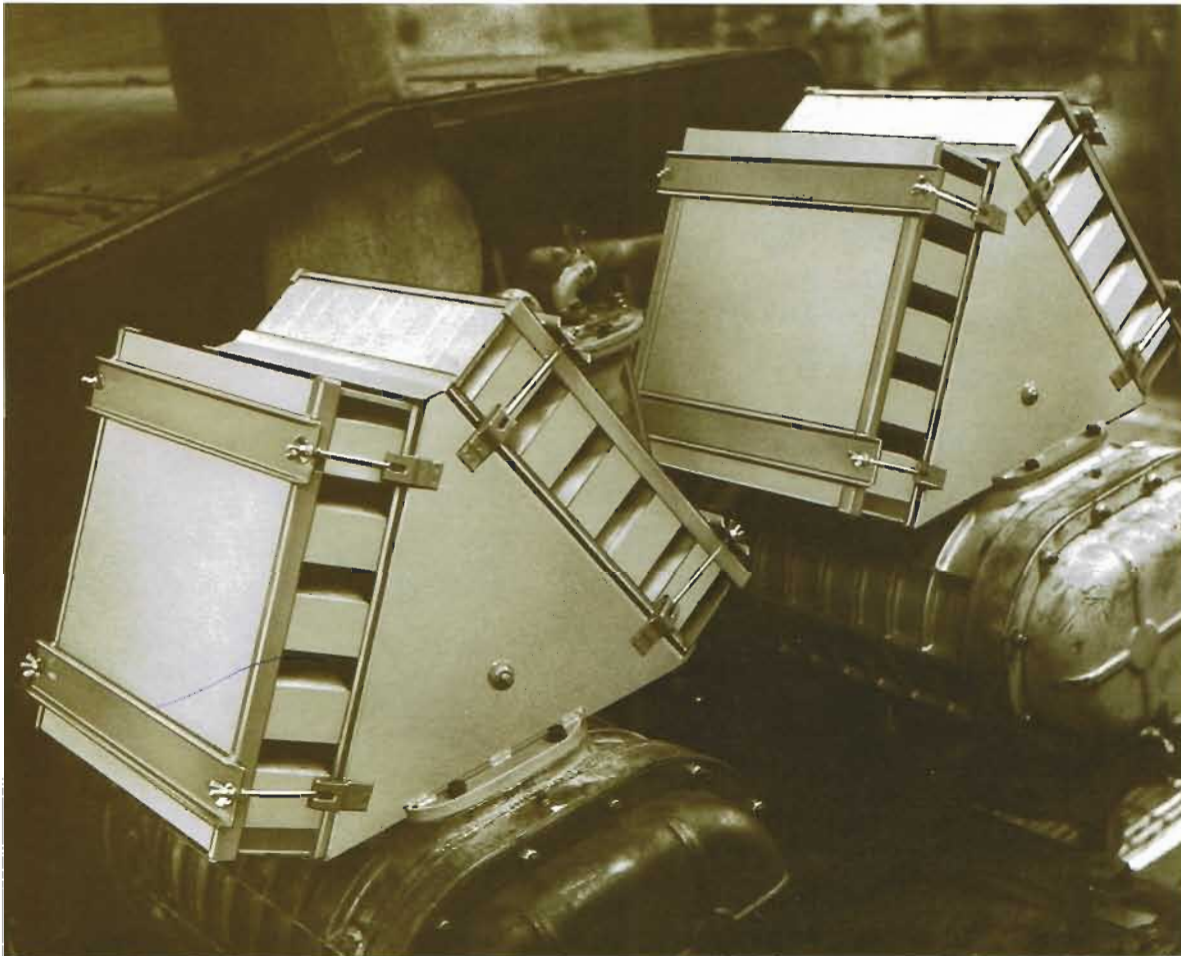
PATENTED BARRIER TYPE FILTER MEDIA OPERATES AT PEAK EFFICIENCY REGARDLESS OF POWER SETTING OR INTAKE VELOCITY. MEDIA IS SET IN THIXOTROPIC THERMOSETTING ADHESIVE.

AIR INTAKES ON TWO SIDES

CORROSION RESISTANT ALL-METAL HOUSING

CONTINUOUS MOLDED ONE PIECE, HALF ROUND GASKET PROVIDES A BETTER SEAL THAN CONVENTIONAL FLAT GASKETS.





*Typical installation on an SW-1500 showing both right and left-hand DEAs mounted directly on the Roots blowers.*

## **Upgrade existing systems... either dry type or oil bath**

Performance and easy servicing make the DynaCell the ideal replacement for panel filters, oil bath filters or glass pad intake filters.

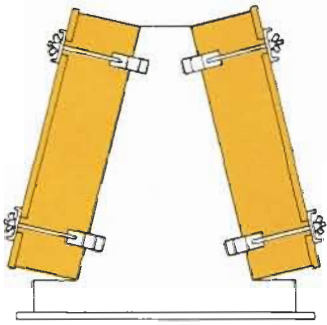
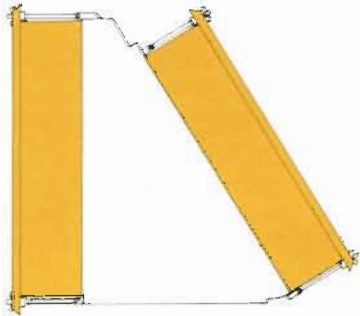
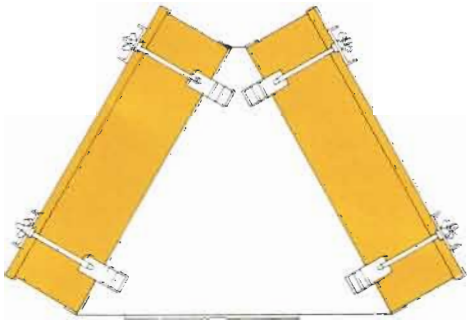
The DynaCell eliminates the chance of engine damaging oil spillover from oil bath filters and the possibility of loose glass fibers being entrained in the intake system.

Converting to DynaCell protection can be done quickly and easily any time the locomotive is in the shop. And once the system is installed, filter replacement is accomplished in a matter of minutes. No special skills or tools are needed...there are just four wing nuts to remove.

## Selecting the correct DynaCell Air Cleaner

Two sizes of air filters are available: the T-520-DR and the extended service life T-529-DR, which is ten inches wider. The larger filter is recommended where dust loads are

exceptionally heavy, or when extended service periods are desirable. The larger filter also has a lower intake restriction with an accompanying improvement in fuel economy.

CONFIGURATION	EMD LOCOMOTIVE	DYNACELL RETROFIT KIT NUMBER	FILTER ELEMENT NUMBER
	<b>SD</b> <b>7, 9 &amp; 18</b> <b>GP</b> <b>7, 9 &amp; 18</b>  <i>ENGINE</i> 16-567B 16-567BC 16-567C	<b>DEA-214</b>	<b>T-520-DR</b>
	<b>SD</b> <b>7, 9 &amp; 18</b>  <i>ENGINE</i> 16-567B 16-567BC 16-567C	<b>DEA-211</b>	<b>T-529-DR</b>
	<b>GP</b> <b>7, 9 &amp; 18</b>  <i>ENGINE</i> 16-567B 16-567BC 16-567C	<b>DEA-221</b>	<b>T-529-DR</b>
	<b>SW-1500</b>  <i>ENGINE</i> 12-645E	<b>DEA-213</b>	<b>T-520-DR</b>
		<b>DEA-212</b>	<b>T-529-DR</b>

## Ordering Information

DYNACELL KIT NUMBER	DESCRIPTION	NUMBER REQUIRED	PART NUMBER		SHIPPING WEIGHT EACH	
			FARR	EMD	LBS.	KG
<b>DEA-211</b>	Adapter, RH	1	60859-2	NEW FARR #11 69507001	65	29.5
	Adapter, LH	1	60859-1	69507002	65	29.5
	Filter Elements	4	60799 ✓	9331454	28	12.7
<b>DEA-221</b>	Adapter, RH	1	69507-2	9331447	66	29.9
	Adapter, LH	1	69507-1	9331446	66	29.9
	Filter Elements	4	60799	9331454	28	12.7
<b>DEA-212</b>	Adapter, RH	1	61330-1	9331448	75	34.0
	Adapter, LH	1	61330-2	9331449	75	34.0
	Filter Elements	4	60799	9331454	28	12.7
<b>DEA-213</b>	Adapter, RH	1	61802-1	9331451	67	30.4
	Adapter, LH	1	61802-2	9331450	67	30.4
	Filter Elements	4	52711	9331452	19	8.6
<b>DEA-214</b>	Adapters	2	61988	9331455	70	31.8
	Filter Elements	4	52711	9331452	19	8.6
For converting earlier Farr DEAs 56-4, 94, 195 and 199 to DynaCell elements.	Rework Kit	1	52905	9331456	26	11.8
	Filter Elements	4	52711	9331452	19	8.6
	Filter Installation Diagram	1	52906	9331453		

When ordering, specify Part Number and quantity of each.



### FARR COMPANY

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Farr Company has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.