

# **Av-Tekk<sup>®</sup>**

*heavy duty bar & plate*



**2011/2012**

*all makes charge-air coolers*

# Av-Tekk Product Guide

## Av-Tekk New Heavy Duty (HD)

Available in many High Volume applications

- High efficiency and durable Bar & Plate Design
- Bar & Plate is a Heavy Duty option compared to Tube & Fin design
- Increases the Life of your charge air cooler
- Eliminates the majority of charge air cooler failures, which occur in the Header Plate and Air Tube.
- Five-Year Warranty - Unlimited Miles



## Av-Tekk New O.E. Style

- For many High Volume Kenworth and Freightliner applications
- No Core Required
- Two-Year Warranty - Unlimited Miles



## Av-Tekk Rebuilt Coolers

- Strengthened Header Plates
- Leak Proof Seams
- Two-Year Warranty – Twice the term of most new OEM replacement coolers
- Significantly Lower Cost



## Quick Check Leak Test Kit



- No other special tools needed
- Quickest and easiest connections available
- Simulates a constant air load for accurate diagnostics
- Fits most charge air cooler connection types
- Relief valve and restraints for safety
- Includes compact carrying case



## Av-Tekk Hose & Clamp Kits

- Order corresponding kit part number to get everything you need to replace ALL hosing for the charge-air cooler.
- Both hoses contained in Kits are hot side compatible.

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**\*For Additional Dimensional Drawings Go to [www.AvTekk.com](http://www.AvTekk.com)**

### OEM Part Number Cross Reference

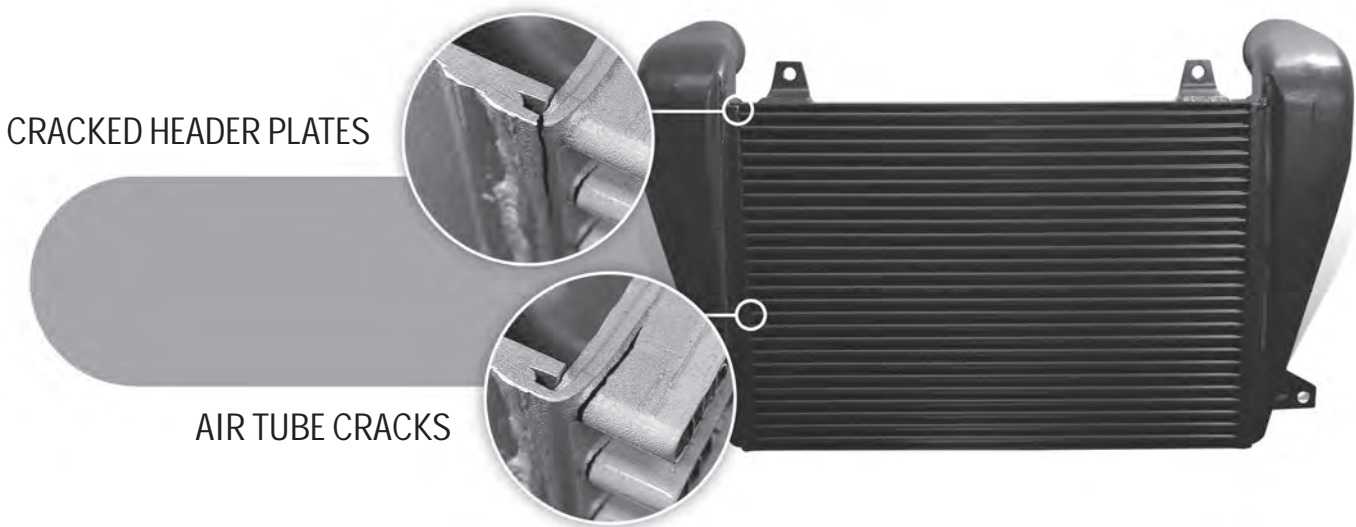
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## Get To Know Your Charge-Air Cooler

Today, charge-air coolers are used on virtually every heavy-duty truck. They are essential to meet engine manufacturers' design objectives for horsepower, fuel economy, and exhaust emissions.

The trend toward smaller sized engines producing higher horsepower places increased stress on critical performance components such as turbochargers and charge-air coolers. Boost pressures have driven cooler inlet temperatures from around 325°F during the 70's and 80's, to over 400°F in later model engines.

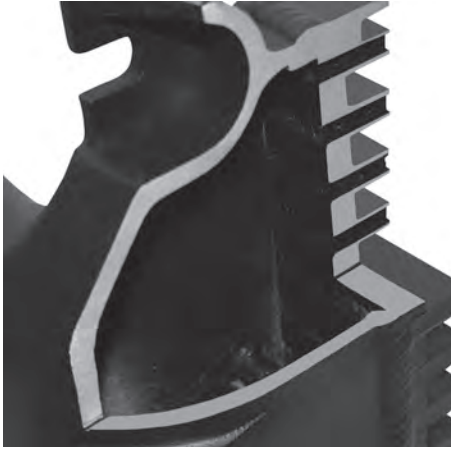
A typical cooler operating with slightly over 400°F inlet temperature will drop the boosted air's temperature to just over 100°F before it enters the engine. This drop of nearly 300°F causes extreme thermal stresses from expansion and contraction of the entire structure. These stresses along with engine load variances and chassis vibrations cause frequent fatigue failures, the majority being cracked header plates and air tubes (see image below).



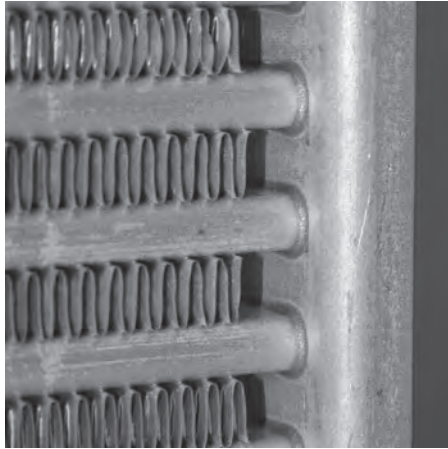
Understanding Your Service Options:		
<b>“FIX AND GO”</b>	<b>“REPLACE &amp; REWELD”</b>	<b>“Av-Tekk NEW &amp; NEW HD”</b>
Putty type fix at a radiator repair shop is not durable and often leads to wasted time and money. It does not strengthen weak areas that will eventually fail when placed back in service.	Complete replacement of the center section or “brick” is good but very expensive and is subject to the quality of the replacement brick	Av-Tekk’s New and New HD units require no core and both offer superior quality and performance. These completely new replacement coolers are available in several high volume applications.
<b>LOW COST/LOW QUALITY</b>	<b>HIGH COST/HIGH QUALITY</b>	<b>LOW COST/HIGH QUALITY</b>
<b>NOT COMMERCIALY ACCEPTABLE!</b>	<b>OK SOLUTION!</b>	<b>BEST SOLUTION!</b>

## Saving Money with Av-Tekk

The Av-Tekk brand means Av-Tekk solutions. Our brand has been revolutionizing the charge-air cooler industry since the very beginning. We have made it our mission to improve the durability and experience of all diesel charge-air coolers. From the introduction of the only FAA approved rebuild process for charge-air coolers, to our amazing Heavy Duty Bar and Plate designs, Av-Tekk is constantly working to improve our brand through the quality of products we provide. Even now when the industry is asking more of its diesel charge-air coolers, Av-Tekk's products stand above the rest.



Av-Tekk NEW HD



Av-Tekk NEW

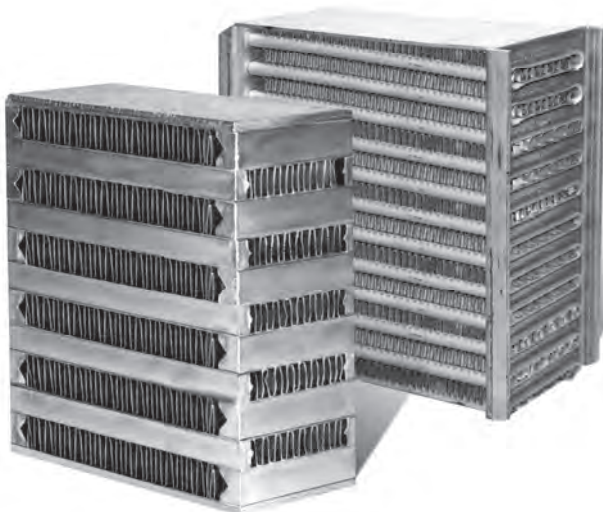


Av-Tekk REBUILT

Av-Tekk brand coolers offer three levels of replacement charge-air coolers with higher end-user value. Our “Heavy-Duty” bar and plate construction, denoted by “HD” on the part number suffix, is the most rugged and durable type of construction and is backed by a 5-year/unlimited mileage warranty. The “HD” coolers are available on most popular applications where experience has shown they are needed.

Av-Tekk brand “New” coolers are exact OEM type replacement units for applications where high failure rates are typically not seen. These OEM type coolers are constructed with the exact same flow capacity and heat rejection capabilities as the OEM units they replace but are backed by Av-Tekk with a 2-year/unlimited mileage warranty.

Av-Tekk also offers its famous “Aviation Remanufactured” coolers that utilize the only FAA approved rebuild procedure for aircraft charge-air coolers. This process is used for older applications where replacement coolers may not be readily available, and are also backed by a 2-year/unlimited mileage warranty.



# Av-Tekk®

Av-Tekk's HD design uses a series of heavy bars and plates to form a stronger cooler and eliminate the header plate and the fragile air tubes permitting the manifolds to be welded directly to the bars in the construction process.

*Industry studies have shown header plate thermal fatigue failures and air tube leaks account for the majority of charge-air cooler failures.*

# quick check

## LEAK TEST KIT

Are you testing coolers to see if they are leaking beyond O.E.M. specifications?



### Quick Check Advantages

- No other special tools needed
- Quickest and easiest connections available
- Simulates a constant air load for accurate diagnostics
- Fits most charge air cooler connection types
- Relief valve and restraints for safety
- Includes compact carrying case

THIS COMPLETE KIT COMES WITH ALL ADAPTERS AND FITTINGS TO TEST ALL TRUCK SIZES, PICKUPS THRU CLASS 8 TRACTORS.

ORDER PART NUMBER A351CAS

For More On Quick Check Leak Test Kit Go Online To: [www.Av-Tekk.com](http://www.Av-Tekk.com)

Av-Tekk's new Test Kit may be used to test the pressure drop of most known sizes of charge-air coolers (CAC).

According to most O.E. Manufacturer's Specifications, charge-air coolers that show a static pressure drop greater than 5 PSI in a 15 second test, beginning at 30 PSI, should be replaced. Av-Tekk's new CAC Test Kit provides tools for you to safely determine whether any CAC passes or fails the manufacturer's test.

#### IMPORTANT!

#### USING HIGH AIR PRESSURES AND LARGE TEST PLUGS MAY PRODUCE DANGEROUS RESULTS!

*Please read the warnings supplied with the test kit before following these instructions.*

The test plugs in this set are heavier duty than most. Notice that each has a thicker washer to prevent cupping when you tighten the test plugs in the opening. They also have 4" long cast handles that permit you to tighten them more easily.

Inspect the inside of the opening and the test plug rubber, to make sure both of these surfaces are clean and dry. Test plugs should be installed flush with the opening and tightened firmly by hand. Install the Test Plug Clamp, positioning it over the handle so the notched portion of the

clamp engages the outside of the inlet/outlet just behind the bead. Hand tighten the long wing bolts equally, and check again to make sure that the notched portion of the clamp is engaged behind the bead at four points. Hand tighten the wing bolts until snug or use an open-end wrench to tighten. Do not over tighten!

*If the cooler has been removed from the vehicle, position it so the open stem is pointing up.* Next, connect the brass tester at the quick disconnect side. This tester is equipped with a pop-off safety valve that has been preset to 35 lbs maximum pressure. **DO NOT CHANGE THIS SETTING OR TAMPER WITH THIS DEVICE IN ANY MANNER.**

Keep this safety valve clean and dry. Check it occasionally to make sure that it releases pressure at the 35 lbs setting. Replacement safety valves and other parts are available if ever needed.

After checking to make sure everything is properly secured, introduce air through the air stem using a common tire chuck. Increase the air pressure to precisely 30 PSI and then measure the pressure drop, if any, for a period of 15 seconds.

As soon as you have finished testing the charge-air cooler, return all parts of this set to the plastic case provided, and close it to keep them clean and dry for their next use.

# hose & clamp kits

from Av-Tekk



These complete kits have both hoses and clamps to replace ALL hosing from charge-air cooler inlet and outlet.

Both hoses contained in the Av-Tekk Hose and Clamp Kits are hot side compatible.

Now order one part number to get everything you need to replace ALL hosing for the charge-air cooler.

## Av-Tekk Hose & Clamp Kits

Part no.	Inlet size	Outlet size
14000	4"	4"
24045	4½"	4"
33375	3¾"	3¾"
43500	3½"	3½"
53875	3⅞"	3⅞"
63000	3"	3"
74500	4½"	4½"
83037	3"	3¾"
93040	4"	3"
10250	2½"	2½"
11334	3¾"	3¾"
12278	2⅞"	2⅞"
13358	3½"	3⅞"
14318	3⅞"	3⅞"
15316	3⅛"	3⅛"
16278	3½"	2⅞"

## Av-Tekk Individual Hoses and Clamps

Av-Tekk Hose Part no.	Hose Size
463-2500-6	2½" x 6"
463-2875-6	2⅞" x 6"
463-3000-6	3" x 6"
463-3125-6	3⅞" x 6"
463-3375-6	3⅞" x 6"
463-3500-6	3½" x 6"
463-3687-6	3⅛" x 6"
463-3750-6	3¾" x 6"
463-3875-6	3⅞" x 6"
463-3937-6	3⅛" x 6"
463-4000-6	4" x 6"
463-4000-8	4" x 8"
463-4500-6	4½" x 6"
463-4500-8	4½" x 8"

## Av-Tekk Clamp

Part no.	Clamp Size
B9226-0256B	2½"
B9226-0306B	3"
B9226-0356B	3½"
B9226-0406B	4"
B9226-0456B	4½"

To determine corresponding Hose and Clamp kit for your cooler, see dimensional drawing section of this catalog.

## OEM PART NUMBER CROSS REFERENCE

ADVANCE MIXER		FORD (cont.)		FORD (cont.)	
OEM Part #	Av-Tekk Part #	OEM Part #	Av-Tekk Part #	OEM Part #	Av-Tekk Part #
00D00412301	AM-2A NEW HD	0447552L	FD-25F NEW HD	1E 3526	FD-25B NEW HD
083441231	AM-2A NEW HD	047237L	FD-25N NEW	1E 3528	FD-25B NEW HD
083441411	AM-2A NEW HD	100327	FD-25F NEW HD	1E 3539	FD-25A NEW HD
0834411411	AM-2A NEW HD	1003241	FD-25F NEW HD	1E 3708	FD-25A NEW HD
35D00412301	AM-2A NEW HD	1003251	FD-25F NEW HD	1E 3709	FD-25A NEW HD
843004123	AM-2A NEW HD	1003254	FD-25F NEW HD	1E 3710	FD-25A NEW HD
84304123-1	AM-2A NEW HD	1003265	FD-25F NEW HD	1E 3712	FD-25A NEW HD
843041230	AM-2A NEW HD	1003271	FD-25F NEW HD	1E 3716	FD-25B NEW HD
8430412203	AM-2A NEW HD	1003273	FD-25F NEW HD	1E 3717	FD-25B NEW HD
8430412301	AM-2A NEW HD	1003274	FD-25F NEW HD	200500	FD-25A NEW HD
NX4123-1 CAC	AM-2A NEW HD	1003275	FD-25A NEW HD	200520	FD-25A NEW HD
		1003281	FD-25F NEW HD	200521	FD-25A NEW HD
		1003304	FD-25G NEW HD	200597	FD-25A NEW HD
		1003306	FD-25G NEW HD	202800	FD-25B NEW HD
		1003371	FD-25F NEW HD	202821	FD-25B NEW HD
		1003372	FD-25F NEW HD	202820	FD-25B NEW HD
		1003373	FD-25F NEW HD	28013716	FD-25A NEW HD
		1030080	FD-25F NEW HD	85103368	FD-25A NEW HD
		1030097	FD-25O NEW	85103369	FD-25F NEW HD
		1030098	FD-25N NEW	EDE8HT6K775EC	FD-25B NEW HD
		1030100	FD-25L NEW	E7HZ6K775D	FD-25B NEW HD
		1030104	FD-25G NEW HD	E8HT14A284AC	FD-25A NEW HD
		1030112	FD-25F NEW HD	E8HT6K775	FD-25B NEW HD
		1030113	FD-25F NEW HD	E8HT6K775AB	FD-25A NEW HD
		1030128	FD-25N NEW	E8HT6K775AG	FD-25A NEW HD
		1030133	FD-25N2 NEW	E8HT6K775ED	FD-25B NEW HD
		1030161	FD-25N2 NEW	E8HZ6K775G	FD-25B NEW HD
		1030226	FD-25O NEW	E8HZ6K775H	FD-25A NEW HD
		1030227	FD-25N NEW	E8HZ6K775J	FD-25B NEW HD
		1030245	FD-25N2 NEW	E9HZ6K775C	FD-25A NEW HD
		1030247	FD-25O NEW	E9HZ6K775G	FD-25A NEW HD
		1030249	FD-25N2 NEW	EDE8HT6K775AE	FD-25A NEW HD
		1040001	FD-25O NEW	EDE8HT6K775AF	FD-25A NEW HD
		1040001M	FD-25O NEW	EDE8HT6K775EC	FD-25B NEW HD
		1040002	FD-25N NEW	FDHZ6K775A	FD-25A NEW HD
		1040003	FD-25N NEW	F0HT6K775CA	FD-25A NEW HD
		1040014	FD-25L NEW	F0HT6K775EA	FD-25B NEW HD
		1040016	FD-25L NEW	F0HT6K775EB	FD-25B NEW HD
		1040022	FD-25L NEW	F0HZ6K775A	FD-25A NEW HD
		1040023	FD-25L NEW	F0HZ6K775AC	FD-25A NEW HD
		1040024	FD-25N NEW	F0HZ6K775D	FD-25B NEW HD
		1040025	FD-25N NEW	F1HZ6K775B	FD-25A NEW HD
		1040040	FD-25N2 NEW	F1HZ6K775D	FD-25A NEW HD
		1040050	FD-25G NEW HD	F1HZ6K775E	FD-25A NEW HD
		1040063	FD-25N NEW	F2HX6K775B	FD-25A NEW HD
		1040111	FD-25N NEW	F2HZ6K775B	FD-25F NEW HD
		1040135	FD-25L NEW	F3HT8009NA	FD-25A NEW HD
		1040142	FD-25N NEW	F3HZ6K775J	FD-25B NEW HD
		1040145	FD-25O NEW	F4HT8009AB	FD-25F NEW HD
		1050001	FD-25L NEW	F4HT8009AAA	FD-25F NEW HD
		1050014	FD-25L NEW	F4HT8009AC	FD-25F NEW HD
		1050040	FD-25L NEW	F4HT8009AEA	FD-25F NEW HD
		1050052	FD-25N NEW	F4HT8009ARA	FD-25L NEW
		1050053	FD-25N NEW	F4HT8009BB	FD-25F NEW HD
		1050056	FD-25O NEW	F4HT8009CB	FD-25F NEW HD
		1050063	FD-25L NEW	F4HT8009CB-039347L	FD-25F NEW HD
		1050069	FD-25O NEW	F4HT8009CC	FD-25F NEW HD
		160327	FD-25F NEW HD	F4HT8009DD	FD-25F NEW HD
		1E 3246	FD-25A NEW HD	F4HT8009MB	FD-25F NEW HD
		1E 3248	FD-25B NEW HD	F4HT8009MC	FD-25F NEW HD
		1E 3396	FD-25A NEW HD	F4HT8009TB	FD-25G NEW HD
		1E 3436	FD-25A NEW HD	F4HT8009TD	FD-25G NEW HD
		1E 3507	FD-25A NEW HD	F4HT8009UD	FD-25G NEW HD

### BLUE BIRD

OEM Part #	Av-Tekk Part #
1030010	NV-8A NEW HD
1030020	NV-8A NEW HD
1030068	NV-8B NEW
123-6645	NV-8A NEW HD
1453232	NV-8A NEW HD
271-1453232	NV-8A NEW HD
271-1486943	NV-8C NEW HD
271-1536499	NV-8B NEW

### CHEVROLET/GMC/GENERAL

OEM Part #	Av-Tekk Part #
1030042	CG-65A NEW
1030109	CG-65C NEW
1030184	CG-65C NEW
1030187	CG-65C NEW
1030188	CG-65A NEW
15029270	CG-65C NEW
15149316	CG-65C NEW
15741292	CG-65A NEW
15982676	CG-65C NEW
52453119	CG-65A NEW

### CHEVY/GMC/GM (cont.)

OEM Part #	Av-Tekk Part #
69594	NV-8A NEW HD
817120	CG-65A NEW
91110101	CG-65A NEW
97071601	CG-65A NEW

### DODGE TRUCK

OEM Part #	Av-Tekk Part #
1030182	DG-70B NEW
222006	DG-70B NEW
52027562	DG-70B NEW
52028724	DG-70B NEW
52028724AC	DG-70B NEW
817151	DG-70B NEW
83403D	DG-70B NEW

### FLEXLINER

OEM Part #	Av-Tekk Part #
1E4031	FLE-190B NEW HD

### FORD/STERLING

OEM Part #	Av-Tekk Part #
007905L	FD-25L NEW
011288L	FD-25F NEW HD
016444L	FD-25F NEW HD
0326132	FD-25L NEW

**OEM PART NUMBER CROSS REFERENCE**

<b>FORD (cont.)</b>		<b>FREIGHTLINER</b>		<b>FREIGHTLINER (cont.)</b>	
<b>OEM Part #</b>	<b>Av-Tekk Part #</b>	<b>OEM Part #</b>	<b>Av-Tekk Part #</b>	<b>OEM Part #</b>	<b>Av-Tekk Part #</b>
F4HZ6K775A	FD-25F NEW HD	0-23132-000	FL-2C NEW HD	2AA00038	FL-5E NEW
F4HZ6K775B	FD-25F NEW HD	01-21388	FL-2A NEW HD	2AA00063	FL-5G NEW
F4HZ6K775E	FD-25F NEW HD	01-21388-000	FL-2A NEW HD	2AA00079	FL-5E NEW
F4HZ6K775F	FD-25G NEW HD	01-21388-001	FL-2A NEW HD	2AA00084	FL-5E NEW
F4HZ6K775GA	FD-25N NEW	01-21388-002	FL-2A NEW HD	2AA00105	FL-5J NEW
F5HT8009ABA	FD-25F NEW HD	01-22901-000	FL-5L NEW HD	2AA00106	FL-5M NEW
F5HT8009ADA	FD-25F NEW HD	01-22951-000	FL-5L NEW HD	2AA00110	FL-5N NEW
F5HT8009AFA	FD-25F NEW HD	01-23132-000	FL-2C NEW HD	2AA00111	FL-5L NEW HD
F5HT8009LA	FD-25F NEW HD	01-23132-001	FL-2C NEW HD	2AA00126	FL-5J NEW
F5HT8009MA	FD-25F NEW HD	01-23205-000	FL-2A NEW HD	2AH00062	FL-5L NEW HD
F5HT8009NA	FD-25F NEW HD	01-23330-000	FL-5G NEW	485000-1	FL-2A NEW HD
F5HT8009RA	FD-25F NEW HD	01-23330-002	FL-5J NEW	485000-0001	FL-2A NEW HD
F5HT8009UA	FD-25F NEW HD	01-23547-000	FL-2C NEW HD	485420-1	FL-2A NEW HD
F5HT8009YB	FD-25G NEW HD	01-28051-000	FL-5L NEW HD	485420-0001	FL-2A NEW HD
F5HT8009ZB	FD-25G NEW HD	01-31241-000	FL-3F NEW HD	485420-0002	FL-2A NEW HD
F6HS8009BA	FD-25F NEW HD	12120234	FL-2C NEW HD	485420-0001	FL-2A NEW HD
F6HS8009BA	FD-25F NEW HD	12120234	FL-2C NEW HD	485420-0002	FL-2A NEW HD
F6HS8009DA	FD-25G NEW HD	1AA00111	FL-5L NEW HD	485420-5001	FL-2A NEW HD
F6HT8009AD	FD-25L NEW	1AA00111S	FL-5L NEW HD	485420-5002	FL-2A NEW HD
F6HT8009AKD	FD-25L NEW	1E6017	FL-5L2 NEW HD	485612-0001	FL-2C NEW HD
F6HT8009BB	FD-25N2 NEW	1SA00102-SYS	FL-5E NEW	485612-5001	FL-2C NEW HD
F6HT8009BD	FD-25N2 NEW	1SA00103	FL-5E NEW	485612-5002	FL-2C NEW HD
F6HT8009CB	FD-25N2 NEW	1SA00103-SYS	FL-5E NEW	485734-0001	FL-2A NEW HD
F6HT8009DA	FD-25G NEW HD	1SA00103R	FL-5E NEW	485734-5001	FL-2A NEW HD
F6HT8009EE	FD-25N NEW	1SA00105R	FL-5E NEW	485800-0001	FL-5A NEW HD
F6HT8009HE	FD-25O NEW	1SA00156	FL-5G NEW	485800-0002	FL-5A NEW HD
F6HT8009KE	FD-25N NEW	1SA00156R	FL-5G NEW	485800-0003	FL-5A NEW HD
F6HZ6K775A	FD-25F NEW HD	1SA00177R	FL-5E NEW	485800-0007	FL-5A NEW HD
F6HZ6K775FA	FD-25N2 NEW	1SA00179R	FL-5E NEW	485800-5002	FL-5A NEW HD
F6HZ6K775GA	FD-25N NEW	1SA00180R	FL-5E NEW	485800-5003	FL-5A NEW HD
F6HZ6K775HA	FD-25N NEW	1SA00192R	FL-5E NEW	4859600-0001	FL-5L NEW HD
F6HZ6K775JA	FD-25O NEW	1SA00201R	FL-5G NEW	4859600-5001	FL-5L NEW HD
F6HZ80009CB	FD-25F NEW HD	1SA00207R	FL-5L NEW HD	486390-0001	FL-2C NEW HD
F7HT8009ATA	FD-25L NEW	1SA00209R	FL-5L NEW HD	486390-5001	FL-2C NEW HD
F7HT8009BCA	FD-25L NEW	1SA00210R	FL-5N NEW	59279	FL-5L2 NEW HD
F7HT8009FB	FD-25L NEW	1SA00211R	FL-5L NEW HD	61776	FL-5E NEW
F7HT8009EB	FD-25L NEW	1SA00211S	FL-5J NEW	61777	FL-5E NEW
F7HT80095C	FD-25N NEW	1SA00229R	FL-5J NEW	67007	FL-5E NEW
F7HZ9008BNA	FD-25L NEW	1SA00230R	FL-5J NEW	680-501-03-01	FL-5E NEW
F86309	FD-25L NEW	1SA00232R	FL-5M NEW	680-501-04-01	FL-5A NEW HD
F8HS8009AA	FD-25L NEW	1SA00234R	FL-5J NEW	680-501-07-01	FL-5E NEW
F8HS8009AB	FD-25L NEW	1SA00236R	FL-5J NEW	680-501-08-01	FL-5A NEW HD
F8HT8009ABA	FD-25N NEW	1SA00274R	FL-5J NEW	681-501-04-01	FL-2A NEW HD
F8HT8009ACA	FD-25N NEW	1SA00275R	FL-5J NEW	680-501-10-01	FL-5E NEW
F8HT8009BA	FD-25L NEW	1SA00278R	FL-5J NEW	681-501-11-01	FL-5E NEW
F8HT8009CA	FD-25L NEW	1SA00279R	FL-5J NEW	68924	FL-5L NEW HD
F8HT8009EA	FD-25N2 NEW	1SA00280R	FL-5J NEW	72101	FL-5L NEW HD
F8HT8009FA	FD-25N2 NEW	1SA00282	FL-5J NEW	72102	FL-5L NEW HD
F8HT8009HA	FD-25O NEW	1SA00283R	FL-5J NEW	72104	FL-5L NEW HD
F8HT8009GA	FD-25N NEW	1SA00283S	FL-5J NEW	72105	FL-5L NEW HD
F8HT8009JA	FD-25N NEW	1SA00284S	FL-5J NEW	79225	FL-5E NEW
F8HT8009YB	FD-25G NEW HD	1SA00284R	FL-5J NEW	85103364	FL-2C NEW HD
F9HZ6K775G	FD-25A NEW HD	1SA00285R	FL-5J NEW	85103365	FL-2A NEW HD
M64288	FD-25N NEW	1SA00286R	FL-5J NEW	85103366	FL-5L NEW HD
VAB1020226	FD-25O NEW	1SA00287R	FL-5J NEW	85107507	FL-5L NEW HD
VAB1030226	FD-25O NEW	1SA00305R	FL-5M NEW	A05-16059-000	FL-5E NEW
VAB1030227	FD-25N NEW	1SA001788	FL-5E NEW	A05-16059-001	FL-5E NEW
VAL1040001	FD-25O NEW	200-17V9728	FL-2A NEW HD	A05-16059-003	FL-5G NEW
VAL1040111	FD-25N NEW	201-17V9729	FL-2C NEW HD	A05-16059-007	FL-5E NEW
VAL1040135	FD-25L NEW	2A00063	FL-5G NEW	A05-16061-001	FL-5E NEW
VAL1040142	FD-25N NEW	2AA00035	FL-5E NEW	A05-16910-001	FL-5E NEW
VAL1050053	FD-25N NEW	2AA00035CAC	FL-5E NEW	A05-16910-003	FL-5E NEW



## OEM PART NUMBER CROSS REFERENCE

### KENWORTH (cont.)

OEM Part #	Av-Tekk Part #
1E 5163	KW-12B NEW HD
1S 5163	KW-12B NEW HD
441105	KW-10B NEW HD
486090-0003	KW-10B NEW HD
486090-0004	KW-10B NEW HD
486090-0006	KW-10B NEW HD
486090-00032	KW-10B NEW HD
486090-5003	KW-10B NEW HD
486090-5004	KW-10B NEW HD
486090-5006	KW-10B NEW HD
486130-0002	KW-13C NEW HD
486130-5002	KW-13C NEW HD
486190-0002	KW-12B NEW HD
486190-0003	KW-12B NEW HD
486190-0005	KW-12B NEW HD
486190-5002	KW-12B NEW HD
486190-5003	KW-12B NEW HD
486190-5005	KW-12B NEW HD
486230-0002	KW-13G NEW
486340-0001	KW-13D NEW HD
486340-5001	KW-13D NEW HD
487080-0001	KW-13E NEW HD
487080-5001	KW-13E NEW HD
487090-5004	KW-10B NEW HD
486270-0004	KW-13G NEW
486340-5001	KW-13D NEW HD
488090-5004	KW-10B NEW HD
488280-0002	KW-13G NEW
702714000	KW-13C NEW HD
7027140001	KW-13C NEW HD
751761-0001	KW-13E NEW HD
85103370	KW-10B NEW HD
85103371	KW-12B NEW HD
85103373	KW-13G NEW
D4600-1109	KW-10B NEW HD
D4600-1122	KW-12B NEW HD
D4600-1135	KW-13C NEW HD
F31-1035	KW-12B NEW HD
F31-1036	KW-10B NEW HD
F31-1135	KW-13C NEW HD
K093-13	KW-10B NEW HD
K093-62	KW-10B NEW HD
K093-63	KW-10B NEW HD
K093-63B	KW-10B NEW HD
K093-63C	KW-10B NEW HD
K093-63E	KW-10B NEW HD
K093-64	KW-12B NEW HD
K093-64C	KW-12B NEW HD
K093-64D	KW-12B NEW HD
K093-64B	KW-12B NEW HD
K093-69	KW-13C NEW HD
K093-72	KW-13D NEW HD
K093-77	KW-13G NEW
KW-10A	KW-10B NEW HD

### MACK

OEM Part #	Av-Tekk Part #
1030091	MK-18F NEW HD
1030105	MK-14E NEW HD
1030120	MK-15A NEW HD
1030146	MK-14E NEW HD
1030151	MK-14E NEW HD

### MACK (cont.)

OEM Part #	Av-Tekk Part #
1030160	MK-14E NEW HD
1030170	MK-18E5 NEW HD
1030195	MK-18L NEW
1030291	MK-18R NEW HD
1030291-A	MK-18R NEW HD
1E 2787D	MK-17A NEW HD
1E 3022	MK-17A NEW HD
1E 3085	MK-17A NEW HD
1E 3170	MK-18A NEW HD
1E 3194	MK-17A NEW HD
1E 3194D	MK-17A NEW HD
1E 3394	MK-18A NEW HD
1E 3349	MK-18A NEW HD
1E 3395	MK-17A NEW HD
1E 3408	MK-17A NEW HD
1E 3515	MK-18A NEW HD
1E 3524	MK-17A NEW HD
1E 3525	MK-17A NEW HD
1E 3589	MK-17A NEW HD
1E 4014	MK-17A NEW HD
204SX273	MK-14E NEW HD
204SX278	MK-15A NEW HD
3MD13	MK-17A NEW HD
3MD13A	MK-17A NEW HD
3MD13AC	MK-17A NEW HD
3MD13AM	MK-17A NEW HD
3MD16MA	MK-18A NEW HD
3MD39402M	MK-14E NEW HD
3MD51	MK-17A NEW HD
3MD51B	MK-17A NEW HD
3MD511A	MK-18N NEW HD
3MD511CP2	MK-18F NEW HD
3MD512	MK-18B NEW
3MD516AM	MK-18A NEW HD
3MD516BM	MK-18A NEW HD
3MD516M	MK-18A NEW HD
3MD519	MK-18B NEW
3MD519A	MK-18B NEW
3MD527	MK-15A NEW HD
3MD527A	MK-15A NEW HD
3MD53	MK-17A NEW HD
3MD53B	MK-17A NEW HD
3MD531	MK-18E4 NEW HD
3MD532AM	MK-18F NEW HD
3MD532M	MK-18F NEW HD
3MD534AM	MK-14E NEW HD
3MD534M	MK-14E NEW HD
3MD535AM	MK-14E NEW HD
3MD536M	MK-14E NEW HD
3MD537M	MK-14E NEW HD
3MD538	MK-15A NEW HD
3MD538A	MK-15A NEW HD
3MD539	MK-18E5 NEW HD
3MD54	MK-15A NEW HD
3MD541AM	MK-18L NEW
3MD545M	MK-18R NEW HD
3MD545AM	MK-18R NEW HD
3MD53	MK-17A NEW HD
3MD632AM	MK-18F NEW HD
3MD634M	MK-14E NEW HD
464420-2	MK-17A NEW HD
464420-8	MK-17A NEW HD

### MACK (cont.)

OEM Part #	Av-Tekk Part #
464420-0002	MK 17A NEW HD
464420-0008	MK 17A NEW HD
484390-5001	MK-15A NEW HD
484754-0001	MK-15A NEW HD
485390-0001	MK-15A NEW HD
485390-0002	MK-15A NEW HD
485390-1	MK-15A NEW HD
485390-5002	MK-15A NEW HD
491720-4	MK-17A NEW HD
493334-0002	MK-18N NEW HD
493740-1	MK-18B NEW
493740-5001	MK-18B NEW
493740-5002	MK-18B NEW
493740-5004	MK-18B NEW
491720-0004	MK-17A NEW HD
493740-0001	MK-18B NEW
493740-0002	MK-18B NEW
493740-0004	MK-18B NEW
493750-0001	MK-18I NEW
53-25249-000	MK-17A NEW HD
53-29004-000	MK-17A NEW HD
817131	MK-18F NEW HD
817165	MK-18E4 NEW HD
84304123	AM-2A NEW HD
84304123-1	AM-2A NEW HD
843041230	AM-2A NEW HD
8430412301	AM-2A NEW HD
MK-18A RC	MK-18A NEW HD

### MARMON MOTORS

OEM Part #	Av-Tekk Part #
0141-00126-001	MK-14B NEW HD
0140-00177-001	WGM-31A NEW HD
1030031	WGM-31A NEW HD
1030047	MK-14B NEW HD
1030054	WGM-31A NEW HD

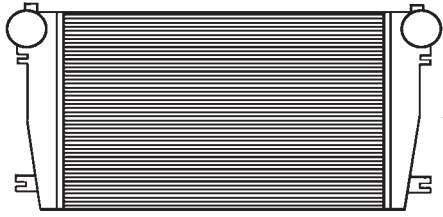
### PETERBILT

OEM Part #	Av-Tekk Part #
1502AB	PB-20B NEW HD
331009	PB-20B NEW HD
85103376	PB-20B NEW HD
85103377	PB-22A NEW HD
1E 3012	PB-22A NEW HD
1E 3012G	PB-22A NEW HD
1E 3018	PB-22A NEW HD
1E 3267	PB-22A NEW HD
1E 3267G	PB-22A NEW HD
1E 3293	PB-22A NEW HD
1E 3316	PB-20B NEW HD
1E 3390	PB-22A NEW HD
1E 3445	PB-23A NEW HD
1E 3447	PB-22A NEW HD
1E 3484	PB-22A NEW HD
1E 3543	PB-23A NEW HD
1E 3816	PB-20B NEW HD
1E 4580	PB-20D NEW
1E 4836	PB-22A NEW HD
1E 4955	PB-20D NEW
1E 5634	PB-20D NEW
1E 5635	PB-20B NEW HD
3E 7747	PB-20B NEW HD

**OEM PART NUMBER CROSS REFERENCE**

<b>PETERBILT (cont.)</b>		<b>VOLVO/ GMC/ WHITE (cont.)</b>		<b>WESTERN STAR</b>	
<b>OEM Part #</b>	<b>Av-Tekk Part #</b>	<b>OEM Part #</b>	<b>Av-Tekk Part #</b>	<b>OEM Part #</b>	<b>Av-Tekk Part #</b>
05-14968	PB-22A NEW HD	2901-3211	WGM-31B NEW HD	02227-3409	WS-35C NEW HD
05-16673L	PB-22A NEW HD	2901-3213	WGM-31B NEW HD	05-21206-000	WS-35E NEW HD
05-16674	PB-22A NEW HD	3086342	WGM-30G NEW HD	1E 3022	MK-17A NEW HD
05-16673R	PB-22A NEW HD	3183920	WGM-30E NEW HD	1E 3153	WS-35A NEW HD
05-16676L	PB-22A NEW HD	3935364	WGM-31M NEW HD	1E 3194	MK-17A NEW HD
05-16904	PB-22A NEW HD	3970775	WGM-30C NEW HD	1E 3406	WS-35A NEW HD
05-17337	PB-23A NEW HD	3970777	WGM-30E NEW HD	1E 3522	WS-35A NEW HD
05-17629	PB-23A NEW HD	3970779	WGM-30E NEW HD	1E 3903	WS-35C NEW HD
05-17631	PB-22A NEW HD	718-FF1	WGM-31B NEW HD	1E 3914	WS-35C NEW HD
05-18005	PB-23B NEW HD	8064563	WGM-31A NEW HD	1E 4873	WS-35E NEW HD
05-18731	PB-20B NEW HD	8081130	WGM-30C NEW HD	1E 4873D	WS-35E NEW HD
23-12444	PB-22A NEW HD	80113572	WGM-30E NEW HD	1E 4893	WS-35E NEW HD
F31-6011	PB-20B NEW HD	80117125	WGM-30E NEW HD	1E 5491	WS-35E NEW HD
F31-6049	PB-20B NEW HD	8113572	WGM-30E NEW HD	1S 3903	WS-35C NEW HD
F41 9078	PB-20B NEW HD	8113574	WGM-30E NEW HD	2227-3404	WS-35A NEW HD
		8149362	WGM-30C NEW HD	2227-3406	WS-35A NEW HD
		8149562	WGM-30E NEW HD	2227-3409	WS-35C NEW HD
		817121	WGM-31B NEW HD	2227-3411	WS-35C NEW HD
		817123	WGM-31A NEW HD	2227-3406	WS-35A NEW HD
		817135	WGM-31A NEW HD	2227-3409	WS-35C NEW HD
		817138	WGM-31M NEW HD	2227-3411	WS-35C NEW HD
		817139	WGM-31H NEW	2227-3416	WS-35E NEW HD
		817140	WGM-30M NEW HD	3B1011	WS-35A NEW HD
		8174965	WGM-31A NEW HD	3MD13A	MK-17A NEW HD
		8178965	WGM-31A NEW HD	3MD51B	MK-17A NEW HD
		8178993	WGM-30M NEW HD	491720-4	MK-17A NEW HD
		8179101	WGM-30M NEW HD	491720-0004	MK-17A NEW HD
		8180873	WGM-31M NEW HD	85103384	WS-35C NEW HD
		85000234	WGM-30E NEW HD	85103385	WS-35A NEW HD
		85103378	WGM-30C NEW HD	A05-22960-000	WS-35E NEW HD
		85103379	WGM-31A NEW HD		
		85103380	WGM-31M NEW HD		
		85103383	WGM-30E NEW HD		
		85103382	WGM-31B NEW HD		
		97031701	WGM-30C NEW HD		
		97081101	WGM-30C NEW HD		
		98011901	WGM-30C NEW HD		
		99121401	WGM-30C NEW HD		

## ADVANCE MIXER



### AM-2A NEW HD

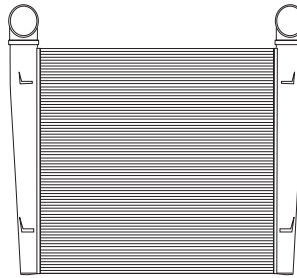
Note: Use for AM-1A

Core size: 31 1/4" x 25 7/8"

Inlet conn: 4" O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



### AM-4A NEW HD

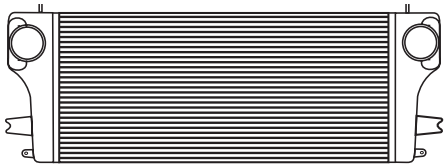
Core size: 33" x 23 1/2"

Inlet conn: 4" O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*

## DODGE TRUCK



### DG-70B NEW

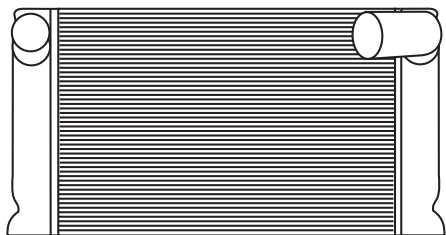
Core size: 35 13/16" x 15 5/8"

Inlet conn: 3 3/4" O.D.

Outlet conn: 3 3/4" O.D.

*Use with Hose & Clamp  
Kit 11334*

## FLEXLINER



### FLE-190B NEW HD

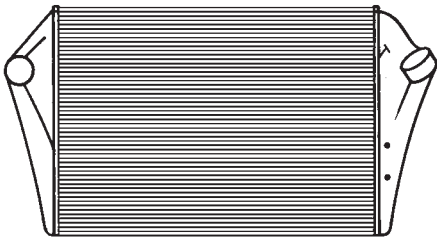
Core size: 25 1/4" x 20 5/16"

Inlet conn: 4" O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*

## FORD



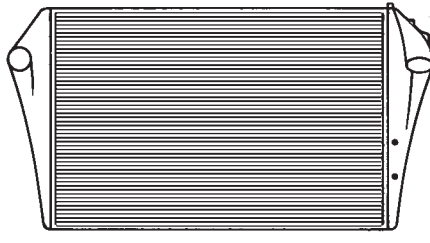
### FD-25A NEW HD

Core size: 39  $\frac{3}{8}$ " x 27  $\frac{1}{8}$ "

Inlet conn: 4  $\frac{1}{2}$ " O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 24045*



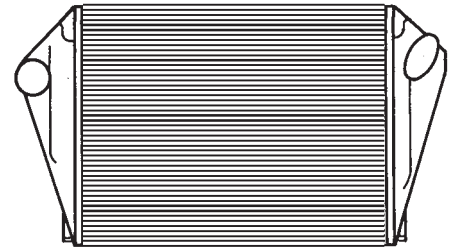
### FD-25B NEW HD

Core size: 39  $\frac{3}{8}$ " x 27  $\frac{1}{8}$ "

Inlet conn: 3" O.D.

Outlet conn: 3" O.D.

*Use with Hose & Clamp  
Kit 63000*



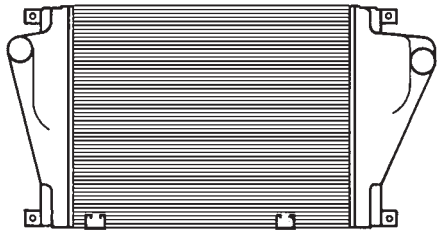
### FD-25F NEW HD

Core size: 35  $\frac{3}{8}$ " x 27  $\frac{1}{4}$ "

Inlet conn: 4  $\frac{1}{2}$ " O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 24045*



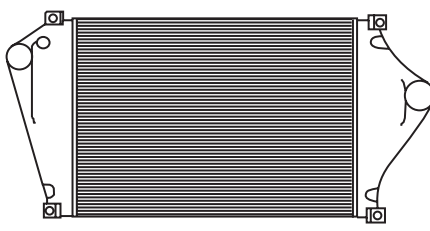
### FD-25G NEW HD

Core size: 32  $\frac{3}{8}$ " x 25  $\frac{1}{2}$ "

Inlet conn: 3  $\frac{1}{2}$ " O.D.

Outlet conn: 3" O.D.

*Use with Hose & Clamp  
Kit 83037*



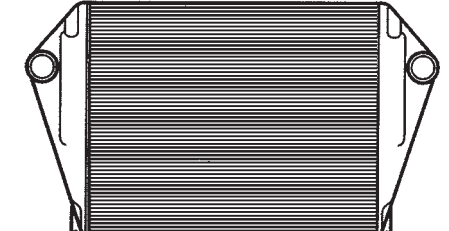
### FD-25L NEW

Core size: 32  $\frac{1}{4}$ " x 23  $\frac{5}{8}$ "

Inlet conn: 3  $\frac{1}{2}$ " O.D.

Outlet conn: 3  $\frac{1}{8}$ " O.D.

*Use with Hose & Clamp  
Kit 13358*



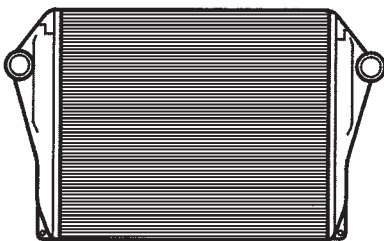
### FD-25N NEW

Core size: 35  $\frac{1}{4}$ " x 27  $\frac{2}{7}$ "

Inlet conn: 4  $\frac{1}{2}$ " O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 24045*



### FD-25O NEW

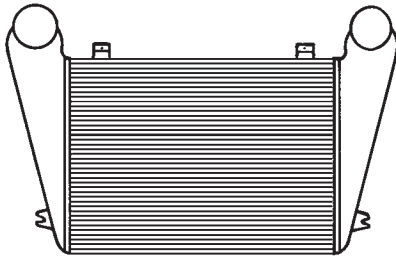
Core size: 35  $\frac{1}{4}$ " x 33  $\frac{1}{2}$ "

Inlet conn: 4  $\frac{1}{2}$ " O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 24045*

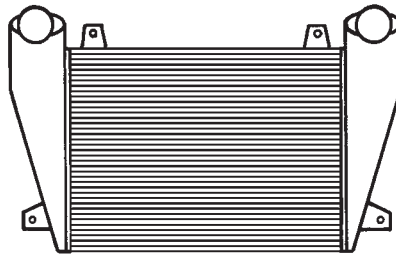
## FREIGHTLINER



### FL-2A NEW HD

Core size: 30  $\frac{3}{4}$ " x 21  $\frac{1}{8}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

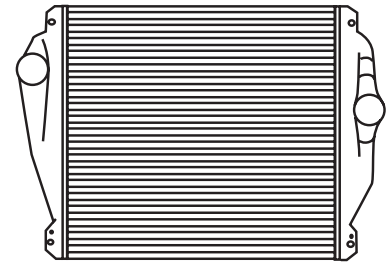
*Use with Hose & Clamp  
 Kit 14000*



### FL-2C NEW HD

**Note: Use for FL-2D**  
 Core size: 29  $\frac{7}{8}$ " x 21  $\frac{1}{16}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

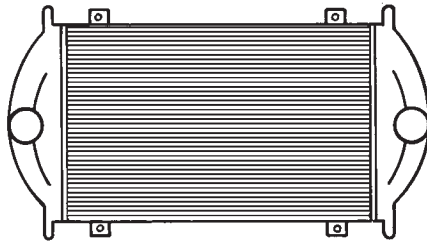
*Use with Hose & Clamp  
 Kit 14000*



### FL-3F NEW HD

Core size: 34  $\frac{1}{16}$ " x 32  $\frac{3}{4}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

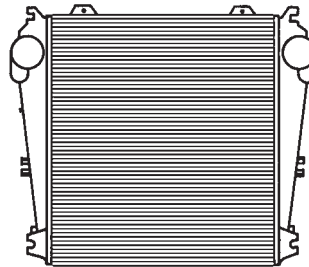
*Use with Hose & Clamp  
 Kit 14000*



### FL-5A NEW HD

Core size: 36  $\frac{7}{8}$ " x 22"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

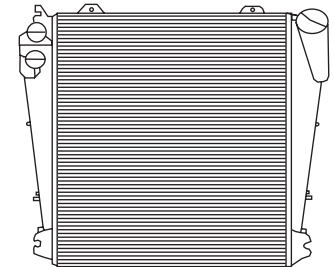
*Use with Hose & Clamp  
 Kit 14000*



### FL-5E NEW

Core size: 25  $\frac{1}{8}$ " x 27  $\frac{1}{2}$ "  
 Inlet conn: 3  $\frac{1}{2}$ " O.D.  
 Outlet conn: 3  $\frac{1}{2}$ " O.D.

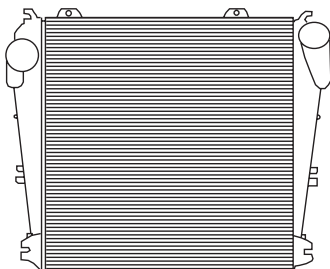
*Use with Hose & Clamp  
 Kit 14000*



### FL-5G NEW

Core size: 25  $\frac{1}{8}$ " x 27  $\frac{1}{2}$ "  
 Inlet conn: 3  $\frac{1}{2}$ " O.D.  
 Outlet conn: 2-2  $\frac{7}{8}$ " O.D.

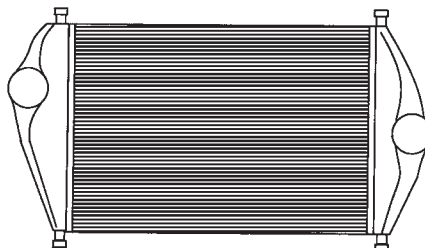
*Use with Hose & Clamp  
 Kit 14000*



### FL-5J NEW

Core size: 25  $\frac{1}{8}$ " x 27  $\frac{1}{4}$ "  
 Inlet conn: 3  $\frac{1}{2}$ " O.D.  
 Outlet conn: 3  $\frac{1}{2}$ " O.D.

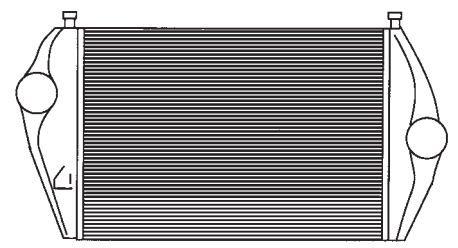
*Use with Hose & Clamp  
 Kit 43500*



### FL-5L NEW

Core size: 36  $\frac{6}{7}$ " x 26  $\frac{4}{7}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Use with Hose & Clamp  
 Kit 14000*



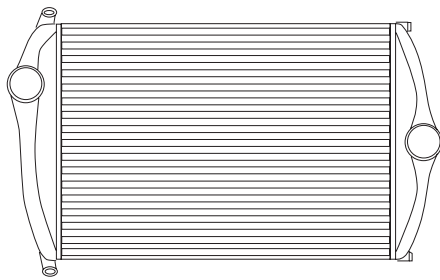
### FL-5L2 NEW HD

Core size: 36  $\frac{6}{7}$ " x 26  $\frac{4}{7}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Note: Use for FL-5L3*

*Use with Hose & Clamp  
 Kit 14000*

## FREIGHTLINER (cont.)



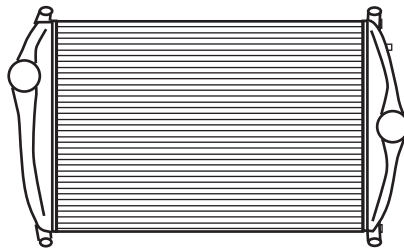
### FL-5L4 NEW HD

Core size: 36  $\frac{7}{8}$ " x 26  $\frac{1}{2}$ "

Inlet conn: 4" O.D.

Outlet conn: 4" O.D..

*Use with Hose & Clamp  
Kit 14000*



### FL-5N NEW

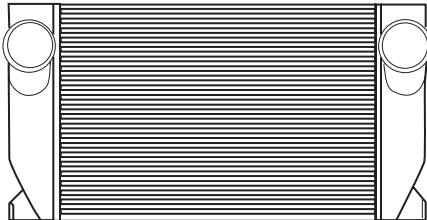
Core size: 36  $\frac{7}{8}$ " x 24  $\frac{3}{4}$ "

Inlet conn: 4" O.D.

Outlet conn: 4" O.D..

*Use with Hose & Clamp  
Kit 14000*

## GILLIG BUS



### GB-230B NEW HD

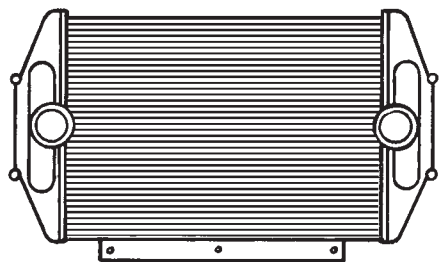
Core size: 25  $\frac{3}{8}$ " x 17  $\frac{3}{5}$ "

Inlet conn: 4" O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*

## INTERNATIONAL / NAVISTAR



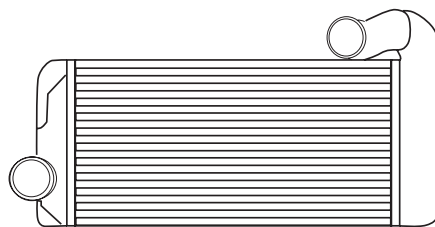
### NV-6A NEW

Core size: 27  $\frac{5}{8}$ " x 19  $\frac{5}{8}$ "

Inlet conn: 4" O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



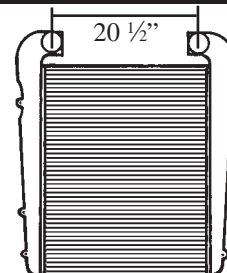
### NV-6D NEW HD

Core size: 30  $\frac{1}{4}$ " x 15  $\frac{7}{8}$ "

Inlet conn: 4" O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



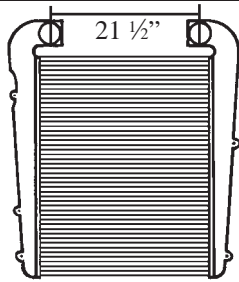
### NV-8A NEW HD

Core size: 23  $\frac{1}{16}$ " x 29  $\frac{11}{16}$ "

Inlet conn: 3  $\frac{1}{2}$ " O.D.

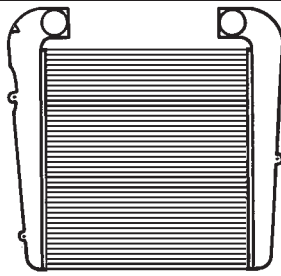
Outlet conn: 3  $\frac{1}{2}$ " O.D.

*Use with Hose & Clamp  
Kit 43500*

**NV-8B NEW**

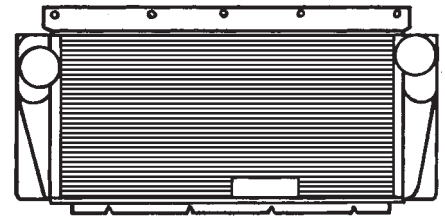
Core size: 24 1/2" x 30"  
 Inlet conn: 3 1/2" O.D.  
 Outlet conn: 3 1/2" O.D.

*Use with Hose & Clamp  
 Kit 43500*

**NV-8C NEW HD**

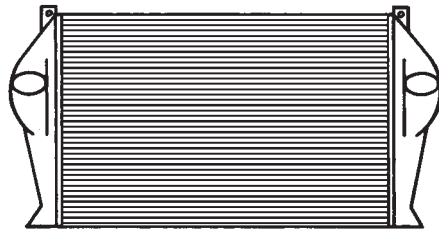
Core size: 23 1/8" x 24 1/4"  
 Inlet conn: 3 1/2" O.D.  
 Outlet conn: 3 1/2" O.D.

*Use with Hose & Clamp  
 Kit 43500*

**NV-9A NEW HD**

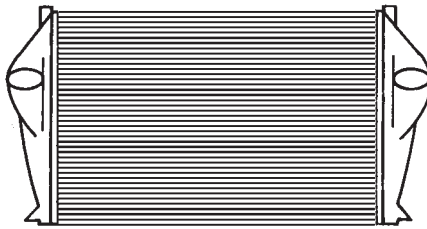
**Note: Use for NV-9H**  
 Core size: 24 5/8" x 12 5/8"  
 Inlet conn: 3" O.D.  
 Outlet conn: 3" O.D.

*Use with Hose & Clamp  
 Kit 63000*

**NV-9B NEW HD**

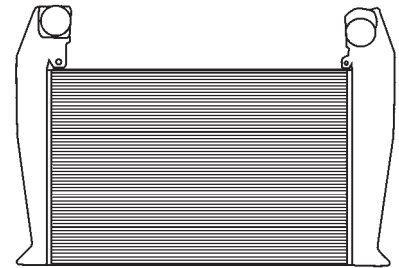
Core size: 41" x 25 1/8"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Use with Hose & Clamp  
 Kit 14000*

**NV-9D NEW**

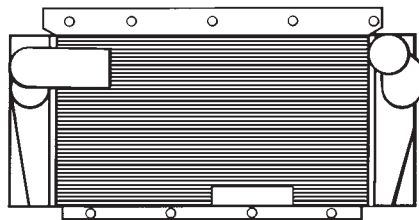
Core size: 35 5/8" x 25"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Use with Hose & Clamp  
 Kit 14000*

**NV-9E NEW HD**

Core size: 37 5/16" x 24 15/16"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

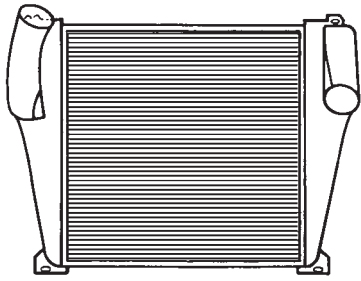
*Use with Hose & Clamp  
 Kit 14000*

**NV-9J NEW**

Core size: 22 3/4" x 12 7/8"  
 Inlet conn: 3" O.D.  
 Outlet conn: 3" O.D.

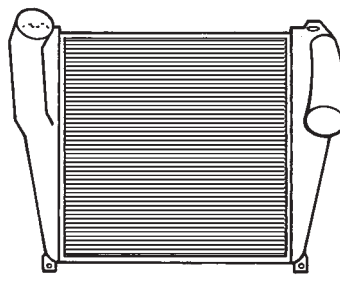
*Use with Hose & Clamp  
 Kit 63000*

## KENWORTH



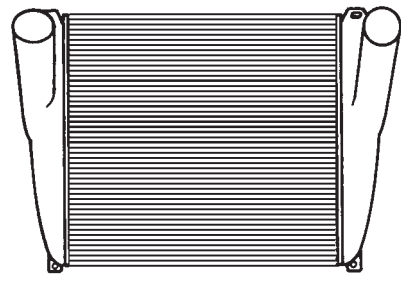
**KW-10A** or KW-10B (NEW HD)  
Core size: 24  $\frac{3}{4}$ " x 27"  
Inlet conn: 4" O.D.  
Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



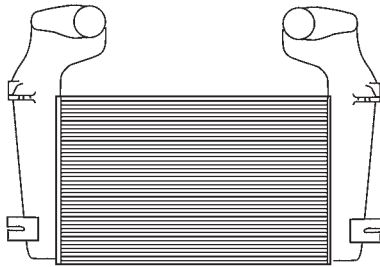
**KW-10B NEW HD**  
Core size: 28  $\frac{3}{8}$ " x 27  $\frac{5}{8}$ "  
Inlet conn: 4" O.D.  
Outlet conn: 4" O.D.  
*Note: Use for KW-10C*

*Use with Hose & Clamp  
Kit 14000*



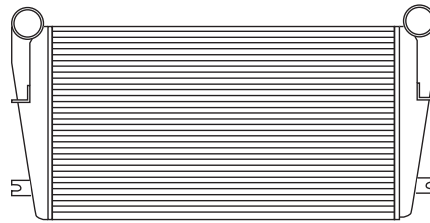
**KW-12B NEW HD**  
Core size: 28  $\frac{1}{4}$ " x 27  $\frac{5}{8}$ "  
Inlet conn: 4" O.D.  
Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



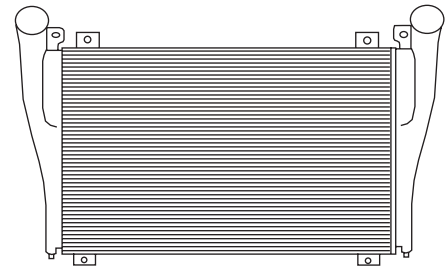
**KW-13C NEW HD**  
Core size: 35" x 23  $\frac{5}{16}$ "  
Inlet conn: 4" O.D.  
Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



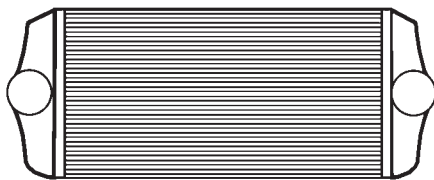
**KW-13D NEW HD**  
Core size: 44  $\frac{1}{2}$ " x 25  $\frac{1}{8}$ "  
Inlet conn: 4" O.D.  
Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



**KW-13E NEW HD**  
Core size: 39  $\frac{3}{16}$ " x 25  $\frac{3}{4}$ "  
Inlet conn: 4" O.D.  
Outlet conn: 4" O.D.

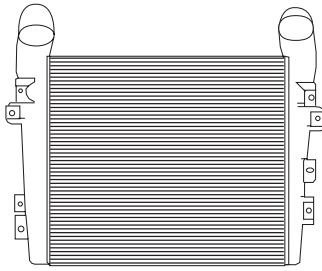
*Use with Hose & Clamp  
Kit 14000*



**KW-13G NEW**  
Core size: 37" x 17  $\frac{1}{8}$ "  
Inlet conn: 4" O.D.  
Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*

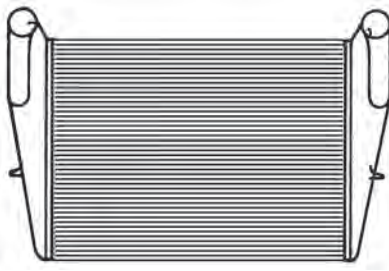
# MACK



## MK-14E NEW HD

Core size: 28  $\frac{3}{16}$ " x 25  $\frac{7}{16}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

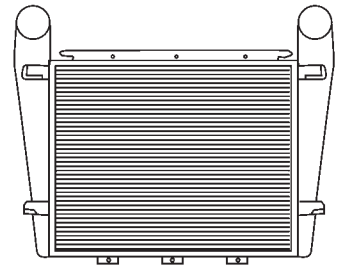
*Use with Hose & Clamp  
 Kit 14000*



## MK-15A NEW HD

Core size: 30" x 24  $\frac{11}{16}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

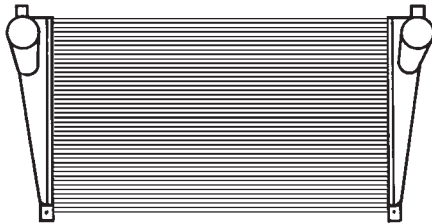
*Use with Hose & Clamp  
 Kit 14000*



## MK-17A NEW HD

**Note: Use for MK-17B**  
 Core size: 30  $\frac{5}{8}$ " x 25  $\frac{1}{4}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

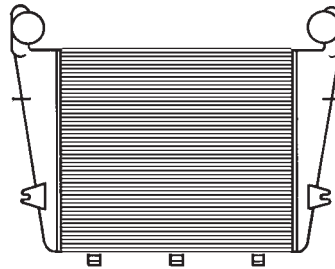
*Use with Hose & Clamp  
 Kit 14000*



## MK-18A NEW HD

Core size: 39  $\frac{5}{8}$ " x 21  $\frac{1}{2}$ "  
 Inlet conn: 3  $\frac{3}{4}$ " O.D.  
 Outlet conn: 3  $\frac{3}{4}$ " O.D.

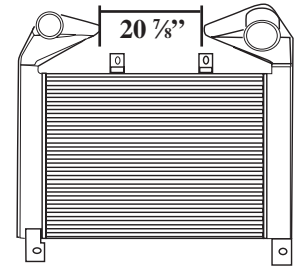
*Use with Hose & Clamp  
 Kit 11334*



## MK-18B NEW

Core size: 30" x 25  $\frac{3}{4}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

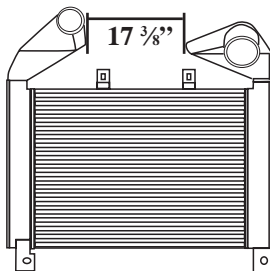
*Use with Hose & Clamp  
 Kit 14000*



## MK-18E4 NEW HD

**Brick thickness 2  $\frac{3}{4}$ "**  
 Core size: 23  $\frac{1}{2}$ " x 18  $\frac{6}{13}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 3" O.D.

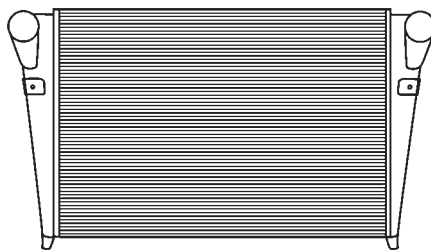
*Use with Hose & Clamp  
 Kit 93040*



## MK-18E5 NEW HD

**Brick thickness 2  $\frac{3}{4}$ "**  
 Core size: 23  $\frac{1}{2}$ " x 17  $\frac{3}{8}$ "  
 Inlet conn: 4" O.D.  
 Outlet conn: 3" O.D.

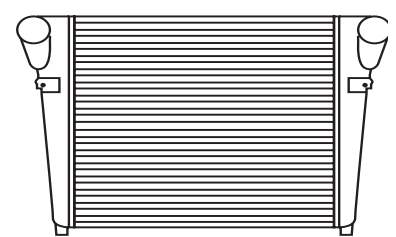
*Use with Hose & Clamp  
 Kit 93040*



## MK-18F NEW HD

Core size: 38  $\frac{5}{16}$ " x 27  $\frac{3}{16}$ "  
 Inlet conn: 3  $\frac{1}{2}$ " O.D.  
 Outlet conn: 3  $\frac{1}{2}$ " O.D.

*Use with Hose & Clamp  
 Kit 43500*

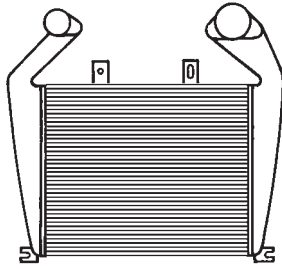


## MK-18L NEW

Core size: 27  $\frac{1}{4}$ " x 27  $\frac{3}{16}$ "  
 Inlet conn: 3  $\frac{1}{2}$ " O.D.  
 Outlet conn: 3  $\frac{1}{2}$ " O.D.

*Use with Hose & Clamp  
 Kit 43500*

## MACK (cont.)



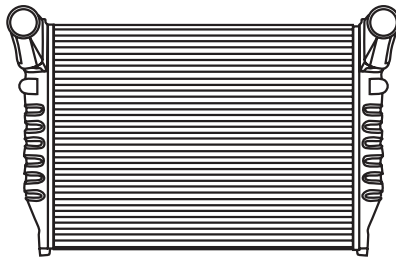
### MK-18N NEW HD

Core size: 24 1/2" x 18 3/8"

Inlet conn: 4" O.D.

Outlet conn: 3" O.D.

*Use with Hose & Clamp  
Kit 93040*



### MK-18R NEW HD

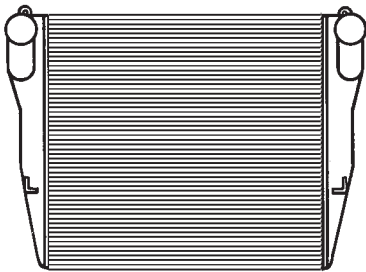
Core size: 34 1/4" x 25 1/2"

Inlet conn: 3 1/2" O.D.

Outlet conn: 3 1/2" O.D.

*Use with Hose & Clamp  
Kit 43500*

## PETERBILT



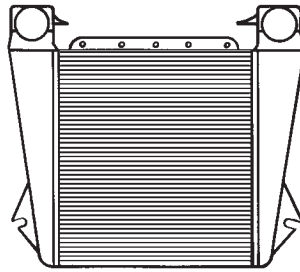
### PB-20B NEW HD

Core size: 33 1/2" x 30 3/8"

Inlet conn: 4" O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



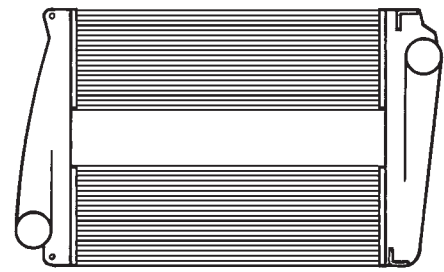
### PB-22A NEW HD

Core size: 25" x 27"

Inlet conn: 4" I.D. / 4 1/2" O.D.

Outlet conn: 4" I.D. / 4 1/2" O.D.

*Use with Hose & Clamp  
Kit 74500*



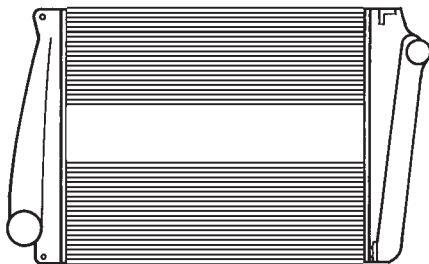
### PB-23A NEW HD

Core size: 35 3/4" x 29 3/8"

Inlet conn: 4" O.D.

Outlet conn: 4" O.D.

*Use with Hose & Clamp  
Kit 14000*



### PB-23B NEW HD

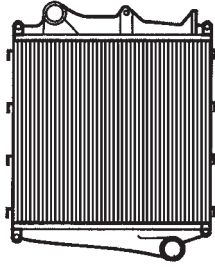
Core size: 36" x 29 3/8"

Inlet conn: 3" O.D.

Outlet conn: 4" O.D.

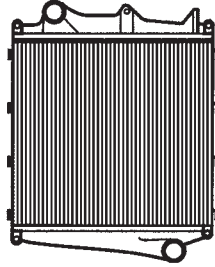
*Use with Hose & Clamp  
Kit 93040*

## VOLVO/GMC/WHITE



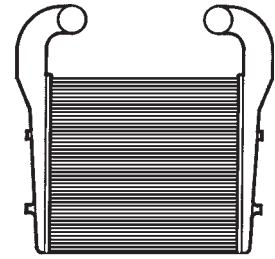
**WGM-30C NEW HD**  
 Core size: 34 1/4" x 35 3/4"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Use with Hose & Clamp  
 Kit 14000*



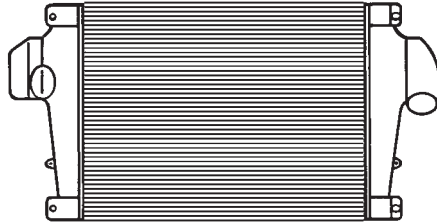
**WGM-30E NEW HD**  
 Core size: 34 1/4" x 35 5/8"  
 Inlet conn: 3 7/8" O.D. FLANGE  
 Outlet conn: 3 7/8" O.D. FLANGE

*Use with Hose & Clamp  
 Kit OEM*



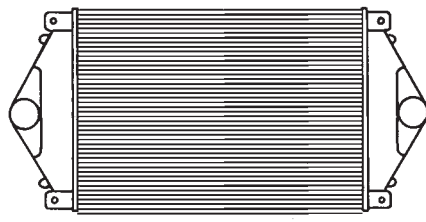
**WGM-30G NEW HD**  
 Core size: 25" x 20 1/8"  
 Inlet conn: 3 1/4" O.D. FLANGE  
 Outlet conn: 3 3/8" O.D. FLANGE

*Use with O.E.M. Hose & Clamps  
 Note: WGM-30M Has no flanges,  
 Use with Hose & Clamp Kit 14318*



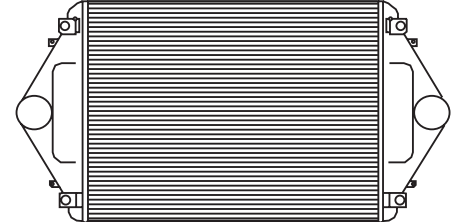
**WGM-31A NEW HD**  
 Core size: 34 1/4" x 25 7/16"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Use with Hose & Clamp  
 Kit 14000*



**WGM-31B NEW HD**  
 Core size: 34 1/2" x 23 3/8"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

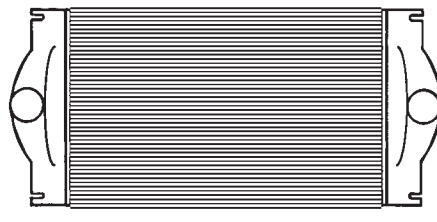
*Use with Hose & Clamp  
 Kit 14000*



**WGM-31M NEW HD**  
 Core size: 34 1/4" x 26 1/8"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

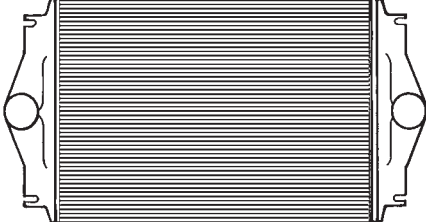
*Use with Hose & Clamp  
 Kit 14000*

## WESTERN STAR



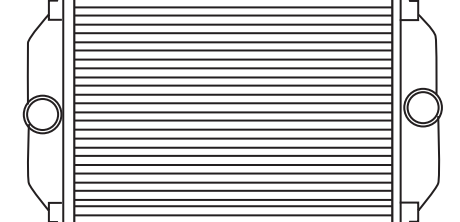
**WS-35A NEW HD**  
 Core size: 34" x 20 3/4"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Use with Hose & Clamp  
 Kit 14000*



**WS-35C NEW HD**  
 Core size: 35 1/2" x 24 1/4"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Use with Hose & Clamp  
 Kit 14000*



**WS-35E NEW HD**  
 Core size: 37 1/4" x 29"  
 Inlet conn: 4" O.D.  
 Outlet conn: 4" O.D.

*Use with Hose & Clamp  
 Kit 14000*

# **Av-Tekk<sup>®</sup>**

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## **CHARGE-AIR COOLERS**

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### ***CORE GRADING CRITERIA***

**The following guidelines will govern our new Av-Tekk core grading criteria, effective immediately.**

- 1. OEM type Charge Air Cooler cores with good manifolds (tanks) will receive **Full Core Credit**. Units with damaged manifolds will receive no core credit.*
  - a) A like-for-like cooler core must be exchanged to receive full core credit.*
  - b) Non-OEM type replacement coolers that utilize a gasket between the manifold and heat exchange brick are not valid as a core for an **Av-Tekk** exchange. These units can leak and are not repairable utilizing the **Av-Tekk** process.*
- 2. Current core charge of \$300, \$500 or \$600 will remain in effect.*

We feel this new policy will enable our dealer network to make on-the-spot core value decisions with high confidence.

**Important note:**

**We ask our Dealers to continue practicing the proper care and handling of cores being returned to avoid shipment damage. Please select pallet size that will minimize overhang of charge-air coolers.**

**This simplified core grading is also designed to help make selling Av-Tekk easier for Dealers. However, this change involves good-faith and it places high responsibility on each Dealer to maintain care in the handling and shipping of each cooler. We request that Dealers continue using old boxes to prevent shipment damage to the charge-air coolers.**

# ***Av-Tekk***<sup>®</sup>

## **CHARGE-AIR COOLERS**

### **WARRANTIES**

#### *SPECIFIC COVERAGE*

#### **Two-Year Warranty:**

*Av-Tekk Brand New or Rebuilt Charge Air Coolers bearing the proper identification are warranted against defects in materials and workmanship for a period of two years regardless of vehicle.*

*Any Av-Tekk Brand Charge Air Coolers, New or Rebuilt that fails to deliver satisfactory service due to air leakage within the cooler will be reconditioned or replaced at no charge for a period of two years from the date purchased regardless of vehicle mileage. In order to Qualify "Leak Free," the Definition shall be: "when tested at 20 PSI an Av-Tekk Brand Rebuilt or New Charge-Air Cooler will not lose more than 1 PSI in 15 seconds."*

#### **Five-Year Warranty:**

*Av-Tekk Brand New HD Charge Air Coolers bearing the proper identification are warranted against defects in materials and workmanship for a period of five years regardless of vehicle mileage.*

*Any Av-Tekk Brand Charge Air Cooler, New HD, that fails to deliver satisfactory service due to air leakage within the cooler will be reconditioned or replaced at no charge for a period of five years from the date purchased regardless of vehicle mileage. In order to Qualify "Leak Free," the Definition shall be: "when tested at 20 PSI an Av-Tekk Brand New HD Charge-Air Cooler will not lose more than 1 PSI in 15 seconds."*

#### **Exclusions:**

*This warranty does not cover Charge Air-Coolers which fail to meet the above condition due to the following causes:*

- 1. Off Highway applications, such as Logging and Mining operations.  
Standard Two Year warranty applies.*
- 2. Vehicle damage*
- 3. Incorrect or improper mounting*
- 4. Damage caused by abuse, neglect, collision, fire, vandalism, or chemical corrosion*

*This warranty does not provide compensation for downtime, service, labor charges, or taxes. Av-Tekk will pay 1.5 hours of labor for warranty replacement. This warranty applies only to the original purchaser and is not transferable.*

The logo for Av-Tekk features the word "Av-Tekk" in a stylized, italicized font. The "Av" is in red and the "Tekk" is in blue. A registered trademark symbol (®) is located at the top right of the "k".

***Av-Tekk***<sup>®</sup>

4710 Allmond Avenue, Louisville, KY 40209  
Toll Free: 1-877-AvTekk1 (288-3551) [www.AvTekk.com](http://www.AvTekk.com)