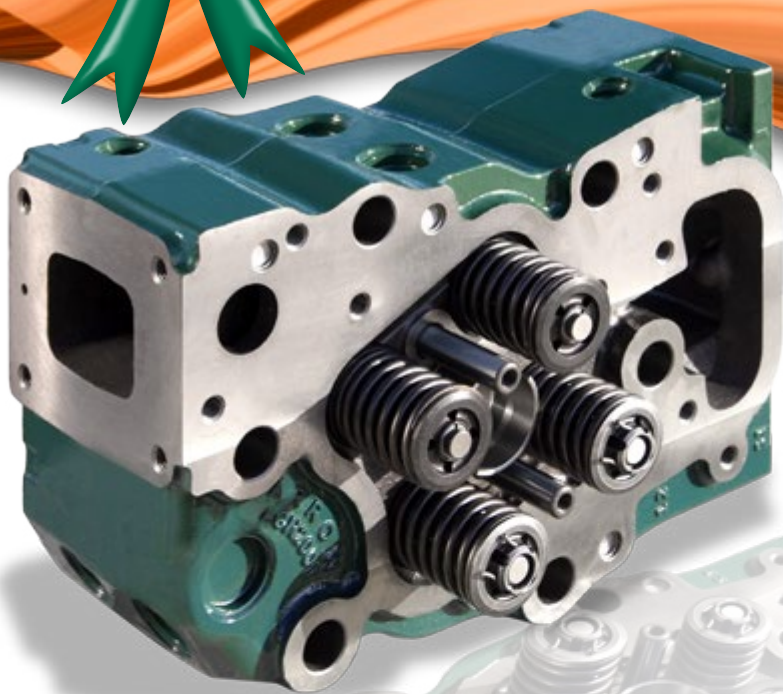




# ARROW® MANUFACTURED REPLACEMENT PARTS

Arrow® manufactures replacement parts for Waukesha® VHP®, VGF®, and Intermediate engines as well as parts for over a dozen Ajax® engine models. We offer a complete line of engine rebuild kits and repair kits for Caterpillar® 3300 Series, Fairbanks Morse®, and all Arrow® models.



## VGF® CYLINDER HEAD

### Complete Assembly

Arrow® Part Number

**Stellite faced valves**

**Updated retainers and keepers**

**Enhanced coolant circulation through water jet design**

**AAD300302C**

In today's business environment, success is determined through minimum downtime and maximum equipment performance. This standard set of expectations is magnified by the fact that margins are thin, and completing a project on time makes the difference between profit and loss. Arrow's replacement parts program is designed to meet or exceed these expectations.

In our continued effort to provide our customers with the highest quality products we are pleased to introduce the latest addition to our VGF® replacement parts line.

Our new VGF® head assembly has been designed with larger water jacket passages and a brass water director for increased coolant circulation.

In addition, our heads have been updated with the new style intake valve retention components (retainers and wire clips), updated 20° Stellite valves for increased seating area and heat dissipation to extend head life.

**VGF® Cylinder Head Less Valves**

**AA300302C**



**Arrow Engine Company**  
2301 East Independence, Tulsa, Oklahoma 74110

VGFCYLHEAD-ML-F-JAN15  
**www.ArrowEngine.com**  
toll free (800) 331-3662 local (918) 583-5711  
local fax (918) 699-2202

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# ARROW® MANUFACTURED REPLACEMENT PARTS

Arrow Engine stocks a vast array of replacement parts for a wide variety of engines. Arrow knows that your products' performance depends on quality parts. We carry the very best parts and the most complete selection available anywhere. If you need it, we have it.

# VGF® HEAD REPAIR KIT

## VGF® Repair Kit – Arrow® Part Number

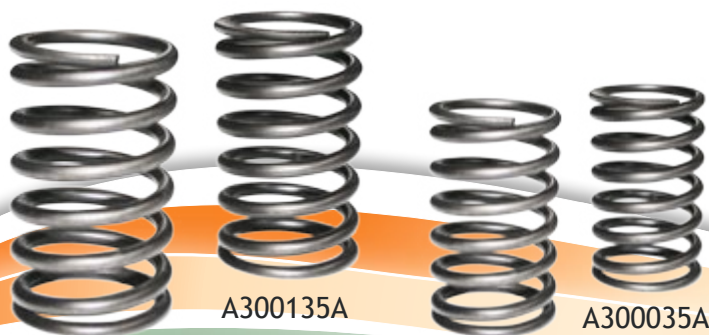
**A-936-1036**

### Repair kit includes:

ARROW PART #	DESCRIPTION	QTY
A300009C	Valve Guide	4
A300036K	Intake/Exhaust Valve	4
A304010L	Valve Seat Insert	4
A304015B	Valve Stem Seal, Black	2
A304015C	Valve Stem Seal, Blue	2
A305475B	Spark Plug Sleeve Washer	1
A305882	O-Ring	2

### Additional Head Parts Available:

ARROW PART	DESCRIPTION	QTY
A300135A	Inside Valve Spring	2
A300035A	Outside Valve Spring	2
A304014A	Valve Spring Retainer	2
A304014C	Valve Spring Retainer	2
A-979-276	Top Gasket Set, F18G	1
A-979-278	Top Gasket Set, H24G	1
A-977-60	Single Head Gasket Set, VGF	1
A296461A	Retainer Pin	2



A300135A

A300035A



A304014C

A304014A

A296461A



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