



Cylinder Heads

The AllPontiac Tiger Heads are available in standard or raised exhaust ports. These heads were designed primarily for use on the IA II cast iron block and the IA II-Butler Performance aluminum blocks. Available bare with guides and seats or fully assembled and ready to bolt on with Manley components and a Jesel shaft rocker system.

Cylinder Head Bare

A. APTH-B Engine & Components, AllPontiac Tiger Head Bare Cast

- Bare 356-T6 Aluminum
- 400+ cfm flow out of the box
- 50cc combustion chamber
- 310cc intake port
- Will accept up to 2.300 intakes & 1.800 exhaust valves
- Guides & seats included

Cylinder Head Pump Gas

A. APTH-PG Engine & Components, AllPontiac Tiger Head Pump Gas Assembly

- 356-T6 Aluminum
- 310cc intake port
- Will accept up to 2.300 intakes & 1.800 exhaust valves
- Uses bare head part# APTH-B

Pump Gas Package includes the following components:

MAN-IV	Intake Valves	MAN-VSC	Valve Spring Cups
MAN-VSD	Valve Springs	MAN-DVSR	Valve Spring Retainers
JES-RACS	Rocker Arms		

CNC chambers and bowls (64 cc)
Multi angle valve job
Cleaned and assembled, ready to bolt on



A AllPontiac Tiger Head - Bare Cast (standard exhaust)



A AllPontiac Tiger Head - Bare Cast (intake)



A AllPontiac Tiger Head - Bare Cast (combustion chamber)

Tiger Head uses CFM modified port design.

Note: Not legal for sale or use on pollution controlled motor vehicles.



AllPontiac Tiger Head A
(exhaust ports)



AllPontiac Tiger Head A
(combustion chamber closeup)

The Tiger's chamber is a true heart shape to promote swirl. The spark plug is angled to get as close to the center of the cylinder as possible for better flame propagation. High swirl heads require less timing so more torque can be made.

Cylinder Head Race Ready

A. APTH-RR

Engine & Components, AllPontiac Tiger Head Race Ready Assembly

- 356-T6 Aluminum
- 310cc intake port
- Will work on IA II cast iron block or IA II-Butler Performance aluminum blocks
- As cast ports
- Uses bare head part# APTH-B
- CNC Port by Checker Flag Machine (CFM)

Race Ready Package includes the following components:

MAN-IVT	Intake Valves	MAN-TVSR	Valve Spring Retainers
MAN-EV	Exhaust Valves	MAN-VSC	Valve Spring Cups
MAN-VST	Valve Springs	JES-RACS	Rocker Arms

CNC chambers and bowls (64 cc)

Multi angle valve job

Cleaned and assembled, ready to bolt on

Options:

- Manley® "HT" Titanium exhaust valves \$690.00
- Jesel® "Mohawk" shaft system \$190.00
- Metal Copper Beryllium Valve Seats \$380.00
- Manley® Triple NexTek® springs \$390.00
- CNC Full Port Job Raised Ex. Port \$840.00
- CNC Full Port Job STD Ex. Port \$1,200.00

Part No.	Product Line	Section	Part Type	Cylinder Head Style	Cylinder Head Material	Quantity	Price
APTH-B	AllPontiac Tiger Head	Cylinder Heads	Cylinder Heads	Bare	Aluminum	Sold as a Set	\$2,495.00
APTH-PG	AllPontiac Tiger Head	Cylinder Heads	Cylinder Heads	Pump Gas	Aluminum	Sold as a Set	\$5,295.00
APTH-RR	AllPontiac Tiger Head	Cylinder Heads	Cylinder Heads	Race Ready	Aluminum	Sold as a Set	\$6,250.00