

2007

20th Anniversary Edition

ENGINEQUEST®

www.enginequest.com



www.eqcylinderheads.com



www.aaeq.net

Look around you...

By anyone's standards, the past years have been the toughest environment for the automotive rebuilding industry in its history. Mergers, acquisitions and offshore competition have driven many of our brethren out of the competitive marketplace. A lot of other companies have simply faded away.

Not so with A&A Midwest and Enginequest, a family owned and operated business since 1949. In fact, we're going in the opposite direction! We've combined our considerable resources to form a new entity known as AAEQ, Manufacturers and Recyclers. This company has grown from its simple beginnings to become the top core supplier in the industry.

We've been successful, because we stick to the basics, and because we understand the business.

Knowing how precious time is for the rebuilder, we've developed a number of products that make one core work for another application, or that replaces a hard to find or salvage part. Success in this market has in turn allowed us to become a real "Partner to the Professional".

Along with a huge core inventory, (over 40,000 engines and transmissions), we've developed several new product lines to help the rebuilder solve their manufacturing problems. Among them are Exhaust Manifolds, (New and reclaimed) Timing Covers, (largest single line available), Harmonic Balancers, Head Bolts, (one complete set per engine), and our very latest, Crankshafts and Stock

Replacement and Performance Cylinder Head castings, (more info available at eqcylinderheads.com). The performance cylinder head line is designed to provide maximum power with minimum effort. They're engineered and manufactured in a state of the art facility and are available from over 300 different retailers. Their performance is outstanding and are actually race proven! We have over 7000 cast iron and aluminum heads in stock, and if for any reason, we don't have what you're looking for..., we'll help you find it! In addition to all the above, AAEQ can handle your automotive salvage and export needs as well. We buy and sell scrap metal including wheels, radiators,

pistons, and other steel and aluminum products, and we process 40 whole vehicles per week for export.

We offer a vast network of professional stocking distributors across the country, all dedicated to making sure you have what you need, and we back them up with our six national warehouses. The all new

online inventory inquiry and ordering for business to business, brings our inventory right to your finger tips.

Our warehouses are strategically located in: Chicago, IL; Las Vegas, NV; Spokane WA; Long Island NY; Atlanta, GA; and Dallas, TX.

The last 60 years in the business have been important, but it's the next 60 we're looking forward to...



a&a YOUR SOURCE FOR CORES
midwest®

ENGINEQUEST®

MISSION STATEMENT:

A&A Midwest/Enginequest is a motor vehicle parts dealer that buys, processes, and sells drive train components for the automotive remanufacturing and recycling industry. Our goal is to achieve a profit, while gaining the respect of the industry by exceeding our customers' expectations.

Offices In:

LAS VEGAS

2580 N. Commerce Street
N. Las Vegas, NV 89030-3876

CHICAGO

4050 S. Wentworth Avenue
Chicago, IL 60609-2841

CUSTOMER SERVICE

Monday - Friday 7am - 5pm Pacific Time

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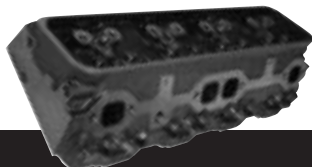
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New Cylinder Heads

Spending time and money on purchasing, cleaning, repairing and valve jobs are now a thing of the past... Replacement casting can costs less!

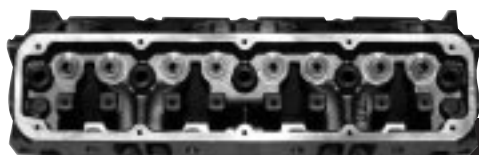
Featuring:

- The highest grade cast iron and aluminum
- Racing technology used for development
- Thicker deck for greater strength
- Harden exhaust seats
- Improved design to resist cracking
- Redesigned water flow for greater thermal conductivity
- 3 angle valve finish
- Superior port finish for increased flow
- CNC machined guides and seats
- 25 point quality check on every head
- Backed by our reputation
- Competitive Prices!



CHEVROLET

PART #	LITER	CID	YEARS	CASTING/NOTES	VALVE SIZE INTAKE	VALVE SIZE EXHAUST	INSTALLED VALVE HEIGHT INTAKE	INSTALLED VALVE HEIGHT EXHAUST
CH134N	2.2	134	90 - 97	391, 391S 7mm valve guide I.D.	1.732"	1.457"	1.9110 - 1.9400"	1.9350 - 1.9650"
CH305A	5.0	305	96 - 00	12552520, 12557113, 12558059 (176cc /58cc)	1.840"	1.500"	1.990 - 2.000"	1.990 - 2.000"
CH350A	5.7	350	55 - 86	Universal 167cc intake runner / 76cc combustion chamber	1.940"	1.500"	1.9700 - 2.0000"	1.9700 - 2.0000"
CH350D	5.7	350	87 - 92	14101083 for marine use 167cc intake runner / 64cc combustion chamber	1.940"	1.500"	1.985 - 2.015"	2.105" - 2.135"
CH350C	5.7	350	96 - 02	12558062, 10239906 170cc intake runner / 64cc combustion chamber	1.940"	1.500"	1.975 - 2.005"	2.015 - 2.045"
CH350E	5.7	350	-	12558062, 10239906 Vortec combustion chamber / 69-86 intake bolt patterns	1.940"	1.500"	1.975 - 2.005"	2.015 - 2.045"
CH350F	5.7	350	-	12558062, 10239906 Vortec combustion chamber / 69-86 intake bolt patterns Outer perimeter valve cover mounting holes	1.940"	1.500"	1.975 - 2.005"	2.015 - 2.045"
CH395N	6.2	381	90 - 95	10137567 - 90 intake bolts	1.811"	1.535"	2.1570 - 2.1870"	2.2300 - 2.2600"
CH395N	6.5	395	92 - 99	10137567 - 90 intake bolts	1.811"	1.535"	2.1570 - 2.1870"	2.2300 - 2.2600"
CH395B	6.5	395	92 - 99	10137567 - 60 intake bolts	1.811"	1.535"	2.1570 - 2.1870"	2.2300 - 2.2600"



CHRYSLER

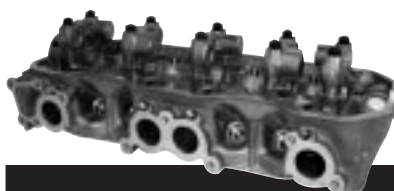
PART #	LITER	CID	YEARS	CASTING/NOTES	VALVE SIZE INTAKE	VALVE SIZE EXHAUST	INSTALLED VALVE HEIGHT INTAKE	INSTALLED VALVE HEIGHT EXHAUST
CH123N	2.0	1997	83 - 91	12 valve 4G63				
CH124N	2.0			8 valve 4G63				
CH143N	2.4	2350	93 - 99	16 valve 4G64 SOHC	1.299"	1.142"	1.950" - 1.960"	1.950" - 1.960"
CH153N	2.5	153	87 - 95	782	1.598"	1.394"	1.9600 - 2.0090"	1.9600 - 2.0090"
CH154N	2.6	2555	81 - 90	8 valve SOHC G54B	1.81"	1.493"	1.690 - 1.710"	1.680 - 1.700"
CH155N	2.6	156	81 - 88	3 valve	1.810"	1.493"	1.690 - 1.710"	1.680 - 1.700"
CH318A	5.2	318	92 - 04	53005714, 53006671, 53020466, 53020468 - intake port 172cc / combustion chamber 62cc	1.920"	1.624"	1.7830 - 1.85"	1.7830 - 1.85"
CH318A	5.9	360	92 - 02	53005714, 53006671, 53020466, 53020468 - intake port 172cc / combustion chamber 62cc	1.920"	1.624"	1.7830 - 1.85"	1.7830 - 1.85"
CH318B	5.2	318	92 - 04	53005714, 53006671,	1.920"	1.624"	1.7830 - 1.85"	1.7830 - 1.85"
	5.9	360		53020466, 53020468 with LA style				



FORD

PART #	LITER	CID	YEARS	CASTING/NOTES	VALVE SIZE INTAKE	VALVE SIZE EXHAUST	INSTALLED VALVE HEIGHT INTAKE	INSTALLED VALVE HEIGHT EXHAUST
CH244A	4.0	244	90 - 94	90TM, 93TM	1.713"	1.358"	1.7350 - 1.7450"	1.7350 - 1.7450"
CH244B	4.0	244	95 - 97	95TM	1.713"	1.358"	1.7350 - 1.7450"	1.7350 - 1.7450"
CH244C	4.0	244	98 - 00	98TM	1.713"	1.358"	1.7350 - 1.7450"	1.7350 - 1.7450"
CH300A*	4.9	300	87 - 98	E7TE with A.I.R. holes	1.718"	1.560"	2.1200 - 2.1500"	2.2000 - 2.2300"
CH460A*	7.5	460	88 - 92	E7TE	1.978"	1.654"	2.1200 - 2.1500"	2.2000 - 2.2300"
CH460B*	7.5	460	93 - 97	F3TE	2.083"	1.654"	2.1200 - 2.1500"	2.2000 - 2.2300"

* Manufactured with DuraBond 70,000 exhaust seats to meet flex fuel needs.



ISUZU

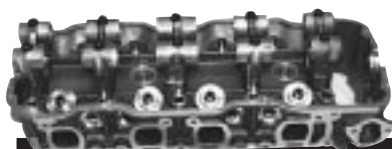


PART #	LITER	CID	YEARS	CASTING/NOTES	VALVE SIZE INTAKE	VALVE SIZE EXHAUST	INSTALLED VALVE HEIGHT INTAKE	INSTALLED VALVE HEIGHT EXHAUST
CH138N	2.3	4ZD1	86 - 95	4ZD1	1.736"	1.453"	1.7200 - 1.7500"	1.7200 - 1.7500"
CH156N	2.6	4ZE1	88 - 97	4ZE1	1.736"	1.453"	1.7200 - 1.7500"	1.7200 - 1.7500"



MAZDA

PART #	LITER	CID	YEARS	CASTING/NOTES	VALVE SIZE INTAKE	VALVE SIZE EXHAUST	INSTALLED VALVE HEIGHT INTAKE	INSTALLED VALVE HEIGHT EXHAUST
CH122A	2.0	1998	84 - 87	FE	1.732"	1.417"	1.831 - 1.850"	1.831 - 1.850"
CH122A	2.2	2184	87 - 93	F2 / 8 valve	1.732"	1.417"	1.831 - 1.850"	1.831 - 1.850"
CH157N	2.6	2606	89 - 94	G6 / 12 valve	1.312"	1.417"	1.9290 - 1.9490" 48.997 - 49.505mm	1.9290 - 1.9490" 48.997 - 49.505mm



NISSAN

PART #	LITER	CID	YEARS	CASTING/NOTES	VALVE SIZE INTAKE	VALVE SIZE EXHAUST	INSTALLED VALVE HEIGHT INTAKE	INSTALLED VALVE HEIGHT EXHAUST
CH146N	2.4	Z24	83 - 89		1.658"	1.500"	1.840 - 1.860"	1.840 - 1.860"



TOYOTA



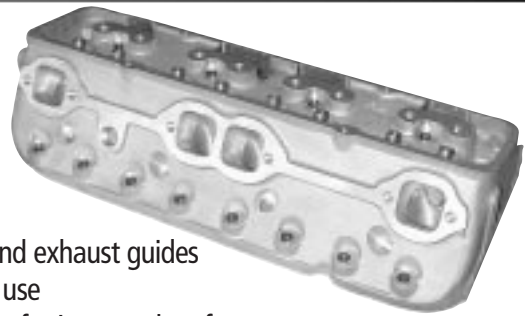
PART #	LITER	CID	YEARS	CASTING/NOTES	VALVE SIZE INTAKE	VALVE SIZE EXHAUST	INSTALLED VALVE HEIGHT INTAKE	INSTALLED VALVE HEIGHT EXHAUST
CH136N	2.0	1998	84 - 85	3YEC 8 valve OHV	1.580"	1.425"	1.890" - 1.910"	1.890" - 1.900"
CH136N	2.2	2237	86 - 89	4YEC 8 valve OHV	1.580"	1.425"	1.890" - 1.910"	1.890" - 1.900"
CH144N	2.4	144	85 - 95	22R, 22REC	1.770"	1.457"	44.55mm - 44.92mm	44.55mm - 44.92mm
CH147N	2.4	2438	95 - 04	2RZFE 16 valve DOHC	1.476"	1.201"	1.560"	1.560"
CH165N	2.7	165	00 - 03	3RZFE - without dist. hole	1.476"	1.201"	1.560"	1.560"
CH274N	4.5	4476	93 - 97	1RZFE DOHC	1.496"	1.260"	1.590"	1.590"

Performance Cylinder Heads

EQ Cylinder Heads, using the latest in technology, are re-designed to give you more power and better efficiency, at competitive prices!

All performance cylinder heads:

- have AS CAST combustion chambers and ports
- DuraBond Exhaust Seats
- 3 angle valve job
- Thick deck faces for angle milling
- Phosphor bronze intake and exhaust guides
- Machined for guide plate use
- Raised Intake Runner Ports for increased performance
- Order one SIS350 (Screw in studs) for each cylinder head
- New design chambers



SMALL BLOCK CHEVROLET

PART #	INTAKE RUNNER VOLUME	COMBUSTION CHAMBER VOLUME	DIRECTION OF SPARK PLUG	INTAKE VALVE	EXHAUST VALVE	GUIDE I.D.	GUIDE O.D.	INTAKE PORT WIDTH	INTAKE PORT HEIGHT	EXHAUST PORT WIDTH	EXHAUST PORT HEIGHT
Vortec Bolt On Performance for 305 cid								A True Power Improved Head			
CH305A	176cc	58cc	Straight	1.84	1.50	11/32"	.530" / .531"				
Vortec Bolt On Performance for 350 cid								A True Power Improved Head			
CH350C	170cc	64cc	Straight	1.94	1.50	11/32"	.530" / .531"				
CC170BA	170cc	64cc	Straight	1.94	1.50	11/32"	.530" / .531"	69-86 intake bolt pattern			
CC170BA2	170cc	64cc	Straight	1.94	1.50	11/32"	.530" / .531"	69-86 intake bolt pattern and perimeter valve cover mounting holes			
Bolt On Performance for 327 / 350 cid											
CC167CS2	167cc	67cc	Straight	2.02	1.60	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
CC167CS	167cc	67cc	Straight	1.94	1.50	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
CC167ES2	167cc	76cc	Straight	2.02	1.60	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
CC167ES	167cc	76cc	Straight	1.94	1.50	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
Best suited for 327 / 350 cid - Great throttle response and torque - Good choice for street performance											
CC180AA	180cc	50cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
CC180BA	180cc	64cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
CC180BS	180cc	64cc	Straight	2.02	1.60	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
CC180DA	180cc	72cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
CC180DS	180cc	72cc	Straight	2.02	1.60	11/32"	.530" / .531"	1.19"	2.00"	1.35"	1.35"
Best suited for 350 / 383 cid - For Max street performance Oval Track and Drag											
CC200AA	200cc	50cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.23"	2.12"	1.35"	1.35"
CC200BA	200cc	64cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.23"	2.12"	1.35"	1.35"
CC200BS	200cc	64cc	Straight	2.02	1.60	11/32"	.530" / .531"	1.23"	2.12"	1.35"	1.35"
CC200DA	200cc	72cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.23"	2.12"	1.35"	1.35"
CC200DS	200cc	72cc	Straight	2.02	1.60	11/32"	.530" / .531"	1.23"	2.12"	1.35"	1.35"
Best suited for 383 / 400 cid - For Max street performance Oval Track and Drag											
CC220AA	220cc	50cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.23"	2.23"	1.35"	1.35"
CC220BA	220cc	64cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.23"	2.23"	1.35"	1.35"
CC220BS	220cc	64cc	Straight	2.02	1.60	11/32"	.530" / .531"	1.23"	2.23"	1.35"	1.35"
CC220DA	220cc	72cc	Angled	2.02	1.60	11/32"	.530" / .531"	1.23"	2.23"	1.35"	1.35"
CC220DS	220cc	72cc	Straight	2.02	1.60	11/32"	.530" / .531"	1.23"	2.23"	1.35"	1.35"
Best suited for 400 cid and larger											
CC235AA	235cc	50cc	Angled	2.08	1.60	11/32"	.530" / .531"	1.25"	2.24"	1.35"	1.35"
CC235BA	235cc	64cc	Angled	2.08	1.60	11/32"	.530" / .531"	1.25"	2.24"	1.35"	1.35"
CC235BS	235cc	64cc	Straight	2.08	1.60	11/32"	.530" / .531"	1.25"	2.24"	1.35"	1.35"
CC235DA	235cc	72cc	Angled	2.08	1.60	11/32"	.530" / .531"	1.25"	2.24"	1.35"	1.35"
CC235DS	235cc	72cc	Straight	2.08	1.60	11/32"	.530" / .531"	1.25"	2.24"	1.35"	1.35"

Performance Cylinder Heads



**POWER
IMPROVED**

CHRYSLER 318 & 360 CID

PART #	INTAKE RUNNER VOLUME	COMBUSTION CHAMBER VOLUME	INTAKE VALVE	EXHAUST VALVE
1992 - 2004 V8 Magnum				
CH318A	172cc	62cc	1.920"	1.624"
With LA type bolt pattern				
CH318B	172cc	62cc	1.920"	1.624"

Screw-in Studs, Small Block Chevy

Each cylinder head requires the use of a screw-in rocker arm stud.

Order #SIS350 (8 pieces per set, enough for 1 cylinder head)

Studs measure 7/16-14 x 3/8-24 x 2.375" overall

Heat treated to RC 33-39 and are Black Oxide

SIS350



Cylinder Head Tech Notes

Suggested Spark Plug V57C = Cold / V59C = Hot

Use plus .100" longer valves in all CC180's, CC200's, CC220's and CC235's to enable proper installed spring height.

Water jackets requires flushing before assembly.

Valve to guide clearances for Stainless Valves is Intake 0.0015" - 0.002" / Exhaust 0.002" - 0.0025"

Valve Spring Pocket Width 1.575" on all CC180, CC200, CC220 and CC235 series part numbers

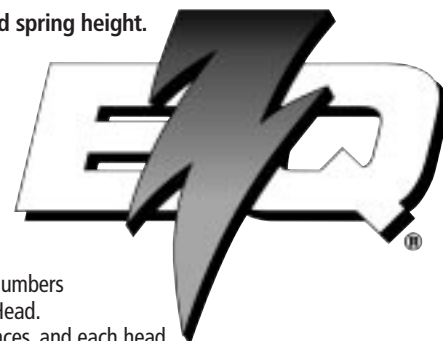
Valve Spring Pocket Width 1.320" on all CC167 series part numbers

Rocker Bolt Torque 50 - 55 ft/lb

Head Bolt Torque Settings 65 - 70 ft lbs Short (7/16) / 70-75ft lbs Long (7/16)

EQ Cylinder Heads are:

- manufactured in Queensland, Australia by Toowoomba Metal Technologies.
- newly designed to be much more efficient than previous versions, and are not allowed to be cast until flow numbers and Dyno numbers exceed previously PUBLISHED numbers, averaging 10 - 15 CFM greater than the old Pro Head.
- cast at an ISO 9001 facility where one head from the beginning of each run is digitally checked for all tolerances, and each head is checked prior to being shipped to ensure maximum quality.
- manufactured with a .4375 thick head deck, enabling better heat transfer, and allowing for a better machining platform for decking. EQ Cylinder Heads is the only company to manufacture a LOW RAIL valve cover. Our early GM head has a machined valve cover rail that enables the installer to run the head in an early GM vehicle where valve cover clearance is an issue.
- currently using ONLY phosphorous bronze guides in the performance head line.
- use a DURA BOND 30000 series exhaust seat in both the stock replacement and the performance cylinder heads.
- a TRUE Vortec cylinder head! Unlike the competition's cylinder head, where a late model bolt pattern is applied to an early head.
- priced competitively to all other cast iron cylinder heads.
- EQ Cylinder Head is the only head maker in the business offering a full 1 yr. parts and labor warranty on stock replacement applications. (See page 49 for warranty details).



Flow Numbers

All testing was done on a Super Flow SF-1020 - Test data @ 28. inches of water

CH350C
Chevrolet V8 5.7L Vortec

INTAKE		EXHAUST*	
LIFT	CFM	LIFT	CFM
.100	54.00	.100	49.30
.200	103.90	.200	87.60
.300	147.60	.300	118.80
.400	194.40	.400	139.70
.500	224.30	.500	148.50
.600	226.20	.600	152.00
.700	228.40	.700	152.70

CC180BA
180 cc intake runner /
64 cc combustion chamber

INTAKE		EXHAUST*	
LIFT	CFM	LIFT	CFM
.100	65.40	.100	55.30
.200	130.00	.200	106.60
.300	177.90	.300	133.20
.400	212.80	.400	156.60
.500	234.90	.500	174.50
.600	242.30	.600	182.80
.700	244.30	.700	188.30

CC200BA
200 cc intake runner /
64 cc combustion chamber

INTAKE		EXHAUST*	
LIFT	CFM	LIFT	CFM
.100	74.80	.100	65.50
.200	137.20	.200	113.30
.300	185.70	.300	146.90
.400	225.00	.400	170.20
.500	252.50	.500	181.70
.600	264.40	.600	187.80
.700	272.20	.700	189.50

CC220BA
220 cc intake runner /
64 cc combustion chamber

INTAKE		EXHAUST*	
LIFT	CFM	LIFT	CFM
.100	71.50	.100	64.10
.200	141.30	.200	115.40
.300	196.10	.300	145.10
.400	238.10	.400	169.80
.500	265.10	.500	189.30
.600	280.50	.600	201.70
.700	284.20	.700	207.60

CC235BA
235 cc intake runner /
64 cc combustion chamber

INTAKE		EXHAUST*	
LIFT	CFM	LIFT	CFM
.100	72.42	.100	55.70
.200	141.07	.200	107.50
.300	198.43	.300	138.10
.400	246.95	.400	168.10
.500	279.31	.500	186.60
.600	296.38	.600	195.30
.700	304.14	.700	200.10

* without pipe

Aluminum Intake Manifold

23 Degree Aluminum Intake Manifold

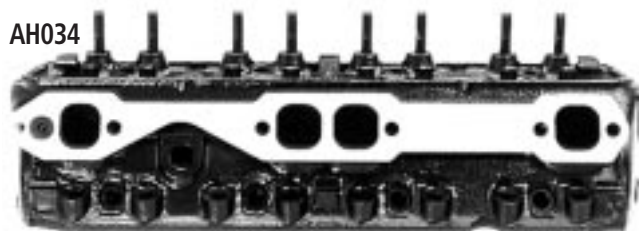
Designed specifically for use with Enginequest's Performance Small Block Chevrolet Cylinder Heads

- For 3500 to 8000 RPM High-Performance Engines (competition use only)
- Extended and Constant Cross-Sectional Runner Area
- Design Produces More Torque Across the Mid-Range
- Excellent Short Track Power and Throttle Response
- Better Corner Acceleration and 60-Foot Times
- Edelbrock Super Victor manifold designed for use with the EQ's 23 degree Small Block Chevrolet cylinder heads
- Intake runner rail thickness increased
- Distributor height lowered to match EQ 23 degree heads
- As cast runners fit well with Felpro # 1205 intake gasket. If port enlargement is desired, use Felpro # 1206 or equivalent.
- Mounting bolt holes have been slotted .100" up and down to allow the manifold to work with competition engines which may have been decked or resurfaced. (Note: on some cast iron head, the bottom of the slot may not be sealed by the gasket. If this occurs, just place a small amount of RTV silicone into affected area.)
- Will not accept stock EGR equipment



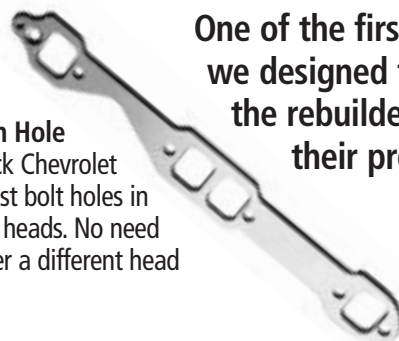
IN350

Cylinder Head Adaptors



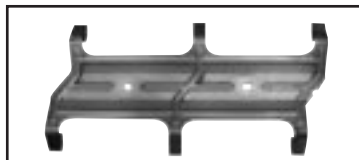
AH034

AH034 - Add a 7th Hole
Use early small block Chevrolet heads with 6 exhaust bolt holes in place of 7 bolt hole heads. No need to sell your customer a different head or manifold.



One of the first items we designed to help the rebuilder solve their problem!

Roller Lifter Retainers



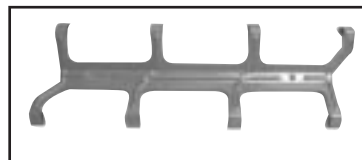
RLR262



RLR263



RLR264



RLR302



RLR350



RLC302



RLC350

DESCRIPTION	YEARS	ITEM & PART #
Ford 302 CID	86 - 97	Retainer EQ # RLR302*
		Clip EQ # RLC302*
Chevrolet Small Block	86 - 97	Retainer EQ # RLR350*
		Clip EQ # RLC350*
Chevrolet 4.3L	87 - 92 #10046165	Clip EQ # RLC350*
		Retainer EQ # RLR262*
		Retainer EQ # RLR263*
		Retainer EQ # RLR264*

* Reclaimed Item

Remanufactured Shaft Type Rocker Assemblies

All the quality of NEW... at a much lower cost

Sold outright - No exchange necessary.
In stock, available for immediate delivery.

- All parts are cleaned, shot blasted, and inspected
- All shafts are either new or hard chromed and precision ground back to OEM specs
- All rocker arm tips are refaced
- All worn rockers are reamed and bushed with bronze bushings
- All new plastic retainers where applicable
- All new springs where applicable



PART #	DESCRIPTION
RA231R	'77-'86 231/252 V6 Buick
RA350R	'70-'81 350 V8 Buick
RA455R	'70-'76 455 V8 Buick
RA226R	'81-'87 Chrysler Non-adjustable
RA318R	'67-'86 318, 360 Chrysler
RA171R	'74-'86 2.8L V6 Ford
RA177R	'86-'92 2.9L V6 Ford
RA244R	'90-'99 4.0L V6 Ford

Rocker Shaft Mounting Kits

PART #	DESCRIPTION
RB171N	Ford 171 CID. 2.8L V6 1974-86
RB200N	Ford 170, 200, 250, 1963-83 (new)
RB200U	Ford 170, 200, 250 V6 1977-86
RB231N	Buick 181, 231, 252 V6 1977-1991
RB318N	Chrysler V8 318, 360 1967-1991
RB390N	Ford V8 352, 360, 361, 390, 391, 428 V8 1958-78
RB400N	Ford V8 351C, 400 1970-82

1 kit per engine



Rocker Arm Products



RAB351



RG302



RS390R

RS171R



PART #	ITEM	DESCRIPTION
RAB351*	Rocker Arm Baffle	Ford V8 302, 351C, M, W, 400, 429 & 460
RG302	Rocker Arm Guide	Ford L6 300 1985-up / 302, 351W 1978 & up
RS390R*	Rocker Arm Oil Shield	Ford 330, 352, 360, 361, 390, 391 CID
RS171R*	Rocker Arm Oil Shield	Ford 171 CID

* Reclaimed Item

Valve Spring Retainers



VSR244

MAKE	DESCRIPTION	PART #	PIECES/PACK
FORD	1986 - 1992 2.9L 177 cid	VSR244	6
FORD	1990 - 2000 4.0L 244 cid	VSR244	6
CHRYSLER	1992 - 2004 5.2L 318 cid	VSR318	8
CHRYSLER	1992 - 2002 5.9L 360 cid	VSR318	8



VSR318

Cylinder Head Bolt Sets

If you need new head bolt sets, you've come to the right place! We carry one of the most complete lines in the industry. Remember, all of ours are per engine!

PART #	MFG	LITERS	CID	NOTES	YEARS	CLEVITE	CORTECO	FELPRO	PIONEER	ROL	SBI	TOPLINE	VICTOR
HB150N	AMC	2.5	150	1/2" head bolts	83 - 96								
HB259N	AMC	4.0	242		86 - 96						220-1090		
HB231N	Buick	3.3	204		89 - 93	216-7057 (2)		ES74031		MM23193 (2)	220-1024		GS33233 (2)
HB231N	Buick	3.8	231	Vin "L" - "C" - "1"	86 - 95	216-7057 (2)		ES74031		MM23193 (2)	220-1024		GS33233 (2)
HB181N	Buick	3.0	181		85 - 88	216-7044 (2)	66563	ES72726		MM22751 (2)	220-1012		GS33255 (2)
HB233N	Buick	3.8	231	Vin "3"	86 - 88	216-7058 (2)	67314	ES74022		MM23190			GS33237 (2)
HB123N	Chevrolet	2.0	121	OHV Alum Head	87 - 89			ES72158	S-121				GS33284
HB133N	Chevrolet	2.2	134	OHV Alum Head	90 - 99		67318 67397	ES74016		MM23303	220-1025		GS33294 GS33267
HB173N	Chevrolet	2.8	173		80 - 86	216-7054 (2)	67170	ES72857 (2)	S-173	MM23022	220-1019		GS33232 (2)
HB189N	Chevrolet	2.8	173	Vin "W"	86 - 94		67311	ES74018	S-173-A	MM23188	220-1019		GS33224 GS33225
HB189N	Chevrolet	3.1	189	Vin "T" - "W" except Cavalier	86 - 94		67311	ES74018	S-173-A	MM23188	220-1019		GS33224 GS33225
HB190N	Chevrolet	3.1	189	Vin "M"	94 - 96	216-7034 (2)	67312	ES74019		MM23236	220-1031		
HB207N	Chevrolet	3.1	189	Vin "J"	96 - 01			ES72892					
HB207N	Chevrolet	3.4	207	Vin "E"	00 - 01			ES72892					
HB262N	Chevrolet	4.3	262	V 6	85 - 97	216-7027 (2)		ES74034 (2)					GS33286 (2)
HB349N	Chevrolet	4.8	294	Truck	99 - 03			ES72173 (2)					
HB350N	Chevrolet	5.0	305	Small Block V8	66 - 97	216-7026 (2)	67315 (2)	ES72856 (2)	S-327 (2)	MM23184 (2)	220-1018 (2)		GS33285 (2)
HB305N	Chevrolet	5.0	305	Small Block V8	96 - 01								
HB349N	Chevrolet	5.3	325		99 - 03								
HB350N	Chevrolet	5.7	350	Small Block V8	66 - 97	216-7026 (2)	67315 (2)	ES72856 (2)	S-327 (2)	MM23184 (2)	220-1018 (2)		GS33285 (2)
HB305N	Chevrolet	5.7	350	Small Block V8	96 - 01								
HB349N	Chevrolet	5.7	346		97 - 03								
HB454N	Chevrolet	6.0	366	Big Block V8	66 - 94	216-7032 (2)			S-454 (2)				GS33287 (2)
HB349N	Chevrolet	6.0	364		99 - 03								
HB381N	Chevrolet	6.2	381	Diesel	82 - 93	216-7014 (2)	67319 (2)	ES72724 (2)		MM23025 (2)	220-1010 (2)		GS33193 (2)
HB454N	Chevrolet	6.5	396	Big Block V8	70 - 72	216-7032 (2)			S-454 (2)				GS33287 (2)
HB381N	Chevrolet	6.5	395	Diesel	92 - 01	216-7014 (2)	67319 (2)	ES72724 (2)		MM23025 (2)	220-1010 (2)		GS33193 (2)
HB350N	Chevrolet	6.6	400	Small Block V8	66 - 97	216-7026 (2)	67315 (2)	ES72856 (2)	S-327 (2)	MM23184 (2)	220-1018 (2)		GS33285 (2)
HB454N	Chevrolet	7.0	427	Big Block V8	66 - 94	216-7032 (2)			S-454 (2)				GS33287 (2)
HB454N	Chevrolet	7.4	454	Big Block V8	70 - 98	216-7032 (2)			S-454 (2)				GS33287 (2)
HB143N	Chrysler	2.0	2000 cc	SOHC Vin "C"	95 - 00		67606	ES72157			220-1074	HBC27	
HB145N	Chrysler	2.0	2000 cc	DOHC Vin "Y"	95 - 00			ES72166			220-1072 / 79	HBC26	
HB134N	Chrysler	2.2	135	10 mm	81 - 85	216-7104	66566	ES72118	S-135	MM23013	220-1000		GS33250
HBW134	Chrysler	2.2	135	10 mm Washer Set	81 - 85								
HB135N	Chrysler	2.2	135	11 mm	86 - 94	216-7015	66565	ES72723	S-153	MM22675	220-1009	HBC25	GS33184
HBW135	Chrysler	2.2	135	11 mm Washer Set	81 - 85								
HB135N	Chrysler	2.5	153	11mm	86 - 95	216-7015	66565	ES72723	S-153	MM22675	220-1009	HBC25	GS33184
HBW135	Chrysler	2.2	135	11 mm Washer Set	81 - 85								
HB156N	Chrysler	2.6	2600 cc		81 - 90			ES72860	S-156	MM23187	220-1022	HBC23	GS33325
HBW180	Chrysler	2.6	2600 cc	Head Bolt Washer Set	81 - 90								
HB166N	Chrysler	2.7	166	DOHC Vin "R", Vin "U"	98 - 04			ES72894 (2)			220-1077 (2)	HBC31	
HB180N	Chrysler	3.0	181		87 - 96		67320	ES72859	S-181 (2)	MM23014	220-1021	HBM119	GS33327
HBW180	Chrysler	3.0	181	Head Bolt Washer Set	87 - 96								
HB197N	Chrysler	3.2	197	Concord SOHC Vin "J"	98 - 01			ES72895 (2)					
HB202N	Chrysler	3.3	201		90 - 01		67153	ES72849 ES72163		MM23012	220-1017		GS33251 (2)
HB197N	Chrysler	3.5	215	Concord SOHC Vin "G"	98 - 04			ES72895 (2)			220-1086 (2)		
HB202N	Chrysler	3.8	231		90 - 01		67153	ES72849 ES72163		MM23012	220-1017		GS33251 (2)
HB239N	Chrysler	3.9	239	Vin "X" Magnum	92 - 03			ES71038					
HB318N	Chrysler	5.2	318		92 - 04			ES71308-1					
HB318N	Chrysler	5.9	360		92 - 03			ES71308-1					
HB149N	Dodge	2.5	150	Dakota	98 - 02			ES72896					

All bold listings are torque-to-yield

Cylinder Head Bolt Sets

If you need new head bolt sets, you've come to the right place! We carry one of the most complete lines in the industry. Remember, all of ours are per engine!

PART #	MFG	LITERS	CID	NOTES	YEARS	CLEVITE	CORTECO	FELPRO	PIONEER	ROL	SBI	TOPLINE	VICTOR
HB098N	Ford	1.6	98	4 cyl	81 - 85	216-7017	76996	ES72672	S-116	MM22538	220-1008		GS33163
HB098N	Ford	1.9	116		85 - 96	216-7017	76996	ES72672	S-116	MM22538	220-1008		GS33163
HB098N	Ford	2.0	122	SOHC Tracer / Escort Vin "P"	97 - 01	216-7017	76996	ES72672	S-116	MM22538	220-1008	HBFD7	GS33163
HB140N	Ford	2.3	140	OHC	74 - 97		67324	ES72137		MM23016	220-1006		GS33328
HB141N	Ford	2.3	140	HSC	84 - 92								GS33292
HB141N	Ford	2.5	153	HSC	84 - 92								GS33292
HB171N	Ford	2.8	171	Car & Truck	76 - 87								
HB177N	Ford	2.9	177		86 - 90	216-7054 (2)	66568	ES72794	S-177	MM23017	220-1016		GS33221
HB183N	Ford	3.0	183	Vin "U"	86 - 98	216-7021 (2)	67325	ES72136	S-182 (2)	MM23019	220-1005		GS33220 (2)
HB184N	Ford	3.0	183	S.H.O. Vin "Y"	89 - 95		67326	ES74030	PF-423	MM23251	220-1029		
HB185N	Ford	3.0	183	Vin "Z"	98 - 04			ES72174 (2)					
HB230N	Ford	3.8	232		82 - 88	216-7043 (2)	67329 (2)	ES72129 (2)	S-230 (1)	MM23182 (2)	220-1002 (2)		GS33194 (2)
HB184N	Ford	3.2	195	DOHC Vin "P"	93 - 95		67326	ES74030	PF-423	MM23251	220-1029		
HB232N	Ford	3.8	232		89 - 95	216-7036 (2)	67328 (2)	ES72131 (2)	S-232	MM23020 (2)	220-1004 (2)		GS33219 (2)
HB256N	Ford	3.8	232		96 - 99		67327 (2)	ES72160 (2)		MM23213 (2)	220-1034 (2)		GS33317
HB256N	Ford	3.9	238	OHV, Vin "4"	04			ES72160 (2)					
HB177N	Ford	4.0	244		90 - 01	216-7054 (2)	66568	ES72794	S-177	MM23017	220-1016		GS33221
HB256N	Ford	4.2	256	Vin "2"	96 - 04		67327 (2)	ES72160 (2)		MM23213 (2)	220-1034 (2)		
HB280N	Ford	4.6	250	SOHC / DOHC	91 - 04	216-7099 (2)	67330 (2)	ES72798 (2)	S-280 (2)	MM23021 (2)	220-1023 (2)		GS33269
HB302N	Ford	5.0	302		70 - 01	216-7038 (2)	67331 (2)	ES72155 (2)	S-302 (2)		220-1033 (2)		
HB280N	Ford	5.4	330	SOHC	97 - 04	216-7099 (2)	67330 (2)	ES72798 (2)	S-280 (2)	MM23021 (2)	220-1023 (2)		GS33269
HB370N	Ford	6.1	370	Truck Vin "H"	79 - 91								
HB413N	Ford	6.8	413	V10 Vin "S"	97 - 03						220-1071 (2)		
HB370N	Ford	7.0	429	Truck	79 - 91								
HB370N	Ford	7.5	460	Vin "L" - "G"	68 - 99								
HB061N	GEO	1.0	61	Sprint 3 cyl	85 - 92	216-7024	67317	ES74015		MM23302			GS33242
HB097N	GEO	1.6	98	4 cyl G16KC (Suzuki engine)	89 - 95							HBS24	GS33244
HB150N	Jeep	2.5	150	1/2" head bolt	83 - 96								
HB149N	Jeep	2.5	150	Cherokee, Wrangler	97 - 02			ES72896					
HB259N	Jeep	4.0	242		86 - 96						220-1090		
HB244N	Jeep	4.0	244	Grand Cherokee, Wrangler	96 - 04			ES71102			220-1091		
HB177N	Mazda	4.0	4015 cc	Vin "X", "8X", "ZZL" (O.H.C.)	91 - 00	216-7054 (2)	66568	ES72794	S-177	MM23017	220-1016		GS33221
HB156N	Mitsubishi	2.6	2600 cc		81 - 90			ES72860	S-156	MM23187	220-1022	HBC23	GS33325
HBW180	Mitsubishi	2.6	2600 cc	Head Bolt Washer Set	81 - 90								
HB180N	Mitsubishi	3.0	181		87 - 96		67320	ES72859	S-181 (2)	MM23014	220-1021	HBM19	GS33327
HBW180	Mitsubishi	3.0	181	Head Bolt Washer Set	87 - 96								
HB143N	Neon	2.0	2000 cc	SOHC	95 - 00		67606	ES72157			220-1074	HBC27	
HB145N	Neon	2.0	2000 cc	DOHC	95 - 00			ES72166			220-1072 / 79	HBC26	
HB142N	Oldsmobile	2.3	138	Quad 4 DOHC Vin "A", "D"	88 - 96	216-7123	66561	ES72727	S-138	MM23023	220-1013		GS33239
HB142N	Oldsmobile	2.3	138	Quad OHC Vin "3"	92 - 94			ES72727					
HB122N	Pontiac	1.8	112	Vin "O", "J"	82 - 86	216-7020	66560	ES72728	S-112B	MM22750	220-1014		GS33189 GS33222
HB122N	Pontiac	2.0	122	Vin "H", "K", "M"	87 - 94	216-7020	66560	ES72728	S-112B	MM22750	220-1014		GS33189 GS33222
HB151N	Pontiac	2.5	151		80 - 83								
HB152N	Pontiac	2.5	151	Vin "R"	84 - 91	216-7019	66562	ES72733	S-151	MM22752	220-1015		GS33190
HB153N	Pontiac	2.5	151	Vin "U"	85 - 91	216-7122	67310	ES72858	S-151-U	MM23186	220-1020		GS33266
HB199N	Toyota	2.0	1988 cc	Camry 3SFE	87 - 89		67338	ES74032		MM23308	220-1060		
HB216N	Toyota	2.2	2164 cc	Camry 5SFE	90 - 01		67337 67494	ES72154		MM23309			
HB144N	Toyota	2.4	2366 cc	22REC	85 - 96							HBT08	
HB179N	Toyota	3.0	2959 cc	3VZE SOHC / Truck	88 - 95						220-1052	HBT031	
HBW180	Toyota	3.0	2959 cc	3VZE SOHC / Truck Head Bolt Washer Set	88 - 95								
HB206N	Toyota	3.4	3377 cc	5VZFE Truck	95 - 01			ES72168 (2)			220-1048	HBT033	

All bold listings are torque-to-yield

Timing Cover Applications

N = New RM = Remanufactured R = Reclaimed

For use with TC460N

N



DT460

R



TC116A

R



TC116B

R



TC116C

N



TC116I

N



TC141I

N



TC142I

N



TC143I

TC14FR

RM



TC14RR

RM



N



TC173A

N



TC173B

N



TC173C

R



TC177R

RM



TC181A

RM



TC181B

RM



TC181C

TC181D

RM



TC181E

RM



TC181F

RM



RM



TC181G

R



TC183A

R



TC183B

R



TC183C

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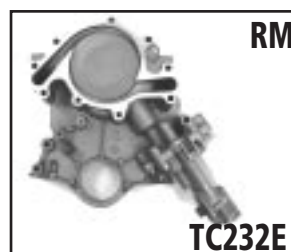
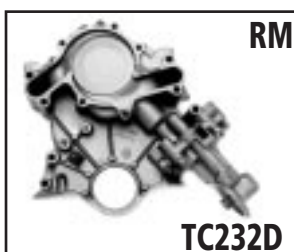
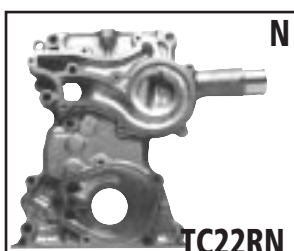
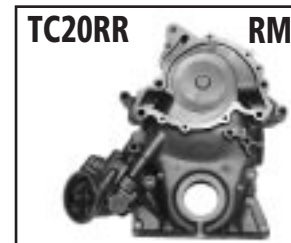
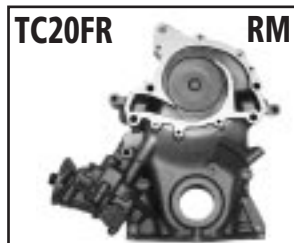
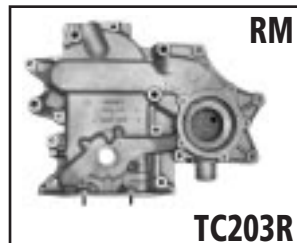
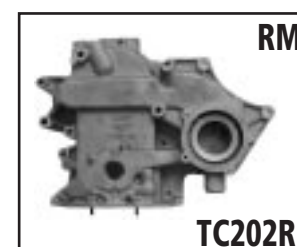
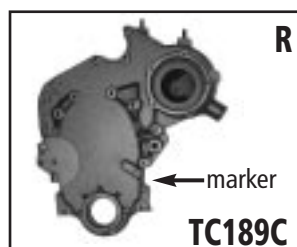
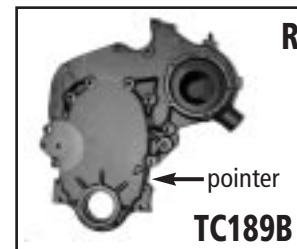
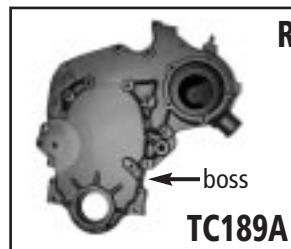
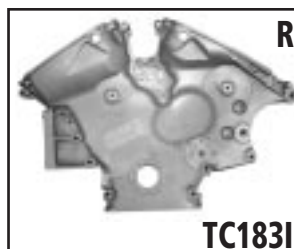
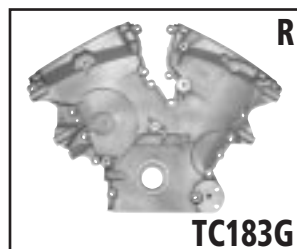
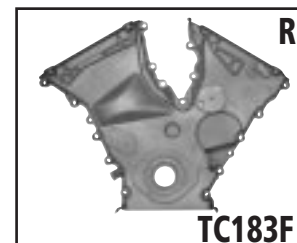
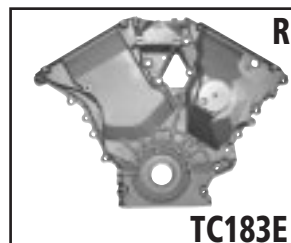
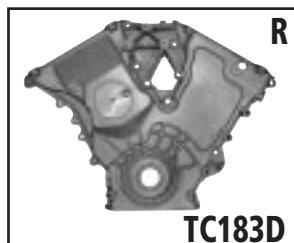
Timing Cover Application

N = New

RM = Remanufactured

R = Reclaimed

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Remanufacturing includes:

- All new internal parts (gears, shafts, springs & plungers)
- All castings thoroughly cleaned and inspected
- All gasket surfaces checked for flatness
- Full idle bench testing (200 degree, 10 weight oil)
- Oil flow (GPM) meets or exceeds OEM
- Oil pressure meets or exceeds OEM
- Relief valve operation checked
- Fully warranted

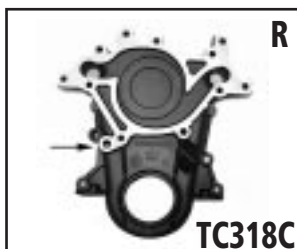
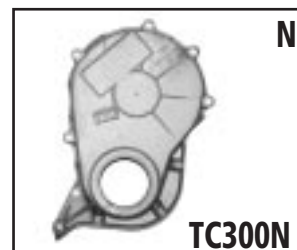
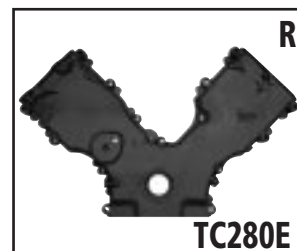
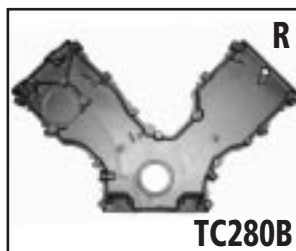
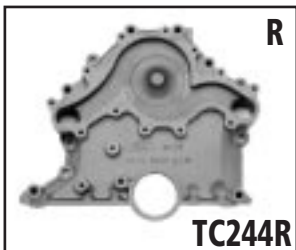
Reclaim covers:

- Have been cleaned
- Gasket surfaces refaced
- Holes checked

Timing Cover Applications

N = New RM = Remanufactured R = Reclaimed

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- Oil pressure meets or exceeds OEM
- Relief valve operation checked
- Fully warranted

Remclaim covers:

- Have been cleaned
- Gasket surfaces refaced
- Holes checked

Timing Cover Applications

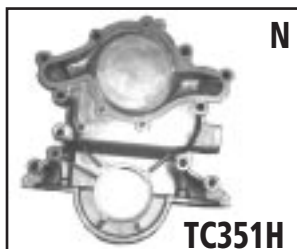
N = New

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TC351F



TC351H



TC361N



TC400R



TC454C



TC455R



TC460N



TC488A

Remember
to order
DT460



TC488B



TCC305



TCC349



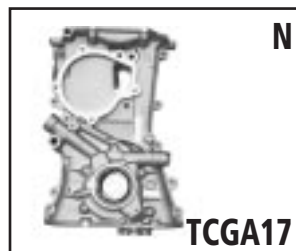
TCC350



TCC454



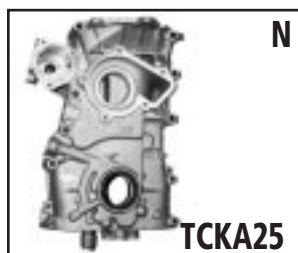
TCGA16



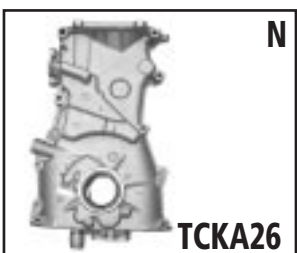
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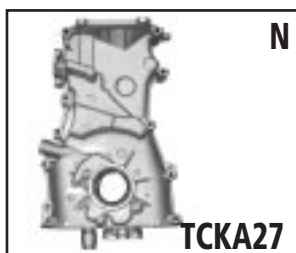
TCKA24



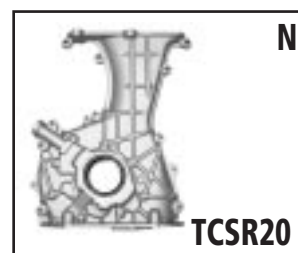
TCKA25



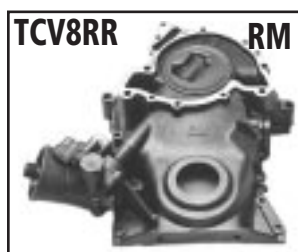
TCKA26



TCKA27

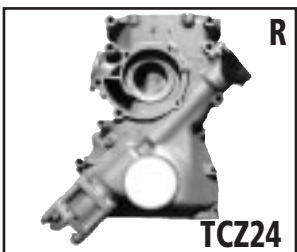


TCSR20



TCV8RR

RM



TCZ24



TM350C



TM454C

Remanufacturing includes:

- All new internal parts (gears, shafts, springs & plungers)
- All castings thoroughly cleaned and inspected
- All gasket surfaces checked for flatness
- Full idle bench testing (200 degree, 10 weight oil)
- Oil flow (GPM) meets or exceeds OEM
- Oil pressure meets or exceeds OEM
- Relief valve operation checked
- Fully warranted

Reclaim covers:

- Have been cleaned
- Gasket surfaces refaced
- Holes checked

Timing Cover Applications

N = New RM = Remanufactured R = Reclaimed

PART #	MFG	VEHICLE	ENG	LITERS	YEARS	CASTING # / OEM #	NOTES	TYPE	HOLLANDER
TC242R	AMC		150	2.5	83 - 02	53005768, 53020221, J3225186, 53020233		N	308-219A, 219B, 382
TC242R	AMC		232	3.8	75 - 79	53005768, 53020221, J3225186, 53020233		N	308-219A, 219B, 382
TC242R	AMC		242	4.0	93 - 01	53005768, 53020221, J3225186, 53020233		N	308-219A, 219B, 382
TC242R	AMC		258	4.2	75 - 86	53005768, 53020221, J3225186, 53020233		N	308-219A, 219B, 382
TC361N	AMC		290	4.7	66 - 69	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	AMC		304	5.0	70 - 81	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	AMC		343	5.6	67 - 69	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	AMC		360	5.9	70 - 91	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	AMC		390	6.4	68 - 70	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	AMC		401	6.6	70 - 78	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TS042	Buick		V6		78 - 85	Timing Cover Seal	Neoprene	N	
TC14FR	Buick	FWD Car	181	3.0	82 - 85		14 bolt oil pan	RM	308-211
TC181A	Buick	Car	181	3.0	85 -	25523276	splined pump, 1 bypass nipple	RM	
TC181B	Buick	Car	181	3.0	86 - 86	25524607	splined pump, 2 bypass nipples	RM	
TC181C	Buick	Car	181	3.0	86 - 88	25524607, 25530946, 25531877, 25526382	2 flats on drive, 2 bypass nipples, rear facing OFA	RM	308-154A
TC181D	Buick	Car	181	3.0	86 - 88	25526382, 25531877, 25529279, 25530946	2 flats on drive, 2 bypass nipples, front facing OFA, with cam sensor hole	RM	308-154B
TC20FR	Buick	Car FWD	181	3.0	85 - 85	25522652	20 bolt oil pan	RM	308-210
TC14RR	Buick	RWD Car	196	3.2	78 - 79		14 bolt oil pan	RM	308-208
TC181E	Buick	Car	204	3.3	89 - 90	25532382, 25533496	2 flats on drive, 2 bypass nipples, front facing OFA, with cam sensor hole	RM	308-267
TC14FR	Buick	FWD Car	231	3.8	84 - 85		14 bolt oil pan	RM	308-211
TC14RR	Buick	RWD Car	231	3.8	78 - 84		14 bolt oil pan	RM	308-208
TC20FR	Buick	Car FWD	231	3.8	85 - 85	25522652	20 bolt oil pan	RM	308-210
TC20RR	Buick	Car RWD	231	3.8	85 - 89	25522651	20 bolt oil pan	RM	308-209
TC181C	Buick	Car	231	3.8	86 - 87	25524607, 25530946, 25531877, 25526382	2 flats on drive, 2 bypass nipples, rear facing OFA	RM	308-154A
TC181D	Buick	Car	231	3.8	86 - 87	25526382, 25531877, 25529279, 25530946	2 flats on drive, 2 bypass nipples, front facing OFA, with cam sensor hole	RM	308-154B
TC181E	Buick	Car	231	3.8	89 - 90	25532382, 25533496	2 flats on drive, 2 bypass nipples, front facing OFA, with cam sensor hole	RM	308-267
TC181F	Buick	Car	231	3.8	89 - 90	25532382, 25533496	2 flats on drive, 2 bypass nipples, front facing OFA, without cam sensor hole	RM	308-212
TC181G	Buick	Car	231	3.8	93 - 95	24502348, 24503274		RM	308-392
TC14RR	Buick	RWD Car	252	4.1	80 - 84		14 bolt oil pan	RM	308-208
TCV8RR	Buick		300	4.9	65 - 66	1254992		RM	308-116
TCV8RR	Buick		340	5.6	66 - 67	1254992		RM	308-116
TCV8RR	Buick		350	5.7	68 - 76	1254992		RM	308-116
TC455R	Buick	Car	400	6.6	67 - 69			RM	
TC455R	Buick	Car	430	7.0	67 - 69			RM	
TC455R	Buick	Century, Regal, Riviera	455	7.5	67 - 76			RM	
TC173A	Chevrolet	S10	173	2.8	82 - 86	14100617, 12509037	for Goodwrench engine	N	
TC173B	Chevrolet	Blazer, Camaro, Firebird, S10	173	2.8	87 - 92	14090537, 10049009		N	308-137
TC173C	Chevrolet	Blazer, Camaro, Firebird, S10	173	2.8	82 - 86	14024263, 14033526, 14048323		N	308-136
TC173B	Chevrolet	Camaro, Firebird	189	3.1	90 - 92	14090537, 10049009		N	308-137
TC189A	Chevrolet		189	3.1	-	10070144	boss @ 2 o'clock	R	
TC189B	Chevrolet		189	3.1	-	10071044	pointer @ 2 o'clock	R	
TC189C	Chevrolet		189	3.1	-	10226111	marker @ 2 o'clock	R	
TC189D	Chevrolet		189	3.1	-	24505739, 34505740	marker @ 2 o'clock	R	
TC189E	Chevrolet		189	3.1	-	24505739, 34505740		R	
TC262P	Chevrolet	Car & Truck	262	4.3	96 - 03	12554555, 12554557	with open sensor hole	N	308-434
TCC350	Chevrolet	Car & Truck	305	5.0	79 - 79	10243963	Metal 8" balancer	N	308-128
TCC305	Chevrolet	Car & Truck	305	5.0	80 - 95	12531283, 12523974	Metal 6-3/4" balancer	N	308-130, 131

Timing Cover Applications

N = New RM = Remanufactured R = Reclaimed

PART #	MFG	VEHICLE	ENG	LITERS	YEARS	CASTING # / OEM #	NOTES	TYPE	HOLLANDER
TC350M	Chevrolet	Marine	305	5.0	86 - 95		Metal 6-3/4" balancer	N	New
TC350C	Chevrolet	Car & Truck	305	5.0	79 - 95		Chrome	N	New
TM350C	Chevrolet	Car & Truck	305	5.0	79 - 95		Chrome Timing Marker	N	New
TC350P	Chevrolet	Car & Truck	305	5.0	96 - 02	12558343, 12562818	with open sensor hole	N	308-436
TCC350	Chevrolet	Car & Truck	350	5.7	67 - 79	10243963	Metal 8" balancer	N	308-128
TCC305	Chevrolet	Car & Truck	350	5.7	80 - 95	12531283, 12523974	Metal 6-3/4" balancer	N	308-130, 131
TC350C	Chevrolet	Car & Truck	350	5.7	67 - 95		Chrome	N	
TM350C	Chevrolet	Car & Truck	350	5.7	67 - 95		Chrome Timing Marker	N	
TC350M	Chevrolet	Marine	350	5.7	86 - 95		Metal 6-3/4" balancer	N	New
TC350P	Chevrolet	Car & Truck	350	5.7	96 - 02	12558343, 12562818	with open sensor hole	N	308-436
TCC350	Chevrolet	Car & Truck	400	6.6	70 - 80	10243963	Metal 8" balancer	N	308-128
TC350C	Chevrolet	Car & Truck	400	6.6	70 - 80		Chrome	N	
TCC454	Chevrolet	Car & Truck	396	6.5	65 - 70	3885048, 330850	Black painted	N	308-158A, B
TC454C	Chevrolet	Car & Truck	396	6.5	65 - 70	3885048, 330850	Chrome	N	308-158A, B
TM454C	Chevrolet	Car & Truck	396	6.5	65 - 70		Chrome Timing Marker	N	
TCC454	Chevrolet	Car & Truck	427	7.0	68 - 90	3885048, 330850	Black painted	N	308-158A, B
TC454C	Chevrolet	Car & Truck	427	7.0	68 - 90	3885048, 330850	Chrome	N	308-158A, B
TM454C	Chevrolet	Car & Truck	427	7.0	68 - 90		Chrome Timing Marker	N	
TCC454	Chevrolet	Car & Truck	454	7.4	68 - 90	3885048, 330850	Black painted	N	308-158A, B
TC454C	Chevrolet	Car & Truck	454	7.4	68 - 90	3885048, 330850	Chrome	N	308-158A, B
TM454C	Chevrolet	Car & Truck	454	7.4	68 - 90		Chrome Timing Marker	N	
TC202R	Chrysler	Caravan, Dynasty Imperial, New Yorker, Town & Country, Voyager	201	3.3	90 - 97	4448877		RM	308-316
TC203R	Chrysler	LH car only	201	3.3	90 - 96	5211164		RM	
TC225A	Chrysler	Dakota	225	3.7	04 - 05	53020793		R	308-569
TC225A	Chrysler	Durango	225	3.7	04 - 05	53020793		R	308-569
TC225A	Chrysler	Pickup	225	3.7	02 - 05	53020793		R	308-569
TC202R	Chrysler	Caravan, Dynasty, Imperial, New Yorker, Town & Country, Voyager	231	3.8	94 - 00	4448877		RM	308-316
TC318B	Chrysler	Car, Truck & Van	239	3.9	79 - 91	2951698, 3769966	2-1/4" seal hole	R	308-245B
TC318C	Chrysler	Car, Truck & Van	239	3.9	92 - 96	53006705		R	308-345
TC318D	Chrysler	Car, Truck & Van	239	3.9	97 - 99	53020196		R	308-491
TC318N	Chrysler	Car, Truck & Van	318	5.2	70 - 78	2951698, 3769966	3-3/16" seal hole	N	308-245A
TC318B	Chrysler	Car, Truck & Van	318	5.2	79 - 91	2951698, 3769966	2-1/4" seal hole	R	308-245B
TC318C	Chrysler	Car, Truck & Van	318	5.2	92 - 96	53006705		R	308-345
TC318D	Chrysler	Car, Truck & Van	318	5.2	97 - 99	53020196		R	308-491
TC318N	Chrysler	Car, Truck & Van	340	5.6	70 - 73	2951698, 3769966	3-3/16" seal hole	N	308-245A
TC318B	Chrysler	Car, Truck & Van	360	5.9	79 - 91	2951698, 3769966	2-1/4" seal hole	R	308-245B
TC318E	Chrysler	Pickup, Van, Ramcharger	360	5.9	90 - 93	4483753		R	308-346
TC318C	Chrysler	Car, Truck & Van	360	5.9	92 - 96	53006705		R	308-345
TC318D	Chrysler	Car, Truck & Van	360	5.9	97 - 99	53020196		R	308-491
TC318N	Chrysler	Car, Truck & Van	360	5.9	70 - 78	2951698, 3769966	3-3/16" seal hole	N	308-245A
TC488A	Chrysler	Truck	488	8.0	94 - 97	53005820, 53020971	pressure relief valve is on left side of cover	R	308-374
TC488B	Chrysler	Truck	488	8.0	98 - 03	53006826	can be used in place of TC488A (pressure relief is on right side of cover)	R	308-374
TC116I	Ford	Car	116	1.9	85 - 90	E6FZ9019B	Inner, Plastic	N	308-283 & 284
TC141I	Ford	Car & Truck	140	2.3	74 - 88	D4FZ6019C, E3ZZ6019B	Inner, Plastic	N	308-274
TC142I	Ford	Car & Truck	140	2.3	89 - 94	F3ZZ6019B	Inner, Plastic	N	308-327
TC143I	Ford	Car & Truck	140	2.3	95 - 99	F57Z6019C	Inner, Plastic	N	308-455
TC177R	Ford	Bronco II, Ranger	177	2.9	87 - 92	86TM6059		R	308-295
TC183A	Ford	Aerostar, Sable, Taurus	183	3.0	86 - 90	E6AE6059AE, E9DE		R	308-299
TC183B	Ford	Aerostar, Ranger, Sable, Taurus	183	3.0	90 - 92	F1DE6059HA		R	308-300
TC183C	Ford	Ranger, Sable, Taurus	183	3.0	93 - 94	F5DE6059AB		R	308-409A
TC183D	Ford	Sable, Taurus	183	3.0	96 - 00	F6DE6D080BJ, F8DE6D080AB, F8DZ6019AA	cam position sensor upper right, crank position sensor lower left, belt tensioner left	R	308-450A, 450B

Timing Cover Applications

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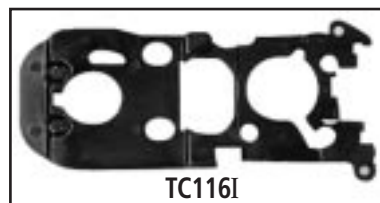
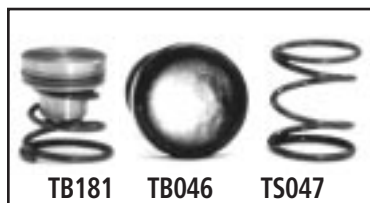
PART #	MFG	VEHICLE	ENG	LITERS	YEARS	CASTING # / OEM #	NOTES	TYPE	HOLLANDER
TC183E	Ford	Sable, Taurus	183	3.0	00 - 04	1F1E6D080AB, 2F1Z6019AA	cam position sensor upper right, crank position sensor lower left, belt tensioner right	R	308-540A, 540B
TC183F	Ford	Escape	183	3.0	01 - 04	1S7E6D080AD, 1S7Z6019BA	cam position sensor upper right, crank position sensor lower right, belt tensioner right	R	308-542
TC232A	Ford	Car & Truck	232	3.8	82 - 85	E2AE6059DC	with mechanical fuel pump	RM	308-296
TC232B	Ford	Car & Truck	232	3.8	86 - 87	E4AE6059B	with electric fuel pump	RM	308-297
TC232C	Ford	Car & Truck	232	3.8	88 - 93	E7DE6059FA, D9DE6059BB		RM	308-350A
TC232D	Ford	Car & Truck	232	3.8	94 - 95	F46E6059BA	with ECC mount	RM	308-350B
TC232E	Ford	Car & Truck	232	3.8	96 - 99	F65E6059AE, F65E6F008AD, F65EAD, F75E6F008AA, F75EAD		RM	308-451
TC300N	Ford	Truck & Van	240	3.9	65 - 97	E5TE6019H		N	308-293
TC244R	Ford	Aerostar, Explorer, Mountaineer, Ranger (O.H.V & S.O.H.C.)	244	4.0	90 - 03	90TM6059, 95TM, 97JM		R	308-306, 470, 471A, 471B
TC232E	Ford	Car & Truck	256	4.2	97 - 00	F65E6059AE, F65E6F008AD, F65EAD, F75E6F008AA, F75EAD		RM	308-451
TC280A	Ford	Crown Victoria, Grand Marquee, Town Car	280	4.6	91 - 92	F1AE, F2AE, F1AZ6019A	Does not have any cast and drilled bosses for tensioner. Has 15 small 8.0mm mounting bolt holes.	R	308-326
TC280B	Ford	Cougar, Crown Victoria, Marquee, Town Car, Thunderbird	280	4.6	92 - 95	F3AW, F5AE, F5AZ9019A	Has six cast and drilled bosses for tensioner. Has 15 small 8.0mm mounting bolt holes.	R	308-379A, 379B, 379C
TC280C	Ford	Cougar, Crown Victoria, Grand Marquee, Town Car, Mustang	280	4.6	96 - 00	F65AE, F7AE, F7ZE, F8ZE, F8ZZ6019CA	Has six cast and drilled bosses for tensioner, 10 (large) 10.0mm bolt when used and 5 (small) 8.0mm mounting bolt. Mounting bolt location by water pump is .250" higher than prior years.	R	308-453
TC280D	Ford	Crown Victoria, Grand Marquee, Town Car, Mustang	280	4.6	99 - 00	XR3R-BB, XR3Z6019BA	Has revised four bolt boss mount for 2000 tensioner, 10 (large) 10.0mm bolt Mustang and 5 (small) 8.0mm mounting bolt holes.	R	308-531A
TC280E	Ford	Crown Victoria, Grand Marquee, Town Car, Mustang	280	4.6	01 - 03	2W7E, 2W7Z6019AA	Has revised four bolt boss mount for tensioner, 10 (large) 10.0mm bolt and 5 (small) 8.0mm mounting bolt holes.	R	308-531B
TC280F	Ford	Expedition, F150, F250, Van	280	4.6	97 - 01	F65E, F65Z6019AB	Has six cast and drilled bosses for 2001 Windsor tensioner in a different pattern. Has when used 10 (large) 10.0mm bolt and 5 (small) 8.0mm mounting bolt holes	R	308-473A
TC280G	Ford	F150, Van	280	4.6	99 - 03	2L3E, 2L3Z6019AA	Has six cast and drilled bosses for 2003 Windsor tensioner in a different pattern. Has when used 10 (large) 10.0mm bolt and 5 (small) 8.0mm mounting bolt holes, MOM but does not use advance pointer can be used for FF4608/CN 2L3E	R	308-552
TC280H	Ford	Truck	280	4.6	02 - 04	2L3E, 2L3Z6019AA	Has six cast and drilled bosses for Windsor tensioner in a different pattern. Has when used 10 (large) 10.0mm bolt and 5 (small) 8.0mm mounting bolt holes, MOM have but does use the 30o advance pointer can be used for FF4607/CN 2L3E.	R	
TC280I	Ford	Explorer, Expedition, Truck	280	4.6	02 - 05	1L2E, 2L1E, 2L2E, 3L3E, 2L1Z6019BA, 2L2Z9019AA, 2L2Z9019AA, 3L3Z6019AA	Has high mount power steering pump on drivers side with boss changes for mounting, belt idler mounting location added.	R	
TC300N	Ford	Truck & Van	300	4.9	65 - 97	E5TE6019H		N	308-293
TC351A	Ford	Car, Truck & Van	302	5.0	69 - 84	D40E, D7AE, D9TE		N	308-302A, B
TC351C	Ford	Truck & Van	302	5.0	83 - 86	E0AE, E3AE6059CA	With Ecc mount	N	308-460A
TC351C	Ford	Car	302	5.0	83 - 89	E0AE, E3AE6059CA	With Ecc mount	N	308-460A
TC351E	Ford	Cougar, Mustang, Thunderbird	302	5.0	81 - 95	E5AE, E8AE	with electric fuel pump mount	N	308-323
TC351F	Ford	Truck & Van	302	5.0	87 - 97	E7TE6059BA, F6TE6059NA		N	308-313A, 313B
TC351H	Ford	Explorer, Mountaineer, Mustang	302	5.0	96 - 01	F67Z6019AA, F1SE6059BC, F87E6059AA		N	308-457
TC351A	Ford	Car, Truck & Van	351W	5.8	69 - 84	D40E, D7AE, D9TE		N	308-302A, B
TC351C	Ford	Truck & Van	351W	5.8	83 - 86	E0AE, E3AE6059CA	With Ecc mount	N	308-460A
TC351C	Ford	Car	351W	5.8	83 - 89	E0AE, E3AE6059CA	With Ecc mount	N	308-460A
TC351F	Ford	Truck & Van	351W	5.8	87 - 97	E7TE6059BA, F6TE6059NA		N	308-313A, 313B
TC460N	Ford	Car, Truck & Van	429	7.0	69 - 78	E8TE6059AA		N	308-309, 312, 410

Timing Cover Applications

N = New RM = Remanufactured R = Reclaimed

PART #	MFG	VEHICLE	ENG	LITERS	YEARS	CASTING # / OEM #	NOTES	TYPE	HOLLANDER
DT460	Ford	Car, Truck & Van	429	7.0	69 - 78	C8SZ6754A	Dip Stick Tube	N	
TC460N	Ford	Car, Truck & Van	460	7.5	69 - 97	E8TE6059AA		N	308-309, 312, 410
DT460	Ford	Car, Truck & Van	460	7.5	69 - 97	C8SZ6754A	Dip Stick Tube	N	
TC173B	Isuzu	Trooper	173	2.8	89 - 91	14090537, 10049009		N	308-137
TC173B	Isuzu	Rodeo	189	3.1	91 - 92	14090537, 10049009		N	308-137
TC173B	Isuzu	Pickup	189	3.1	91 - 94	14090537, 10049009		N	308-137
TC183G	Jaguar		183	3.0	00 - 03	XW4E6D080AD, XW4Z6019AA, 1W4Z6019AA	cam position sensor upper right, crank position sensor lower left	R	308-532, 579, 590
TC183I	Jaguar		183	3.0	03 - 04	1X4E6D080AD	2 cam position sensor upper, crank position sensor lower left	R	
TC242R	Jeep		150	2.5	83 - 02	53005768, 53020221, J3225186, 53020233		N	308-219A, 219B, 382
TC225A	Jeep	Cherokee	225	3.7	05 - 05	53020793		R	308-569
TC225A	Jeep	Liberty	225	3.7	02 - 05	53020793		R	308-569
TC242R	Jeep		232	3.8	75 - 79	53005768, 53020221, J3225186, 53020233		N	308-219A, 219B, 382
TC242R	Jeep		242	4.0	93 - 01	53005768, 53020221, J3225186, 53020233		N	308-219A, 219B, 382
TC242R	Jeep		258	4.2	75 - 86	53005768, 53020221, J3225186, 53020233		N	308-219A, 219B, 382
TC361N	Jeep		290	4.7	66 - 69	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	Jeep		304	5.0	70 - 81	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	Jeep		343	5.6	67 - 69	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	Jeep		360	5.9	70 - 91	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	Jeep		390	6.4	68 - 70	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC361N	Jeep		401	6.6	70 - 78	J8129373, 3226242 (oil filter housing)		N	308-218A, B, C, D
TC183G	Lincoln	LS	183	3.0	00 - 03	XW4E6D080AD, XW4Z6019AA, 1W4Z6019AA	cam position sensor upper right, crank position sensor lower left	R	308-532, 579, 590
TC183H	Lincoln	LS	183	3.0	03 - 06	3W4E6D080AD, 3W4Z6019AA	2 cam position sensor upper, crank position sensor lower left	R	
TC183F	Mazda	Tribute	183	3.0	01 - 04	1S7E6D080AD, 1S7Z6019BA	cam position sensor upper right, crank position sensor lower right, belt tensioner right	R	
TC244R	Mazda	B-4000, Navajo	244	4.0	91 - 03	90TM6059, 95TM, 97JM		R	308-306, 470, 471A, 471B
TC183F	Mercury	Cougar	155	2.5	01 - 02	1S7E6D080AD, 1S7Z6019BA	cam position sensor upper right, crank position sensor lower right, belt tensioner right	R	308-542
TCGA17	Nissan	Sentra, 200SX	GA16DE	1.6	91 - 00	13500-0M301 13500-53Y02 13500-F4300		N	308-58573
TCGA16	Nissan	Sentra	GA16I	1.6	89 - 90	13500-77A01		N	308-58232
TC SR20	Nissan	Sentra	SR20DE	2.0	91 - 00	13500-53J00		N	308-58375
TCZ24	Nissan	Pickup, Pathfinder	Z24	2.4	83 - 89		truck only	R	308-58038
TCKA24	Nissan	Stanza, Axxes	KA24	2.4	90 - 92	13500-30R00		N	308-58215
TCKA25	Nissan	240SX	KA24DE	2.4	91 - 94	13500-53F00		N	308-58373
TCKA26	Nissan	Altima	KA24DE	2.4	93 - 97	13500-1E402		N	308-58507
TCKA27	Nissan	Altima	KA24DE	2.4	98 - 00	13500-1E404		N	308-58741
TC173B	Isuzu	Trooper	173	2.8	89 - 91	14090537, 10049009		N	308-137
TC173B	Isuzu	Rodeo	189	3.1	91 - 92	14090537, 10049009		N	308-137
TC173B	Isuzu	Pickup	189	3.1	91 - 94	14090537, 10049009		N	308-137
TC301R	Pontiac	Car	265	4.3	80 - 81		without timing mark	R	308-140
TC301R	Pontiac	Car	301	4.9	77 - 81		without timing mark	R	308-140
TC400R	Pontiac	Car	301	4.9	69 - 77		with timing mark	R	308-141
TC400R	Pontiac	Car	350	5.7	69 - 77		with timing mark	R	308-141
TC400R	Pontiac	Car	400	6.6	69 - 77		with timing mark	R	308-141
TC301R	Pontiac	Car	400	6.6	77 - 81		without timing mark	R	308-140
TC400R	Pontiac	Car	455	7.5	70 - 76		with timing mark	R	308-141
TC116A	Saturn	SC	119	1.9	91 - 92		D.O.H.C.	R	308-506
TC116B	Saturn	SC2, SW2	119	1.9	93 - 97	21006371	D.O.H.C. with 10mm top mounting holes	R	308-333
TC116C	Saturn	SL2, SW2	119	1.9	98 - 02		D.O.H.C.	R	308-518
TC22EL	Toyota	Car & Truck	20R, 22R	2.0	78 - 84	11302-38010	11-1/4" tall 3-1/2" water neck	N	308-54354A, B
TC22RN	Toyota	Truck	22REC	2.4	85 - 96	11302-35010	11-1/8" tall	N	308-58033

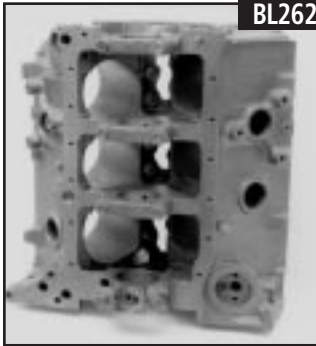
Timing Tensioners and Components



PART #	MFG	ENGINE	DESCRIPTION	OEM#	YEARS
TB046	Buick	V6 3.0L, 3.2L, 3.8L, 4.1L	Camshaft Thrust Button	1250948	82-88
TS047	Buick	V6 3.0L, 3.2L, 3.8L, 4.1L	Camshaft Thrust Button Spring	1254199	82-88
TT061	Buick	V6 231 CID	Timing Chain Tensioner	25535668	85-94
TB181	Buick	V6 3.8L 231 CID	Camshaft Roller Type Thrust Button	25532588	85-88
TT059	Buick	V6	Timing Chain Dampner Left Side	1354138	
TT060	Buick	V6	Timing Chain Dampner Right Side	1356634	64-87
TT046	Chevrolet	2.0L 121 CID 2.2L 134 CID	Timing Chain Tensioner	14081712	82-89 89-95
TD173	Chevrolet	V6 2.8L 173 CID	Timing Chain Dampner	477264	Up to 88
TD174	Chevrolet	V6 2.8L, 3.1L 173, 189 CID	Timing Chain Dampner	14078822	89-95
TC116I	Ford	1.9L	New Inner Belt Cover	E6FZ6019B	85-90
TC141I	Ford	2.3L 140 CID OHC	Inner Timing Belt Cover (Plastic)	D4FZ6019C, E3ZZ6019B	74-88
TC142I	Ford	2.3L 140 CID OHC	Inner Timing Belt Cover (Plastic)	F3ZZ6019B	89-94
TC143I	Ford	2.3L 140 CID OHC	Inner Timing Belt Cover (Plastic)	F57Z6019C	95-99
TT140	Ford	2.3L 140 CID OHC	Timing Belt Tensioner Spring	D4FZ6L273A, F47Z6L273A	74-99
TB140N	Ford	2.3L 140 CID OHC	Tensioner Spring Stud	E9T26K282A	74-99
TB141N	Ford	2.3L 140 CID OHC	Tensioner Spring Stop	E7ZZ6E008A	74-99
TT049	Ford	2.9L 177 CID, 4.0L 244 CID	Timing Chain Tensioner	E6T26K254A	86-96
TT055	Ford	2.9L 177 CID	Timing Chain Guide	E6T26K297A	86-90
TT232	Ford	3.8L 232 CID, 4.2L 256 CID	Timing Chain Tensioner	F0D26K254A	89-99
CG156N	Mitsubishi	2.6L (G54)	Lower Right Chain Guide	MD021114	74-89

Visit us on the internet
WWW.ENGINEQUEST.COM

Marine Bare Block Cores



BL262U



BL262U - General Motors 4.3L Roller Cam V6 Bare Block Core. Ready for remanufacturing. Block has been baked, blasted, magnafluxed and drilled for mechanical fuel pump. Cylinder bores, main saddles and lifter galley have been inspected. Ready for remanufacturing. Block may need to be line honed.



BL350U



BL350U - General Motors 5.7L 350 CID Bare Block Core. 1 piece rear seal, roller cam, 2 bolt main. This is a core. Block has been baked, blasted, magnafluxed and drilled for mechanical fuel pump. Cylinder bores, main saddles and lifter galley have been inspected. Ready for remanufacturing. Block will have to be bored. Block may need to be line honed.

Carburetor Adaptor

CA200 - Converts 1970-79 200/250 CID Ford Engines with 1-3/4" carburetor mount to fit in pre-1969 engines with 1-1/2" carburetor mount. Looks factory original. A must for Ford auto restorers.



Fuel Pump Block Off Plates

BOP076 - Universal Style Plate
GOP076 - Universal Style Gasket

Fits:

- Fords - all except 2.8L, 351C, 351M, 400
- Dodge - all domestic
- Pontiac - all V8
- Chevrolet - Big Block, 250, 292
- AMC - 6 CYL, V8
- Buick - V6, V8



BOP076

BOP087 - Small Block Chevrolet
GOP087 - Small Block Chevrolet Gasket -

Fits Chevrolet - all small block (4 hole).



BOP087

Timing Cover Horse Shoe Plate

PART #	DESCRIPTION	OEM#
HS171N	Ford V6 2.8L 171CID	D4ZZ6B070A
DP171N	Mounting Dowel	D2RY6178B

HS171N



Crankshafts

**NEW
ITEMS**



New STD/STD cranks.
No welds, no grinding -
Just drop in and go!

New Crankshaft

PART #	MFG	DESCRIPTION	YEARS
CS381	Chevrolet	6.5L 381 CID	92-01 1 piece
CS022	Chevrolet	7.0L 427 CID	90-up 1 piece/cast
CS454	Chevrolet	7.4L 454 CID, 2 pc. seal	70-90
CS256	Ford	4.2L 256 CID	97-02
CS351	Ford	5.8L 351W	69-90 1 piece seal
CS015	Ford	5.9L 361HD	
CS428	Ford	7.0L 428 CID	66-70
CS179	Toyota	3.0L 3VZE SOHC	88-95
CS179	Toyota	3.4L 5VZ DOHC	95-02

Major time and money saver. No need to worry about bent, broken or even damaged snouts!

Import Timing Sets

All sets include the required gaskets and seals

**IMPROVED
DESIGNS**



TCS068

Mitsubishi 2.6L 1986 - 89



TCS070

Toyota 22REC 1985 - 95

Woodruff Keys



WK173



WK460

PART #	DESCRIPTION
WK173	Chevrolet 2.8 & 3.1L OEM #14089209
WK460	Ford 460 CID (1/4" - 55/64") OEM #391171S

New Harmonic Balancers

We have searched the world over to bring you the finest quality!



BA140N



BA204A



BA204B



BA204C

PART #	MFG	LITERS	CID	YEARS	NOTES
BA242N	AMC	4.0	242	87-02	Jeep
BA204A	Buick	3.3	204	89-90	Full Size
BA204B	Buick	3.3	204	91-92	Full Size
BA204C	Buick	3.3	204	93	Full Size
BA231A	Buick	3.8	231	86-88	Full Size
BA231B	Buick	3.8	231	89-90	Full Size
BA231C	Buick	3.8	231	91-92	Full Size
BA231D	Buick	3.8	231	93-94	Full Size
BA250N	Chevrolet	4.1	250	67-75	Double Groove
BA251N	Chevrolet	4.1	250	75-76	Double Groove
BA252N	Chevrolet	4.1	250	77-84	Double Groove
BA292N	Chevrolet	4.8	292	75-89	Truck, Double Groove
BA349N	Chevrolet	5.0, 5.7	305, 350	69-93	Car & Truck 8" Solid
BA350N	Chevrolet	5.0, 5.7	305, 350	69-95	Car & Truck 6-3/4" Solid
BA304N	Chevrolet	5.0, 5.7	305, 350	77-86	Car & Truck 8" Hollow
BA305N	Chevrolet	5.0, 5.7	305, 350	79-93	Car & Truck 6-3/4" Hollow
BA396N	Chevrolet	6.5	396	65-72	Big Block
BA400N	Chevrolet	6.6	400	69-80	Small Block
BA454N	Chevrolet	7.4	454	70-90	Big Block
BA140N	Ford	2.3	140	90-94	Tempo, Topaz
BA232B	Ford	3.8	232	88-95	Taurus, Sable, Continental
BA232A	Ford	3.8	232	94-97	T-Bird, Mustang, Windstar
BA289N	Ford	4.7	289	65-69	3 bolt
BA302N	Ford	5.0	302	84-95	Car & Truck E4TE, E4TZ
BA351N	Ford	5.8	351W	88-97	Truck E8TZ, E8TE
BA390N	Ford	5.9, 6.4, 7.0	360, 390, 427, 428	66-76	Car & Truck
BA460N	Ford	7.0, 7.5	429, 460	68-97	Truck D9TE



BA231A



BA231B



BA231C



BA231D



BA232A



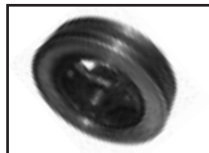
BA232B



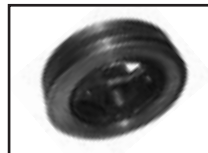
BA242N



BA250N



BA251N



BA252N



BA289N



BA292N



BA302N



BA304N



BA305N



BA349N



BA350N



BA351N



BA390N



BA396N



BA400N



BA454N



BA460N



NEW LISTINGS

Oil Pans

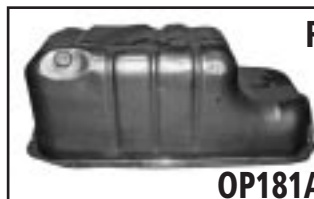
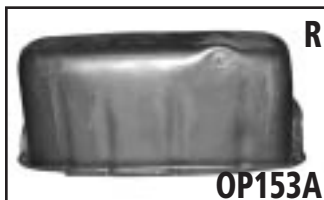
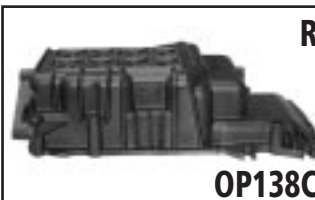
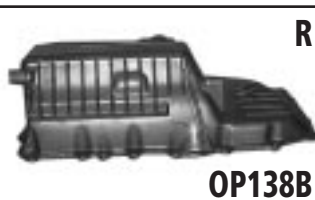
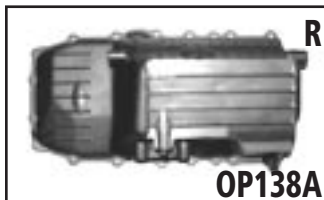
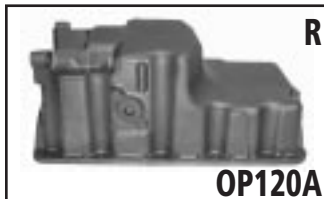
Reclaimed oil pans have been cleaned, inspected, and painted.

R = RECLAIMED N = NEW

Reclaimed includes:

- Thermally cleaned
- Painted
- Inspected for holes

Images available
online at
www.enginequest.com



Oil Pans Continued On Next Page

Reclaimed oil pans have been cleaned, inspected, and painted.

R = RECLAIMED N = NEW

Reclaimed includes:

- Thermally cleaned
- Painted
- Inspected for holes

 R OP183E	 R OP189A	 R OP202A	 R OP225A
 R OP231A	 R OP232A	 R OP232B	 R OP232C
 R OP232D	 R OP232E	 R OP232F	 R OP232G
 R OP232H	 R OP239A	 R OP239B	 R OP242A
 R OP244A	 R OP252A	 R OP258A	 R OP262A
 R OP262B	 R OP262C	 N OP262M	 R OP300A
 R OP300B	 N OP302A	 R OP302B	Images available online at www.enginequest.com

Oil Pans Continued On Next Page

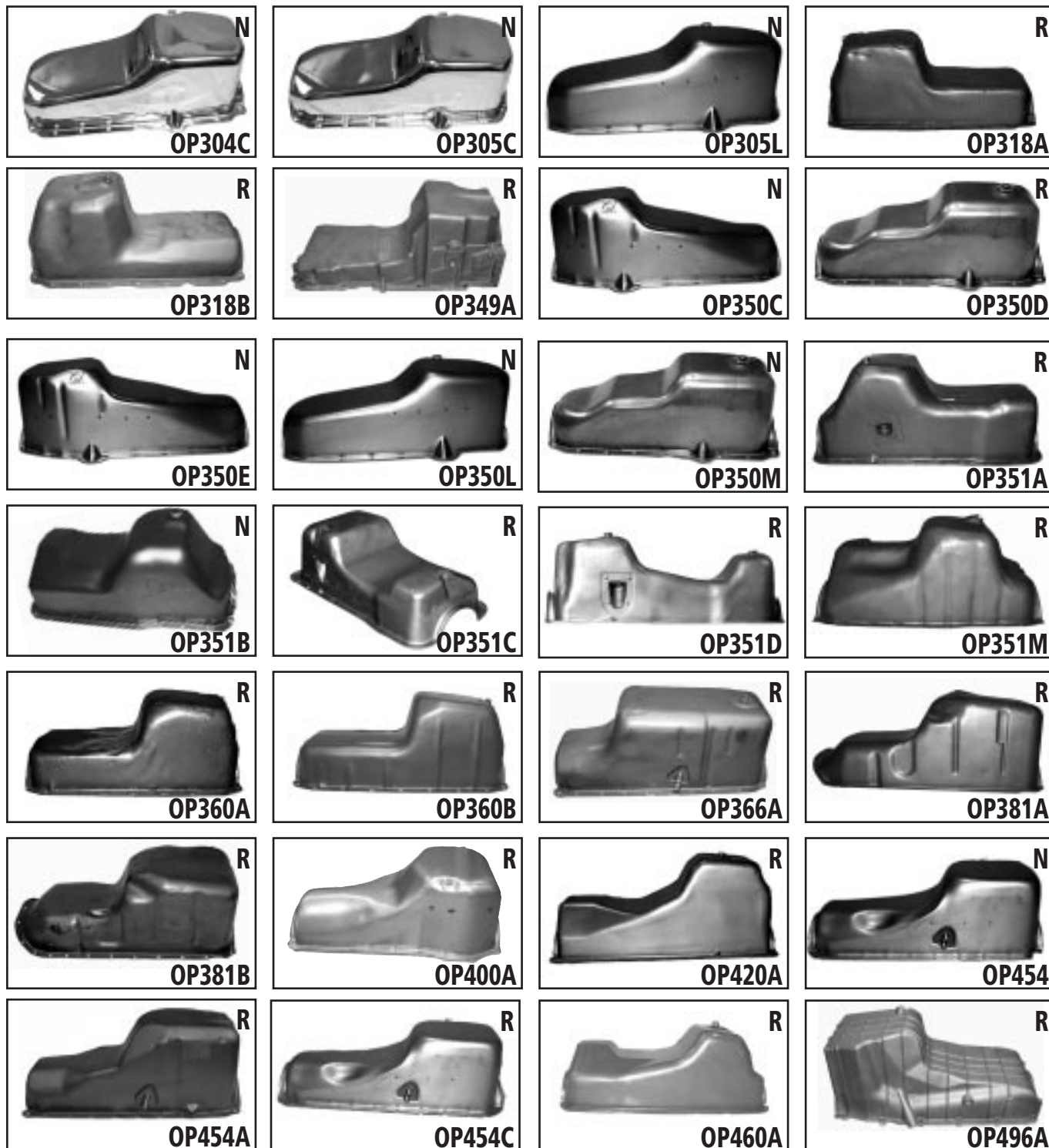
Oil Pans

Reclaimed oil pans have been cleaned, inspected, and painted.

R = RECLAIMED N = NEW

Reclaimed includes:

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- Inspected for holes



Oil Pans Continued On Next Page

PART #	MFG	APPLICATION	ENG	LITER	YEARS	NOTES	TYPE	HOLLANDER
OP231A	Buick	R.W.D.	231	2.8	81 - 84	14 bolt oil pan	Reclaimed	311-484
OP252A	Cadillac	F.W.D.	252	4.2	81 - 85		Reclaimed	
OP098A	Chevrolet	Nova	98	1.6	85 - 88	SOHC	Reclaimed	311-578
OP098B	Chevrolet	Nova, Prizm	98	1.6	88 - 92	DOHC	Reclaimed	311-632
OP173A	Chevrolet	S10 (4x2), R.W.D. Car	173	2.8	82 - 86		Reclaimed	311-523
OP173E	Chevrolet	F.W.D.	173	2.8	82 - 86		Reclaimed	311-522
OP173D	Chevrolet	Blazer (4x4), S10 (4x4)	173	2.8	86 - 93		Reclaimed	311-644
OP173C	Chevrolet	F.W.D.	173	2.8	87 - 94		Reclaimed	311-592
OP173D	Chevrolet	Blazer (4x4), S10 (4x4)	189	3.1	86 - 93		Reclaimed	311-644
OP173C	Chevrolet	F.W.D.	189	3.1	87 - 94		Reclaimed	311-592
OP173F	Chevrolet	F.W.D.	189	3.1	88 - 94		Reclaimed	311-592B
OP173F	Chevrolet	F.W.D.	207	3.4	88 - 94		Reclaimed	311-592B
OP262A	Chevrolet	Pickup Truck	262	4.3	85 - 85	2 piece seal design	Reclaimed	311-569
OP262B	Chevrolet	Pickup Truck & Van	262	4.3	86 - 96	1 piece seal design	Reclaimed	311-576
OP262C	Chevrolet	4 x 4	262	4.3	90 - 95		Reclaimed	311-621
OP262M	Chevrolet	Marine	262	4.3	95 - 99	1 piece seal design	New	
OP350C	Chevrolet	Car, Pickup & Van	305	5.0	70 - 79	Chrome, Left Dip	New	311-358
OP350E	Chevrolet	Car, Pickup & Van	305	5.0	70 - 79	Left Dip	New	311-358
OP350C	Chevrolet	Car, Pickup & Van	305	5.0	70 - 79	Chrome / Left Dip	New	311-358
OP350E	Chevrolet	Car, Pickup & Van	305	5.0	70 - 79	Left Dip	New	311-358
OP350A	Chevrolet	Car, Pickup & Van	305	5.0	70 - 79	Left Dip 6 quart with baffle	New	
OP350B	Chevrolet	Car, Pickup & Van	305	5.0	70 - 79	Left Dip 6 quart without baffle	New	
OP305C	Chevrolet	Car, Pickup & Van	305	5.0	80 - 85	Chrome / Right Dip	New	311-483
OP305L	Chevrolet	Car, Pickup & Van	305	5.0	80 - 85	Right Dip	New	311-483
OP304C	Chevrolet	Car, Pickup & Van	305	5.0	86 - 00	Chrome	New	311-572A
OP350L	Chevrolet	Car, Pickup & Van	305	5.0	86 - 00	4 quart pan	New	311-572A
OP350M	Chevrolet	Marine	305	5.0	86 - 96	5 quart	New	-
OP350D	Chevrolet	Pickup Truck	305	5.0	87 - 02	5 quart	Reclaimed	311-647
OP349A	Chevrolet	Pickup Truck	325	5.3	99 - 04		Reclaimed	311-859
OP350C	Chevrolet	Car, Pickup & Van	350	5.7	70 - 79	Chrome / Left Dip	New	311-358
OP350E	Chevrolet	Car, Pickup & Van	350	5.7	70 - 79	Left Dip	New	311-358
OP350A	Chevrolet	Car, Pickup & Van	350	5.7	70 - 79	Left Dip 6 quart with baffle	New	
OP350B	Chevrolet	Car, Pickup & Van	350	5.7	70 - 79	Left Dip 6 quart without baffle	New	
OP305C	Chevrolet	Car, Pickup & Van	350	5.7	80 - 85	Chrome / Right Dip	New	311-483
OP305L	Chevrolet	Car, Pickup & Van	350	5.7	80 - 85	Right Dip	New	311-483
OP304C	Chevrolet	Car, Pickup & Van	350	5.7	86 - 00	Chrome	New	311-572A
OP350L	Chevrolet	Car, Pickup & Van	350	5.7	86 - 00	4 quart pan	New	311-572A
OP350M	Chevrolet	Marine	350	5.7	86 - 96	5 quart	New	-
OP350D	Chevrolet	Pickup Truck	350	5.7	87 - 02	5 quart	Reclaimed	311-647
OP349A	Chevrolet	Pickup Truck	364	6.0	99 - 04		Reclaimed	311-859
OP366A	Chevrolet	Pickup Truck	366	6.0	91 - 98	1 piece seal design	Reclaimed	
OP381A	Chevrolet	Pickup Truck	381	6.2	82 - 91		Reclaimed	311-623A & B
OP381B	Chevrolet	Pickup Truck	381	6.2	92 - 95		Reclaimed	311-712
OP454	Chevrolet	Car & Truck	396	6.5	65 - 90	2 piece rear seal design	New	311-365
OP454C	Chevrolet	Car & Truck	396	6.5	65 - 90	Chrome 2 piece rear seal design	New	311-365
OP350C	Chevrolet	Car, Pickup & Van	400	6.6	70 - 79	Chrome / Left Dip	New	311-358
OP350E	Chevrolet	Car, Pickup & Van	400	6.6	70 - 79	Left Dip	New	311-358
OP350A	Chevrolet	Car, Pickup & Van	400	6.6	70 - 79	Left Dip 6 quart with baffle	New	
OP350B	Chevrolet	Car, Pickup & Van	400	6.6	70 - 79	Left Dip 6 quart without baffle	New	
OP454	Chevrolet	Car & Truck	454	7.4	65 - 90	2 piece rear seal design	New	311-365
OP454C	Chevrolet	Car & Truck	454	7.4	65 - 90	Chrome 2 piece rear seal design	New	311-365
OP454A	Chevrolet	1500 Pickup, 2500 Pickup, 3500 Pickup, Van & Suburban	454	7.4	91 - 00	1 piece seal design	Reclaimed	311-692
OP135A	Chrysler	F.W.D.	135	2.2	81 - 87		Reclaimed	311-493
OP135B	Chrysler	F.W.D.	135	2.2	89 - 94		Reclaimed	311-655
OP153B	Chrysler	Car & Mini Van	135	2.2	89 - 95		Reclaimed	311-654

R = RECLAIMED N = NEW

Oil Pans

PART #	MFG	APPLICATION	ENG	LITER	YEARS	NOTES	TYPE	HOLLANDER
OP153A	Chrysler	Car & Mini Van	153	2.5	86 - 88		Reclaimed	311-579
OP153B	Chrysler	Car & Mini Van	153	2.5	89 - 95		Reclaimed	311-654
OP156A	Chrysler	Car & Mini Van	156	2.6	81 - 85		Reclaimed	311-494
OP181A	Chrysler	Car & Mini Van	181	3.0	87 - 96		Reclaimed	311-605
OP202A	Chrysler	F.W.D.	202	3.3	90 - 94		Reclaimed	311-658
OP225A	Chrysler	Pickup Truck	225	3.7	71 - 83		Reclaimed	311-383
OP202A	Chrysler	F.W.D.	230	3.8	90 - 94		Reclaimed	311-658
OP239A	Chrysler	Pickup Truck	239	3.9	87 - 88		Reclaimed	311-604
OP239B	Chrysler	Pickup Truck & Van	239	3.9	89 - 91		Reclaimed	311-660
OP239C	Chrysler	Pickup, SUV & Van	239	3.9	92 - 99		Reclaimed	311-694
OP318A	Chrysler	Pickup Truck	318	5.2	71 - 91		Reclaimed	311-384
OP360B	Chrysler	150 Pickup, 250 Pickup, Van, Ramcharger	318	5.2	92 - 93		Reclaimed	311-696
OP318B	Chrysler	1500 Pickup, 2500 Pickup	318	5.2	94 - 01		Reclaimed	311-735
OP360A	Chrysler	Pickup & Van	360	5.9	71 - 91		Reclaimed	311-385
OP360B	Chrysler	150 Pickup, 250 Pickup, 350 Pickup, Van, Ramcharger	360	5.9	92 - 93		Reclaimed	311-696
OP360B	Chrysler	1500 Pickup, 2500 Pickup, 3500 Pickup	360	5.9	94 - 02		Reclaimed	311-696
OP116A	Ford	Escort	116	1.9	91 - 96	S.O.H.C.	Reclaimed	311-726
OP140A	Ford	Ranger	140	2.3	83 - 85	smooth cap	Reclaimed	311-537
OP183A	Ford	Car	183	3.0	90 - 91	without Low Oil sensor	Reclaimed	311-667
OP183B	Ford	Aerostar, Ranger	183	3.0	90 - 92		Reclaimed	311-683
OP183C	Ford	Car	183	3.0	90 - 92		Reclaimed	311-702
OP183D	Ford	Pickup Truck	183	3.0	93 - 96		Reclaimed	311-721
OP183E	Ford	Sable & Taurus	183	3.0	95 - 99	O.H.V.	Reclaimed	311-765
OP232A	Ford	R.W.D.	232	3.8	83 - 87	without Low Oil sensor	Reclaimed	311-506A
OP232B	Ford	R.W.D.	232	3.8	83 - 87	with Low Oil sensor	Reclaimed	311-506B
OP232C	Ford	R.W.D.	232	3.8	88 -	without Low Oil sensor	Reclaimed	311-642A
OP232D	Ford	R.W.D.	232	3.8	88 -	with Low Oil sensor	Reclaimed	311-642B
OP232G	Ford	F.W.D.	232	3.8	88 - 95	with Low Oil sensor	Reclaimed	311-705A-G
OP232H	Ford	F.W.D.	232	3.8	88 - 98	without Low Oil sensor	Reclaimed	311-763A-D
OP232E	Ford	R.W.D.	232	3.8	89 - 97	with Low Oil sensor	Reclaimed	311-724
OP232F	Ford	R.W.D.	232	3.8	89 - 97	without Low Oil sensor	Reclaimed	311-725
OP300A	Ford	Pickup & Van	300	4.9	70 - 82	diptube in pan	Reclaimed	311-479
OP300B	Ford	Pickup & Van	300	4.9	83 - 96		Reclaimed	311-611
OP302A	Ford	Bronco, Pickup & Van	302	5.0	80 - 96		New	311-613A & B
OP302B	Ford	Car	302	5.0	89 - 90	diptube in block	Reclaimed	311-612A
OP351C	Ford	Car	351W	5.8	69 - 79		Reclaimed	311-330
OP351M	Ford	Bronco, Pickup Truck	351M	5.8	77 - 79	4 X 4	Reclaimed	311-450
OP400A	Ford	Bronco, Pickup Truck	351M	5.8	77 - 79	4 X 2	New	311-449
OP351A	Ford	Pickup & Van	351W	5.8	81 - 87		Reclaimed	311-497
OP351D	Ford	Car	351W	5.8	83 - 89		Reclaimed	311-821
OP351B	Ford	Pickup & Van	351W	5.8	88 - 96		New	311-643
OP351M	Ford	Bronco, Pickup Truck	400	6.6	77 - 79	4 X 4	Reclaimed	311-450
OP400A	Ford	Bronco, Pickup Truck	400	6.6	77 - 79	4 X 2	New	311-449
OP420A	Ford	Pickup Truck	420	6.9	83 - 94		Reclaimed	311-536
OP420A	Ford	Pickup Truck	444	7.3	83 - 94		Reclaimed	311-536
OP460A	Ford	Pickup & Van	460	7.5	93 - 97	for Screw-In type dipstick tube	Reclaimed	311-766, 767, 768
OP173B	Jeep		173	2.8	84 - 86		Reclaimed	311-552
OP258A	Jeep		232	3.8	71 - 90		Reclaimed	311-395
OP242A	Jeep		242	4.0	87 - 96		Reclaimed	311-601
OP258A	Jeep		258	4.2	71 - 90		Reclaimed	311-395
OP318B	Jeep	Grand Cherokee, Grand Wagoneer	318	5.2	93 - 98		Reclaimed	311-735
OP121A	Pontiac	F.W.D.	121	2.0	87 - 92	O.H.C.	Reclaimed	311-600
OP138A	Pontiac	cast # 22538921	138	2.4	87 - 91	Quad Four	Reclaimed	311-646
OP138B	Pontiac	cast # 24570333 & 24571250	138	2.4	90 - 94	Quad Four	Reclaimed	311-707
OP138C	Pontiac	cast # 24574397	138	2.4	96 - 96	Quad Four	Reclaimed	311-790

New OEM Type Tinware



VC262



VC350/VC350C



VC350M



SBM350 - Studded Main Bolt
Chevrolet V6 262, V8 305/350 1986 and Up
Replaces OEM #'s 12561389 / 14091675



TCC305



TCC349



TCC350



TC350M



SBM183 - Ford 3.0L Main Bolt OEM# E9DZ-6345-D



TC454C



AB350/PCV350



OC350N



OPB305

All valve cover sets have oil baffles.
Tin set includes: oil pan, valve covers,
timing cover, timing marker, dipstick & tube.



TS350C

EQ #	DESCRIPTION	COATING	APPLICATION	YEARS
VC262	Valve Cover Set	Unchromed	Chevrolet 4.3L 262 V6	86 & Up metal
VC350	Valve Cover Set	Unchromed	Chevrolet Small Block	Up to 85
VC350C	Valve Cover Set	Chromed	Chevrolet Small Block	Up to 85
VC350M	Valve Cover Set	Unchromed	Chevrolet Small Block (1 breather & 1 filler per side)	Up to 85
VC302N	Valve Cover	Unchromed	Ford 302, 351W	68-98
VC350L	Valve Cover Set	Unchromed	Chevrolet Small Block (1 push-in, 2 push-in)	86 & Up
VC351L	Valve Cover Set	Unchromed	Chevrolet Small Block (1 push-in & 1 screw-in, 1 push-in)	86 & Up
VC352L	Valve Cover Set	Unchromed	Chevrolet Small Block (1 push-in & 1 screw-in per side)	86 & Up
VC305C	Valve Cover Set	Chromed	Chevrolet Small Block	86 & Up
VC350H	Tall Style Valve Cover Set	Chromed	Chevrolet Small Block	Up to 85
VC454	Valve Cover Set	Unchromed	Chevrolet Big Block	68 - 90
VC454C	Valve Cover Set	Chromed	Chevrolet Big Block	68 - 90
VC454H	Tall Style Valve Cover Set	Chromed	Chevrolet Big Block	68 - 90
TS350	Tin Set	Unchromed	Chevrolet Small Block	Up to 79
TS350C	Tin Set	Chromed	Chevrolet Small Block	Up to 79
TS305	Tin Set	Unchromed	Chevrolet Small Block	80 - 85
TS305C	Tin Set	Chromed	Chevrolet Small Block	80 - 85
TCC305	Timing Cover	Unchromed	Chevrolet Small Block with 6-3/4" balancer	80 - Up with welded Tab
TC262P	Timing Cover	Plastic	Chevrolet 4.3L	96-00
TCC349	Timing Cover	Unchromed	Chevrolet Small Block, no timing mark	Up to 85
TCC350	Timing Cover	Unchromed	Chevrolet Small Block with 8" balancer	Up to 79
TC350P	Timing Cover	Plastic	Chevrolet Small Block	96-00
TC350C	Timing Cover	Chromed	Chevrolet Small Block	For bolt-on marker
TC350M	Timing Cover	Unchromed	Chevrolet Small Block (Marine)	86 & Up
TC454C	Timing Cover	Chromed	Chevrolet Big Block	2 piece seal / 68-90
TCC454	Timing Cover	Unchromed	Chevrolet Big Block	68-90
TM350C	Timing Cover Marker	Chromed	Chevrolet Small Block	
TM454C	Timing Cover Marker	Chromed	Chevrolet Big Block	
DT350C	Dipstick & Tube	Chromed	Chevrolet Small Block	Up to 79
DT454C	Dipstick & Tube	Chromed	Chevrolet Big Block	2 piece seal
AB350	Breather Grommet	Rubber	Universal	Up to 85
PCV350	PCV Grommet	Rubber	Universal	Up to 85
OC350N	Oil Filler Cap	Plastic	Screw in	86 & Up
OPB305	Oil Pan Bolt		262, 305, 350	86 & Up

Replacement Pipe Plugs

Japanese threads for Toyota & Mitsubishi
Pipe plugs have sealant on threads.

PART #	MFG	OEM #	SIZE
JPP001	Toyota	90345-51066	1/8" - 28
JPP002	Toyota	90344-52003	1/4" - 19
JPP003	Toyota	90344-53008	3/8" - 19
	Toyota	90344-53011	
	Mitsubishi	MS661162	
JPP004	Mitsubishi/Toyota		1/2" - 14
JPP005	Mitsubishi/Toyota		3/4" - 14

Assortment Pack

JPP05A

Assortment Pack
Contains 5 of each size



A must for Toyota crankshafts!

Metric Pipe Plugs

With vibra-seal coating on threads

PART #	THREAD SIZE	HEIGHT	SOCKET DRIVE	SOCKET DEPTH
MPP001	8mm - 1.0	8mm	4mm	4mm
MPP002	10mm - 1.0	8mm	5mm	4mm
MPP003	12mm - 1.5	10mm	6mm	5mm
MPP004	14mm - 1.5	10mm	7mm	5mm
MPP005	16mm - 1.5	10mm	8mm	5mm
MPP006	18mm - 1.5	10mm	8mm	5mm
MPP007	20mm - 1.5	10mm	10mm	5mm
MPP008	22mm - 1.5	10mm	10mm	5mm
MPP009	24mm - 1.5	12mm	12mm	6mm

Assortment Pack

MPP05A

Assortment Pack
Contains 5 of each size



Solid Oil Gallery Plugs

No need to thread small passages

- Easy to install
- Help stop leaks
- Fill voids

PART #	O.D.	LENGTH
OGP001	.234	.640
OGP002	.250	.510
OGP003	.444	.265
OGP004	.471	.310
OGP005	.508	.310
OGP007	.518	.310
OGP008	.579	.310
OGP009	.581	.310
OGP010	.629	.310

Assortment Pack

OGP10A

Assortment Pack
Contains 10 of each size



Standard Pipe Plugs

With Vibra-Seal Coating

Assortment Pack

SPP25A

Assortment Pack
Contains 25 each of
all eight sizes



PART #	SIZE
SPP062	1/16" x .300"
SPP125	1/8" x .300"
SPP250	1/4" x .375"
SPP251	1/4" x .460"
SPP375	3/8" x .375"
SPP376	3/8" x .460"
SPP500	1/2" x .550"
SPP750	3/4" x .540"

Camshaft Products



CB400N



CE1200/CE120I



CB318N/CW318N



CE390N



CE121N



CP140



CP153



CB243N



CP202



CW225N



CB302N/CW302N

PART #	MFG	APPLICATION	DESCRIPTION	OEM#
CB243N	AMC/Jeep	Late Model 4.0 & 4.2L	New Cam Gear Bolt	83502890
CB258N	AMC/Jeep	258 CID	New Cam Gear Bolt	
CW258N	AMC/Jeep	258 CID	New Cam Gear Washer	J3173284
CW225N	Chrysler	225 CID	New Cam Gear Bolt Washer	
CP202	Chrysler	3.3 & 3.8L	New Cam Plug	4483620
CB318N	Chrysler	V8 318 & 360 CID Up to 1991	New Cam Gear Bolt	
CW318N	Chrysler	V8 318 & 360 CID Up to 1991	New Cam Gear Washer	1618732
CB302N	Ford	V8 255, 302, 351W, 400	New Cam Gear Bolt	
CW302N	Ford	V8 255, 302, 351W, 400	New Cam Gear Washer	C1TE6278A
CE120I	Ford	V8 255, 302, 351W, 400, 460	Inner Cam Eccentric (Up to 85) w/Bolt & Washer	E80Z6287A
CE1200	Ford	V8 255, 302, 351W, 400, 460	Outer Cam Eccentric (Up to 85)	D0AZ6287A
CE121N	Ford	V8 255, 302, 351W, 400	Cam Eccentric (85 & Up) w/Bolt & Washer	D5AZ6287A
CP140	Ford	140 CID HSC (1987)	Cam Plug - 2.210" O.D.	E43E6266A
CP153	Ford	2.3 & 2.5L HSC (88-up) 3.0L V6	Cam Plug - 2.230" O.D.	E6AE6266BA
CE390N	Ford	360/390	2 Piece Cam Eccentric	

Reclaimed Cam Eccentrics



CE124R



CE125R



CE126R



CE127R



CE128R



CE129R

Part # DESCRIPTION

CE124R	AMC V8 (incl. dist. gear, spacer, washer & bolt)
CE125R	Chrysler 318/360
CE126R	Ford 360/390 CID - solid 1 piece design
CE127R	Ford 302 CID - solid 1 piece design
CE128R	Olds V8 307/350
CE129R	Toyota 22REC

Each eccentric has been thoroughly cleaned and inspected to ensure serviceable for remanufacturing

Reclaimed Cam Thrust Plates

All reclaimed items subject to availability



CP140U



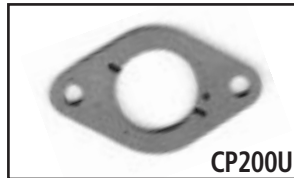
CP171U



CP177U



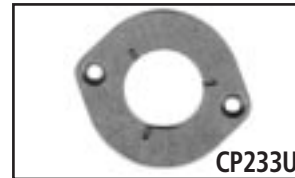
CP183U



CP200U



CP232U



CP233U



CP244U



CP250U



CP262U



CP263U



CP300U



CP302U



CP318U



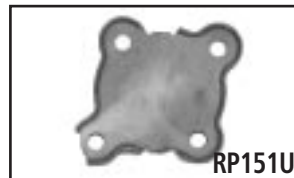
CP350U



CP351U



CP460U



RP151U



RP173U

PART #	APPLICATION	OEM #
CP140U	Ford 140 OHC Cam & Lay Shaft Retainer	D4FZ6613A
CP153U	Ford 2.3L (84-88), 2.5L (86-88)	E43Z6269A
CP171U	Ford 171 (2.8L)	D2RY6269A
CP177U	Ford 177 (2.9L)	
CP183U	Ford 183 (3.0L) 82-92	E6DZ6269A
CP200U	Ford 144, 170, 200, 250	CODE6269A
CP232U	Ford 232 (3.8L)	
CP233U	Ford 232 (3.8L) balance shaft	
CP244U	Ford 244 (4.0L)	
CP250U	Chevrolet 230, 250, 292 (63-93), Pontiac 151 (R code)	10000568
CP262U	Chevrolet 262 (4.3L)	
CP263U	Chevrolet 4.3L Balance Shaft	

PART #	APPLICATION	OEM #
CP300U	Ford 240, 300 (65-91)	C5AZ6269A
CP301U	Pontiac 301, 400, 455	
CP302U	Ford 289, 302 (67-86)	C9OZ6269A
CP318U	Chrysler 318, 360 (66-91)	
CP349U	Chevrolet 305, 350 3.90" tip to tip	
CP350U	Chevrolet 305, 350 4.23" tip to tip Roller Cam	10168501
CP351U	Ford 351W	
CP460U	Ford 351C, 351M, 400, 429, 460 (68-91)	C8SZ6269A
RP151U	Pontiac 151 (U code) Rear Cam Plate	12508079
RP173U	Chevrolet 173 (2.8L) Rear Cam Plate	476544

Dowels, Studs, Smog Plugs, Replacement Products



SP151/FTP034



DP302/DP390/TCD302



IS173



ST180



LC302



DP350



SP300L



ST173

EQ #	DESCRIPTION
RR231	Buick V6 Rocker Arm Shaft Retainer Button
HD173	Chevrolet V6 173 CID Head to Block Dowel
IS173	Chevrolet V6 173 CID Intake Manifold Stud
DP350	Chevrolet V8 Transmission to Block Dowel Pin OEM #12338119
HD350	Chevrolet Small Block Cylinder Head to Block Dowel
HD454	Chevrolet Big Block Cylinder Head Dowel
SP151	Chevrolet 250, 292 CID, Pontiac 151 CID Smog Plug 3/4" X 18
ST173	Chevrolet 2.0L, 2.2L, 2.8L, 3.1L Exhaust Stud with aluminum heads OEM #14079567 8 x 1.25 x 40mm
GOPG54	Chrysler/Mitsubishi 2.6L (G54) Oil Pump Gasket
ST052	Chrysler/Mitsubishi 2.6L (G54) Exhaust Manifold Stud (8 x 1.25 x 55)
ST054	Chrysler/Mitsubishi 2.6L (G54) Intake Manifold Stud (8 x 1.25 x 40)
ST180	Chrysler/Mitsubishi 3.0L Exhaust Manifold Stud OEM #MD108396 8 x 1.25 x 45mm
ST055	Chrysler 318 CID Cylinder Head Stud (5/16" x 2)
BDV8F	Ford V8 Block to Trans Dowel EAD6397AB
ST053	Ford 200 - 250 Exhaust Stud for EGR (3/8" x 2)
TCD302	Ford 255, 302, 351W V8 1979-Up Timing Cover to Block Dowel
FTP034	Ford V8 255, 302, 351C, 351M, 351W, 400 Thermalactor Plug 5/8" - 11 O.D. x 7/16" - 14 I.D.
SP300E	Ford 300 CID Smog Plug - Pre '84 - V8 330, 360, 361 HD, 390, 391 HD (1/2" x 20 x .55")
SP300L	Ford 300 CID Smog Plug '84 and Up (9/16" x 18 x .55")
LC302	Ford 302/351W V8 Valve Cap
DP302	Ford Small Block V8 Head to Block Dowel OEM #C20Z6A008A
DP390	Ford Big Block V8 Head to Block Dowel OEM #B9AE6A008A

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images and more information at
www.enginequest.com



Piston Pin Bushings

We Want you to Compare Our Quality...
on our large selection of boreable and honeable bushings.

MFG	ENGINE	YEARS	HONEABLE	OD	ID	LENGTH	BORE	OD	ID	LENGTH
Chrysler	318/340	57-73	PB318H	1.039	.976	1.185	PB318B	1.039	.964	1.185
GM	6.2L Diesel	82-93					PB381B	1.304	1.192	1.00
Nissan	VG30	87-96	PBVG3H	.948	.817	.811	PBVG3B	.948	.791	.811
Nissan	SR20DE	91-94	PBSR2H	.987	.856	.886	PBSR2B	.987	.830	.886
Nissan	KA24E	89-99	PBKA2H	.948	.817	.968	PBKA2B	.948	.791	.968
Toyota	20R, 22RE, 22REC	85-95	PB22RH	.949	.870	1.087	PB22R	.949	.837	1.087



***You Choose
What's Best For You!***

Oil Filter Adaptors

PART #	MFG	APPLICATION	YEARS	OEM#
OFA152	AMC/Jeep	2.5L 150 CID	87 - 93	3241335
OFA258	AMC/Jeep	4.0L 244 CID	81 - 86	J3173226
OFA258	AMC/Jeep	4.2L 258 CID	81 - 86	J3173226
OFA173	Chevrolet	1.8L	82 - up	466383
OFA173	Chevrolet	2.0L	82 - up	466383
OFA173	Chevrolet	2.8L 173 CID	82 - up	466383
OFA262	Chevrolet	4.3L 262 CID	86 - up	14081300
OFA305	Chevrolet	4.3L 262 CID	86 - up	14081300
OFA305	Chevrolet	Small Block		3952301
OFA454	Chevrolet	Big Block		3853870
OFA098	Ford	1.6L 98 CID	81 - 85	F4FZ6890A
OFA140	Ford	2.3L 140 CID	75 - 85	D4FZ6890A
OFA173	Ford	3.0L 183 CID	86 - 91	E6DZ6890A
OFA244	Ford	4.0L 244 CID	92 - 98	FOTZ6890A
OFA302	Ford	3.8L 232 CID	86 - 96	D7AZ6890A
OFA302	Ford	4.9L 300 CID	86 - 96	D7AZ6890A
OFA302	Ford	5.0L 302 CID	86 - 96	D7AZ6890A
OFA305	Ford	5.8L 351W CID	86 - 96	D7AZ6890A
OFA460	Ford	7.5L 460 CID		C9AE6890A
OFA142	Oldsmobile	2.3L QUAD 4	87 - up	22538711
OFA151	Pontiac	2.5L 151 CID	76 - 86	100489

Why send your customer looking for filter adaptors, when Enginequest has them available!



OFA098



OFA140



OFA142



OFA152



OFA151



OFA173



OFA183



OFA244

Assortment Pack

#OFA17A

Assortment Pack Contains:

- (1) OFA098
- (2) OFA151
- (2) OFA173
- (2) OFA183
- (2) OFA244
- (4) OFA262
- (4) OFA302

All in box, easy to use and clearly marked.



OFA258



OFA262



OFA302



OFA305



OFA454



OFA460

Conversion Rear Main Seal Holders

Chevrolet 1986-Up, V6 262 CID & V8 Small Block

The choice is yours - use early or late style oil pan.

Enables a rebuilder to install a 2-pc. design crankshaft in a 1-pc. seal design application. Manufactured from billet aluminum.

There are no better
adaptors available!

RSH349 - Early Pan



RSH350 - Late Pan



AT350



#AT350
Alignment Tool
For use with
RSH349 and RSH350
Conversion Seal Holders

Seal Retainers



SH134R



SH135N



SH098R



SH350R



SHS262



SHS350



SHD350

PART #	MFG.	DESCRIPTION & ENGINE	OEM #
SH262	Chevrolet	Seal Holder Stud V6 262 CID 1996-02	10218027
SH350R	Chevrolet	Rear Seal Housing V6 262 CID/ V8 305 & 350 CID	10108477
SHS350	Chevrolet	Seal Retainer & Oil Pan Stud V6 262 CID, V8 305 & 350 CID	14080362
SHD350	Chevrolet	Rear Seal Retainer Dowel V6 262 CID, V8 305 & 350 CID	14024244, 9441003
SH134R	Chrysler	Front Seal Housing L4 2.2L 135 CID	5214788
SH135N	Chrysler	Rear Seal Housing L4 2.2L 135 CID, 2.5L 153 CID	5214784
SH153R	Chrysler	Front Seal Housing L4 2.5L 153 CID	4387580
SH156R	Chrysler/Mitsubishi	Rear Seal Housing L4 2.6L 156 CID	
SH181R	Chrysler/Mitsubishi	Rear Seal Housing V6 3.0L 181 CID	MD125544
SH202R	Chrysler/Mitsubishi	Rear Seal Housing V6 3.3L 202 CID	4654389
SH098R	Ford	Rear Seal Housing L4 1.6L w/grooved cap	E4EE6K318AA
SH116R	Ford	Rear Seal Housing L4 1.9L	E5FZ6K301A, F0CZ6K301A, F0EE6K318A
SH140R	Ford	Rear Seal Housing L4 2.3L 140 CID H.S.C.	E53E6335A
SH141R	Ford	Front Seal Housing w/grooved cap L4 2.3L 140 CID O.H.C.	D42E6059AB, E37E6059AA
SH142R	Ford	Front Seal Housing w/flat cap L4 2.3L 140 CID O.H.C.	E59E6059AA, E69E6059A
SH143R	Ford	Front Seal Housing w/flat cap L4 2.3L 140 CID O.H.C.	E89E6059AC
SH144R	Ford	Front Seal Housing w/flat cap L4 2.3L 140 CID O.H.C.	F17E6059AB
SH145R	Ford	Front Seal Housing w/flat cap L4 2.3L 140 CID O.H.C.	F57E6059AD

Rear Main Seals

RMS400



RMS400 - Chevrolet Rear Main Seal
For blocks that have been align honed.

TS042



TS042 - Timing Cover Seal
Buick V6

TS058



TS058 - Rear Main Seal
Buick V6 1978-85 and V8 and Oldsmobile 350.
2 piece rubber design. Replaces OEM rope style.

Dipstick Tube Adaptors

Chevrolet and Ford Adaptors make your early blocks late

Opposite side dipstick adaptors convert pre-1980 Chevrolet Small Blocks to 1980 thru 1985

Part #	Description
DA025	Weld-On - Blank (Drill your own dipstick tube hole.)
DA026P	Bolt-On Pan Rail (has angled bolt holes)
DA026W	Bolt-On Water Jacket (has straight bolt holes)
DA027	Weld-On (with dipstick tube hole drilled)

Ford 300 Rear screw in dipstick adaptor

Part #	Description
DA028	Bolt-On

DA026P



DA028



See pg. 37 for
Mounting Jigs

Engine Pre-Luber

- ☒ Pressurized pre-lubing an engine is recommended by the Production Engine Remanufacturers Association (PERA)
- ☒ Includes mounting adaptors and hose
- ☒ The best for crank & chain driven oil pumps
- ☒ Eliminates dry engine starts
- ☒ Mounts to oil sending unit
- ☒ Holds up to 5 quarts of oil
- ☒ Simple and easy to use, reusable
- ☒ Pressurizes oiling system (Important on warehoused motors)



Block & Head Conversion Jigs

CK361



DJ032



CJ262



CJ305



Step Drills



DJ030/DT128



DJ029P/DD129

EQ #	DESCRIPTION
CJ262	Convert Chevrolet 4.3L 262 CID blocks w/electric fuel pumps to accept mechanical fuel pump (incl. drill bits and reamers)
CJ305	Convert Chevrolet Small Blocks w/electric fuel pumps to accept mechanical fuel pump (incl. drill bits and reamers)
CK361	Conversion Jig to turn Ford 330MD, 352, 360, 390 blocks into 330HD, 361, 391 block (incl. drill bits)
DD129	Drill bit for use with DA026P and DA026W jigs
DJ029P	Mounting and drilling jig for Chevrolet pan rail style dipstick adaptor (100% accurate each and every time)
DJ029W	Mounting and drilling jig for Chevrolet water jacket style dipstick adaptor (100% accurate each and every time)
DJ030	Mounting and drilling jig for Ford 300 CID bolt on dipstick adaptor
DJ031	Drilling jig to relocate dipstick tube to rear of block. Converts Ford 302 V8 1975-78 to 79-Up & Ford 351W 75-86 to 87-Up
DJ036	New production style tooling includes step drill that bores hole and cuts relief all in one step. Converts Ford 302 V8 75-78 into 79-Up & Ford 351W 75-86 into 87 and up. Jig mounts to cylinder Head Deck.
DJ032	Enables rebuilder to drill extra plug cooling holes in 440 Chrysler heads. Use Casting # "452". A must for all motor homes.
DJ033	Drilling Jig for Chevrolet 305, 350 1978-79 that had right side dipstick pads
DJ035	Convert Chevrolet 6 cylinder and Small Blocks with 2 bolt hole starter pad to a universal 3 bolt hole. Also can be used for broken starter bolt hole repair.
DT129	Tap used with DA026P and DA026W
SD040	Step drill bit for use with DJ111 jig
SD041	"U" drill bit for use with DJ031 jig
SD042	Step drill used to convert Ford 302 cylinder heads into Ford 351W heads
SD043	Step drill bit for use with DJ033 jig
SD044	Step drill bit for use with DJ035 jig

All Tooling - Non-Returnable

Elimination Kits

Balance Shaft

BEK122



BEK122 - Chrysler/Mitsubishi 1.8L, 2.0L, 2.4L, G62B, G63B, 4G63B, G64B, 4G64B (belt drive applications)

Kit includes: upper and lower bushings, balance shaft replacement pin, oil galley block-off plug

Balance Shaft

BEK156



BEK156 - Chrysler/Mitsubishi 2.6L

Kit includes: replacement bushing, balance shaft replacement pin, oil pump drive chain

Balance Shaft

BEK157



BEK157 - Chrysler/Mitsubishi 2.6L

Kit includes: replacement bushing, balance shaft replacement pin, oil pump drive chain, chain guide, crank guide, crank gear, oil pump gear

Jet Valve

JVE156



JVE156 - Chrysler/Mitsubishi 2.6L

Replaces jet valves in cylinder heads for use in non jet valve applications. Fits many other applications where OEM Jet Valve #MD009440 is used.

Increase Your Internet Sales by Increasing Your Customers Awareness

Free Link to Enginequest's Extranet containing applications, pictures and casting numbers for Exhaust Manifolds, Timing Covers, Harmonic Balancers and Oil Pans.

- Sell more product without additional inventory expenses.
- Ship nationwide from 6 different warehouse locations.
- Fill your customers orders within 2 days or less in most cases.
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(800) 426-8771 Ext. 209**

Oil Pans



Exhaust Manifolds



Timing Covers



Harmonic Balancers



Exhaust Manifolds

NEW LISTINGS

EN= New Casting
EX= Reclaimed
SUBJECT TO AVAILABILITY

Reclaimed includes:

- Low temperature baked
- Shot blasted for cleanliness
- Gasket surfaces refaced
- Checked for cracks

Visit our Extranet
for larger images -
available at
www.aaeq.net

ENKA24



ENZ24



ENZ5DE



EX289A



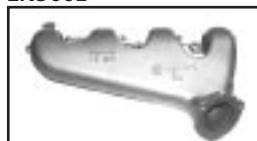
EX289B



EN324



EN366L



EN366R



EN4AF



EX404



EX413



EX452



EN602B



EN695



EN743



EN774B



EX779



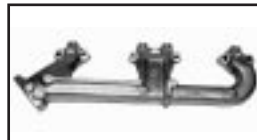
EX802B



EX802C



EN815



EX855



EX870



EX880



EX882



IN887



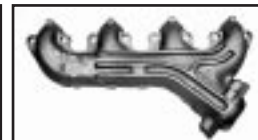
EX891



EX906



EX907



EX936



EN942



EN966



EX992



EN1006



EX1038



EX1048



EN1049



EN1073



EX1095



EX1096



EN1097



EX1100



EN1103



EX1127



EX1158



Exhaust Manifolds

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EX1159



EN1198



EX1239



EN1267



EX1276



EX1278



EX1283



EX1284



EX1285



EN1287



EN1314



EX1315



EX1316



EN1318



EX1325



EX1332



EX1350



EX1351



EX1356



EX1358



EX1365



EX1367



EN1377



EN1381



EN1386



EN1387



EN1408



EN1409



EX1421



EX1422



EN1438



EN1439



EX1440



EX1441



EX1445



EX1446



EX1455



EX1466



EN1533



EX1581



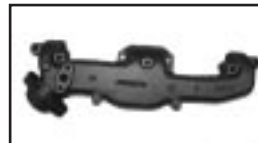
EX1607



EX1609



EX1625



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Exhaust Manifolds

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EX1626



EX1637



EX1646



EX1647



EX1648



EX1650



EX1663



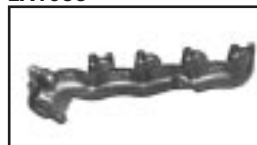
EX1664



EN1671



EX1688



EX1689



EN1698



EN1699



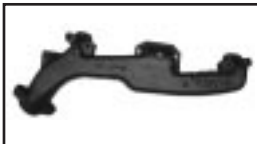
EN1706



EX1711



EX1718



EX1725



EX1728



EX1730



EX1762



EX1781



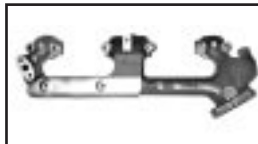
EX1782



EX1783



EX1862



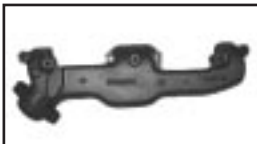
EX1903



EX1904



EX5261



EX8171



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EXHAUST MANIFOLDS CONTINUED ON NEXT PAGE

Exhaust Manifolds

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PART #	MFG	VEHICLE	ENG	LITERS	YEARS	SIDE	NOTES	HOLLANDER	CASTINGS	CASTINGS #2
EN1664	Chevrolet	S10 Truck	134	2.2	94 - 97	-	-	327-1664	-	-
EX1711	Chevrolet	F.W.D. car	151	2.5	82 - 90	-	-	327-1711A-F	-	-
EN1267	Chevrolet	S10	151	2.5	85 - 93	-	-	327-1267	10034543	10037597, 10044282
EX1127	Chevrolet	S10	173	2.8	82 - 86	Right	-	327-1127	14033087	-
EX1663	Chevrolet	F.W.D. car	191	3.1	93 - 96	Rear	-	327-1663	10244605	-
EN1006	Chevrolet	Truck	250	4.1	79 - 84	-	-	327-1006	14048437	-
EN324	Chevrolet	Car & Truck	305, 350	5.7	67 - 72	Both	with A.I.R. holes, 2" flange dia.	327-324	336711	372243
EN743	Chevrolet	Car & Truck	305, 350	5.7	67 - 72	Right	with A.I.R. holes	327-743	3896956	3905364
EN695	Chevrolet	Car & Truck	305, 350	5.7	67 - 72	Left	with A.I.R. holes	327-695	-	-
EN815	Chevrolet	Car	305, 350	5.7	69 - 81	Right	with A.I.R. holes	327-815	336708, 346222	3932376, 3943432
EN942	Chevrolet	Car & Truck	305, 350	5.7	77 - 86	Left	with A.I.R. holes	327-942	364753	14064365
EN966	Chevrolet	Car	305, 350	5.7	78 - 86	Right	with A.I.R. holes (2 hole mounting flange)	327-966	474008	14014500
EX1358	Chevrolet	Car	305, 350	5.7	80 - 85	Right	-	327-1358	-	-
EN1073	Chevrolet	Car	305, 350	5.7	80 - 86	Left	with air holes	327-1073	14007400	-
EN1103	Chevrolet	Truck	305, 350	5.7	83 - 86	Right	cast iron (3 hole mounting flange)	327-1103	14031376	14034069
EN1198	Chevrolet	Truck	305, 350	5.7	83 - 86	Left	cast iron	327-1198	14050233	-
EX1200	Chevrolet	Truck	305, 350	5.7	83 - 86	Right	-	327-1200	14050282	-
EX1350	Chevrolet	Truck	305, 350	5.7	87 - 90	Right	with A.I.R. holes	327-1350	14093660	-
EX1351	Chevrolet	Truck	305, 350	5.7	87 - 90	Left	-	327-1351	14093653	-
EX1356	Chevrolet	Camaro/Firebird	305, 350	5.7	87 - 92	Left	-	327-1356	14094063	-
EX1367	Chevrolet	Truck	305, 350	5.7	87 - 90	Right	with A.I.R. holes	327-1367	14093654	14093682
EN1408	Chevrolet	Truck	305, 350	5.7	88 - 94	Right	with A.I.R. holes	327-1408	14093658	14093652
EN1409	Chevrolet	Truck	305, 350	5.7	88 - 94	Left	with A.I.R. holes	327-1409	10045315	14093651
EX1466	Chevrolet	Truck	305, 350	5.7	89 - 94	Right	without A.I.R. holes	327-1466	10166158	14093654, 14102018
EX1455	Chevrolet	Car	305, 350	5.7	91 - 92	Right	-	327-1455	10108437	10128448
EN1671	Chevrolet	Car & Truck	305, 350	5.7	94 - 96	Right	-	327-1671	12524289	12550622
EX1725	Chevrolet	Truck	305, 350	5.7	96 - -	Right	-	327-1725	12554973	-
EX1726	Chevrolet	Truck	305, 350	5.7	96 - -	Left	-	327-1726	12554974	-
EX1862	Chevrolet	Truck	350	5.7	98 - 00	Left	with A.I.R. holes	327-1862	12556041	-
EX1861	Chevrolet	Truck	350	5.7	98 - 00	Right	with A.I.R. holes	327-1861	12556040	-
EN366R	Chevrolet	Truck	366, 427	6.0, 7.0	69 - 89	Right	with A.I.R. holes	-	3964244	-
EN366L	Chevrolet	Truck	366, 427	6.0, 7.0	69 - 89	Left	with A.I.R. holes	-	10085605	-
EX870	Chevrolet	Car	396, 454	7.4	67 - 76	Left	with A.I.R. holes	327-870	3292225	-
EN774B	Chevrolet	Truck	454	7.4	71 - 81	Left	with A.I.R. holes	327-774B	343787	3994045, 6272279
EN602B	Chevrolet	Truck	396, 454	7.4	67 - 87	Right	with A.I.R. holes	327-602B	14045176	353030, 3868874
EX1364	Chevrolet	Truck	454	7.4	83 - 91	Left	with A.I.R. holes	327-1364	14057190	14103191
EX1365	Chevrolet	Truck	454	7.4	87 - 91	Right	with A.I.R. holes	-	10045730	10045732
EX1728	Chevrolet	Truck	454	7.4	96 - 00	Left	without A.I.R. holes	327-1728	12571680	12564154
EX1820	Chevrolet	Truck	454	7.4	96 - 00	Left	with A.I.R. holes	327-1820	12564158	12559572/ 12571681
EX1730	Chevrolet	Truck	454	7.4	96 - 00	Right	with A.I.R. holes	327-1730	12556337	-
EN1706	Chrysler	Cirrus	148	2.4	95 - 00	-	-	327-1706	-	-
EN1706	Chrysler	Sebring	148	2.4	96 - 98	-	-	327-1706	-	-
EN1706	Chrysler	Stratus	148	2.4	95 - 00	-	-	327-1706	-	-
EX1100	Chrysler	Minivan	156	2.6	81 - 86	-	Has 2 hole flange, NO Pre Cat	327-1100	-	-
EX1239	Chrysler	Minivan	156	2.6	84 - 85	-	Federal Emmissions	327-1239	-	-
EX802B	Chrysler	Car & Truck	225	3.7	73 - 80	-	without O2 sensor hole	327-802B	4100448	-

EXHAUST MANIFOLDS CONTINUED ON NEXT PAGE

Exhaust Manifolds

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PART #	MFG	VEHICLE	ENG	LITERS	YEARS	SIDE	NOTES	HOLLANDER	CASTINGS	CASTINGS #2
EX802C	Chrysler	Car & Truck	225	3.7	81 - 87	-	with O2 sensor hole	327-802C	4105375	4267233
EX1421	Chrysler	Truck	239	3.9	88 - 91	Right	-	327-1421	4323777	4327778
EX1422	Chrysler	Truck	239	3.9	88 - 91	Left	-	327-1422	4323780	4327781
EN1381	Chrysler	Dakota	239	3.9	87 - 89	Left	with O2 sensor hole	327-1381	4343742	-
EX880	Chrysler	Car & Truck	318, 360	5.2, 5.9	75 - 89	Right	without heat riser	327-880	3830493	3870323, 3879721
EX882	Chrysler	Car & Truck	318, 360	5.2, 5.9	75 - 87	Both	without A.I.R. holes, has heat riser	327-882	3870059	4041425
EX891	Chrysler	Car & Truck	318, 360	5.2, 5.9	75 - 87	Both	without heat riser	327-891	3870057, 4071606	4227650, 5214669
EX1625	Chrysler	SUV, Pickup	318, 360	5.2, 5.9	94 - 98	Right	with EGR hole	327-1625	53009376	-
EX1626	Chrysler	SUV, Pickup	318, 360	5.2, 5.9	94 - 98	Left	-	327-1626	53010187	-
EX5261	Chrysler	SUV, Pickup	318, 360	5.2, 5.9	94 - 98	Right	without EGR hole	327-1625	-	-
EX1718	Chrysler	SUV, Pickup	318, 360	5.2, 5.9	96 - 99	Right	with EGR hole	327-1718	53010186	53006618
EX8171	Chrysler	SUV, Pickup	318, 360	5.2, 5.9	96 - 99	Right	without EGR hole	327-1718	53010186	53006618
EX413	Chrysler	Truck	413	6.8	- - -	Both	-	-	-	-
EX855	Chrysler	Truck	400, 440	6.6, 7.2	72 - 78	Left	-	327-855	3769109	-
EN1276	Ford	Ranger	140	2.4	85 - 92	-	-	327-1276 / 327-1500	E6ZE9430AA	-
EX1614	Ford	Ranger	140	2.4	93 - 94	-	-	327-1614	F37Z9430D	-
EN1287	Ford	Tempo, Topaz	140	2.3	85 - 94	-	-	327-1287	E53E9430AC/AD/AE	-
EX1316	Ford	Ranger/Bronco	177	2.9	86 - 90	Right	-	327-1316	E67E9430AD	F0TE9430BE
EX1332	Ford	Aerostar/Ranger	183	3.0	86 - 96	Right	-	327-1332	E69E9430BA	E89E9430CA
EX1646	Ford	Truck	183	3.0	93 - 97	Right	-	327-1646	F47Z9430A	F47E9430AA
EX1607	Ford	Ranger/Bronco	244	4.0	90 - 95	Right	-	327-1607A/B	F07E9430AB/AC	F37E9430LA
EX1609	Ford	Ranger/Bronco	244	4.0	90 - 95	Left	-	327-1609A	F07E9431AC/AD	F37E9431KA
EX1637	Ford	Car	256	4.2	94 - -	Left	-	327-1637	F4AZ9431B	F4AE9431BA
EX1781	Ford	Car	256	4.2	97 - 98	Right	-	327-1781	F65E9430AC/AD	F65E9430AF, BB
EX1782	Ford	Truck and Van	256	4.2	97 - 98	Left	-	327-1782	F65Z9431A	F65E9431AC
EX1903	Ford	F150 and Van	256	4.2	99 - 03	Right	-	327-1903	XL3Z9430AA	XL3E9430AC
EX1904	Ford	F150 and Van	256	4.2	99 - 03	Left	-	327-1904	XL3Z9431AA	XL3E9431AC
EX1688	Ford	Full Size	280	4.6	95 - 99	Right	-	327-1688	F5AE9430AE	-
EX1689	Ford	Full Size	280	4.6	95 - 99	Left	-	327-1689	F5AE9431AE	-
EX1762	Ford	Mustang	280	4.6	96 - 98	Left	S.O.H.C.	327-1762	F6ZZ9431FA	F6ZE94731FB
EX1783	Ford	Expedition/ Pickup	280	4.6	97 - 98	Right	-	327-1783	F65Z9430B, F65E9430BD	F65E9430BE, F65E9430BF
EX452	Ford	Truck	300	4.9	70 - 80	-	-	327-452	D7TE9430DC	E4TE9428UA
EN1097	Ford	Truck	300	4.9	81 - 86	-	with O2 sensor hole	327-1097	E3TE9430RC	E4TE9428CB
IN887	Ford	Truck	300	4.9	77 - 86	Intake	-	329-887	D7TE9425JA	E5TE9425FA
EN1386	Ford	Truck	300	4.9	87 - 96	Front	-	327-1386	E7TE9430GA/GB/ GC/GD	-
EN1387	Ford	Truck	300	4.9	87 - 96	Rear	-	327-1387	E7TE9431HD	F5TE9431FA
EX1048	Ford	Car	255, 302	4.2, 5.0	80 - 83	Left	-	327-1048	E0AE9431KB	E0AE9431KC
EX1095	Ford	Car	255, 302	4.2, 5.0	81 - 85	Left	-	327-1095	E1SE9431BA	-
EX289A	Ford	Mustang	289, 302	4.7, 5.0	65 - 67	Left	-	-	-	-
EX289B	Ford	Mustang	289, 302	4.7, 5.5	65 - 66	Left	-	-	-	-
EX1038	Ford	Car	302	5.0	80 - 85	Right	with choke tube hole	327-1038A	E0AE9430FC	-
EN1318	Ford	Truck	302	5.0	80 - 95	Right	with O2 sensor hole	327-1318A, B, C	E0AE9430FC	E6AE9430GB, F3TE9430LA
EN1049	Ford	Truck	302	5.0	80 - 95	Left	-	327-1866A, B, C	E0TE9431CA	F3TE9431JA, F3TE9431NA
EX1325	Ford	Mustang	302	5.0	86 - 93	Left	-	327-1325	E6SE9431AA	-
EX992	Ford	Car & Truck	351W	5.8	79 - 82	Right	-	327-992	D9AE9430FC	-

FORD EXHAUST MANIFOLDS CONTINUED ON NEXT PAGE

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EX1096	Ford	Truck	351W	5.8	81 - 87	Right	without A.I.R. holes	327-1096	E5TE9430BA	E5TE9430CA
EX1159	Ford	Truck	351W	5.8	83 - 87	Left	without A.I.R. holes	327-1159	E3TE9431AA	E5TE9431BA
EX1278	Ford	Truck	351W	5.8	85 - 87	Left	with A.I.R. holes	327-1278	E5TE9431BA	-
EX1315	Ford	Truck	351W	5.8	85 - 87	Right	with A.I.R. holes	327-1315	E5TE9430BA	-
EN1438	Ford	Truck	351W	5.8	88 - 93	Right	with A.I.R. holes (plugs to blockoff supplied)	327-1438	E8TE9430AB	F4YE9430EB
EN1439	Ford	Truck	351W	5.8	88 - 93	Left	with A.I.R. holes (plugs to blockoff supplied), w/O2 hole	327-1439	E8TE9431AB	-
EX1647	Ford	Truck	351W	5.8	88 - 93	Right	without A.I.R. holes, w/O2 hole	327-1647	F4TE9430DB, DC	-
EX1648	Ford	Truck	351W	5.8	94 - 97	Left	without A.I.R. holes, w/O2 hole	327-1648	F4TE9431DB, DC	-
EX1650	Ford	Truck	351W	5.8	94 - 97	Left	with air holes, w/O2 hole	327-1650	F4TE9431EB	F4TE EA, EB
EX906	Ford	Car	460	7.5	75 - 78	Right	-	327-906	D5VE9430BA	-
EX907	Ford	Car	460	7.5	75 - 78	Left	-	327-907	D5VE9431AB	-
EX936	Ford	Truck	460	7.5	75 - 84	Right	without A.I.R. holes	327-936	E9JL9430BA	-
EX937	Ford	Truck	460	7.5	75 - 84	Left	-	327-937	F2TZ9431C	-
EX1283	Ford	Truck	460	7.5	85 - 90	Right	with A.I.R. holes	327-1283	E5HE9430AA, AC	E9JL9430AA
EX1284	Ford	Truck	460	7.5	85 - 89	Right	without A.I.R. holes	327-1284	E5HE9430CA, E9HL9430BA	E9HL9430BA, F2PE9430AA
EX1285	Ford	Truck	460	7.5	85 - 90	Left	with A.I.R. holes	327-1285	E5HE9431AA, E5HE9431AC	-
EX1445	Ford	Truck	460	7.5	88 - 92	Right	-	327-1445A	E8TE9430CB	-
EX1446	Ford	Truck	460	7.5	88 - 92	Left	without A.I.R. holes	327-1446A	E9TE9431CA	F6TE9429LA
EN1698	Ford	Truck	460	7.5	88 - 97	Right	-	327-1698A, B	E7TE9428EA, E7TE9428EB	E7TE9428EC, F4TE9430AA
EN1699	Ford	Truck	460	7.5	88 - 97	Left	-	327-1699A, B	E7TE9431EA, E7TE9431EB	E7TE9431EC, F4TE9431AA
EN4AF	GEO	Prism	4AFE, 7FE	1.6	89 - 97	-	with O2 sensor hole (supplied with plug)	327-58263, 58362	-	-
EX404	International	Truck	404		- - -	Both	-	-	446843	-
EX1581	Jeep	Grand Cherokee	318, 360	5.2	93 - 98	Left	-	327-1581	53009377	-
EN1314	Jeep	-	150	2.5	83 - 90	-	with O2 sensor hole	327-1314	2511, 0032	3241170, 3442625
EN1377	Jeep	-	242	4.0	87 - 90	-	-	327-1377	-	-
EN1533	Jeep	-	242	4.0	91 - 99	-	-	327-1533	33007075	-
EX1158	Jeep	-	258	4.2	83 - 90	-	-	327-1158	3237096	3237426
EX779	Jeep	-	304	5.0	70 - 81	Right	with A.I.R. holes	327-779	6210160	8121274, 8130211
EX801	Jeep	-	304	5.0	70 - 81	Left	with A.I.R. holes	327-801	3210159	
EX779	Jeep	-	360	5.9	70 - 91	Right	with A.I.R. holes	327-779	6210160	8121274, 8130211
EX801	Jeep	-	360	5.9	70 - 91	Left	with A.I.R. holes	327-801	3210159	
EX779	Jeep	-	401	6.6	70 - 78	Right	with A.I.R. holes	327-779	6210160	8121274, 8130211
EX801	Jeep	-	401	6.6	70 - 78	Left	with A.I.R. holes	327-801	3210159	
ENZ5DE	Mazda	Protégé	Z5DE	1.5	95 - 98	-	-	327-58756	-	-
ENKA24	Nissan	Pickup	KA24	2.4	90 - 97	-	-	327-58326A, B	14004-F4003	-
ENZ24	Nissan	Truck	Z24	2.4	83 - 89	-	-	327-58091, 58092, 58142	-	-
EN1706	Plymouth	Breeze	148	2.4	96 - 00	-	-	327-1706	-	-
EN4AF	Toyota	Celica, Corolla	4AFE, 7FE	1.6	88 - 97	-	with O2 sensor hole (supplied with plug)	327-58263, 58362	-	-
EN22RE	Toyota	Pickup	22RE	2.4	86 - 95	-	-	327-58129, 58134A, B	-	-
EN165	Toyota	Pickup	3RZFE	2.4	94 - 00	-	-			

Standard Transmission Flywheels

MODEL	ENG	YR	NOTES	PART #
BUICK				
SKYHAWK	1.8	82		FW6500
		83-86		FW6551
	2.0	83-86		FW6500
		87-89	VIN 8TH DIGIT "1"	FW6500
			VIN 8TH DIGIT "M"	FW6552
SKYLARK	2.3	88-89		FW6524
	2.5	80-88		FW6514
	2.8	80-85		FW6505
CADILLAC				
CIMMARON	4 CYL	82-86		FW6500
	2.8	85-86		FW6505
		87-88		FW6500
CHEVROLET				
ASTRO	2.5	85-90		FW6517
	4.3	85		FW6504
		86-90		FW6525
BERETTA	2.0	87-89		FW6500
	2.2	90-96		FW6500
	2.3	90-94		FW6524
	2.8	87-89		FW6500
	3.1	90-93		FW6500
BLAZER MIDSIZE & FULLSIZE	1.9	83-84		FW1202
	2.0	83-84		FW6510
	2.5	85-88		FW6510
	2.8	82-84		FW6511
		85-86		FW6512
		87-89		FW6513
	4.3	90-92		FW6529
		93		FW6565
		94	FW CAST 14103283 VIN "W" CENTRAL PORT INJ FW CAST 10218655 VIN "Z" THROTTLE BODY INJ	FW6529
		95-98		FW6529
		99-05		FW6569
	ALL 6 CYL	69-82	11" & 12" DISC	FW6504
	305 & 350	69-85		FW6504
		86-94		FW6525
	400	75-79		FW6567
	454	73-87		FW6531
CAMARO	3.8	67-69		FW6516
		80-81		FW6516
		96-02		FW6533
	230, 250, 283, 305, 307, 327, 350, 396	67-82	10.4" DISC 153 TOOTH GEAR 11" DISC 168 TOOTH GEAR	FW6516
				FW6504
		83-85	VIN 8TH DIGIT "H", "7" OR "G"	FW6516* FW6515* *INTER-CHANGEABLE
		86	VIN 8TH DIGIT "G" or "H"	FW6526* FW6527* *INTER-CHANGEABLE
		87	CARB EFI	FW6526* FW6527* *INTER-CHANGEABLE

MODEL	ENG	YR	NOTES	PART #
CHEVROLET (Cont.)				
CAMARO (Cont.)	350	88-92	THROTTLE BODY INJ MULTI-PORT INJ	FW6526* FW6527* *INTER-CHANGEABLE
		93-97		FW6503
		98-02		FW6536
		400	70-71	FW6567
CAVALIER	2.0 & 2.2	83-00		FW6500
		02	VIN "4"	FW6500
	2.8	87-89		FW6500
CELEBRITY	3.1	90-94		FW6500
	2.8	87-88		FW6500
CORSICA	2.0 & 2.2	87-96		FW6500
	2.8	87-89		FW6500
	3.1	90-96		FW6500
CORVETTE	ALL V-8	78-85	10.4" DISC	FW6516
			11" DISC	FW6504
		86-88		FW6526
LUV	1.8	80-82	4WD	FW1202
S 10 & S 15	1.9	82-85		FW1202
	2.0	83-84		FW6510
	2.2	94-03		FW6528
	2.5	85-93		FW6510
	2.8	82-84		FW6511
		85-86		FW6512
		87-93		FW6513
	4.3	90-92		FW6529
		93		FW6565
		94-95	FW CAST 14103283 VIN "W" PORT INJ FW CAST 10218655 VIN "Z" THROTTLE BODY INJ	*PAY ATTENTION HERE FW6529* FW6565*
CHEVROLET TRUCKS C,K,G,P,R, V,10,20,30	250 262 (4.3)	96-97		FW6529
		98	ZN4 NOT ZN4	FW6569 FW6529
		99-03		FW6569
		70-84		FW6504
		85		FW6504
		86-87		FW6525
		88-89	VAN TRUCK	FW6525 FW6529
		90-93		FW6529
		94		FW6565
		95	FW CASTING# 14103283 PORT INJ FW CASTING# 10218655 THROTTLE BODY INJ	*PAY ATTENTION HERE FW6529* FW6565*
		96-98		FW6529
		292	67-88	FW6550
		305 (5.0)	67-85	FW6504
			86-99	FW6525
		350 (5.7)	67-85	10.4" CLUTCH 11" & 12" CLUTCH FW6535 FW6504
			86-95	FW6525
			96-99	CASTING #14091599 FW6525

CHEVROLET CONTINUED ON NEXT PAGE

Standard Transmission Flywheels

MODEL	ENG	YR	NOTES	PART #
CHEVROLET (Cont.)				
CHEVROLET TRUCKS C,K,G,P,R, V,10,20,30 (cont.)	380 (6.2) DIESEL	82-93	CASTING #14050525	FW6568
	400	70-80		FW6567
	454 (7.4)	73-90		FW6531
		91-95		FW6561
		97-00		FW6574
CHRYSLER				
ACCLAIM	2.5	89-93		FW3402
LASER	2.2	86-87	TURBO	FW3402
	2.5	86		FW3402
LEBARON	2.2	86-90	TURBO	FW3402
		91-93		FW3402
	2.5	86-93		FW3402
	3.0	90-95		FW3402
DODGE				
ARIES	2.2	86-89	TURBO	FW3402
	2.5	86-89		FW3402
CARAVAN	ALL	86-94		FW3402
CHARGER	2.2	86-87	TURBO	FW3402
DAKOTA	2.5	87-95		FW3402
		96-99		FW3418
	240 (3.9)	87-91		FW3409
DAYTONA, SHELBY, IROC	2.5	86-93		FW3402
	3.0	90-93		FW3402
LANCER	2.5	86-89		FW3402
NEON	2.0	02		FW3402
OMNI 024	2.2	86-90	TURBO	FW3402
RAM VAN MINI	ALL	86-92		FW3402
SHADOW	2.2	87-91	TURBO	FW3402
		92-94		FW3402
	2.5 & 3.0	88-94		FW3402
SPIRIT	ALL	89-95		FW3402
TRUCKS VANS AND RAMCHARGER 100-300 SERIES	240 (3.9)	88-91		FW3409
	318 (5.2)	70-87	10.5" DISC	FW3409
			11" DISC	FW3411
		88-91		FW3411
	5.9	89-93		FW3430
	CUMMINS	94-97		FW3431
	TURBO			
	DIESEL			
	360 (5.9)	70-93		FW3413
		94-02		FW3419
	383	66-71		FW3411
	400	71-81		FW3411
	440	74-81		FW3411
	400 & 600	ALL	86-88	TURBO
	2.5	86-88		FW3402
FORD				
AEROSTAR	2.3	86-87		FW703
	2.8	85-86		FW701
	3.0	86-94		FW723
	4.0	90		FW724
BRONCO & BRONCO II	2.0	84-88		FW703
	2.3	84-88		FW703
	2.8	84		FW702
		85		FW701
	2.9	86-91		FW701
	4.0	90-91		FW724
	4.9 (300)	80-93		FW714

MODEL	ENG	YR	NOTES	PART #
FORD (Cont.)				
BRONCO & BRONCO II (Cont.)	5.0 (302)	65-80		FW720
		81-96		FW710
	5.8 (351W)	68-81		FW720
		82-93		FW735
	400M	78-82		FW718
E SERIES VAN	4.9 (300)	78-96		FW714
	5.0 (302)	68-80		FW720
		81-90		FW710
	5.9 (351W)	68-80		FW720
		81-89		FW735
	400 M	80-83		FW718
ESCORT & EXP EXPLORER F150 F250 F350 F450 SERIES TRUCKS	1.6	81-86		FW706
	4.0	91-97		FW724
	3.8 (230)	81-83		FW735
	4.9 (300)	80-96		FW714
	5.0 (302)	68-76		FW720
		77-80		FW735
		81-96		FW710
	351W	68-81		FW720
		82-93		FW735
	360	65-76		FW746
MUSTANG	390	67-76		FW747
	400	77-82		FW718
	2.3	83	9" DISC	FW703
		84-86		FW703
	289	65-69	157 TEETH 28 OZ. WEIGHT	FW789
	5.0	79-85	157 TEETH 50 OZ. WEIGHT	FW712
		86-95	157 TEETH 50 OZ. WEIGHT	FW711
RANGER	2.0	83-89		FW703
	2.3	83-94		FW703
	2.8	83-85		FW702
	2.9	85-92		FW701
	3.0	90-94		FW723
	4.0	90-96		FW724
TAURUS	3.0	89-90	9.5" DISC	FW723
TEMPO	3.0	92-94		FW723
THUNDERBIRD	2.3	83-88		FW703
GMC				
S15 & T15 JIMMY AND SONOMA PICKUP	1.9	82-85		FW1202
	2.0	83-84		FW6510
	2.5	85-93		FW6510
	2.8	82-84		FW6511
		85-86		FW6512
		87-93		FW6513
	4.3	90-92		FW6529
		94-95	CASTING# 14103283 VIN "W" CENTRAL PORT INJ	FW6529
		96-97		FW6529
		98	ZN4 NOT ZN4	FW6569
				FW6529
		99-03		FW6569
SAFARI	4.3	85		FW6504
		86-90		FW6529

GMC CONTINUED ON NEXT PAGE

Standard Transmission Flywheels

MODEL	ENG	YR	NOTES	PART #
GMC (Cont.)				
TRUCKS C,K,G,P,R, V,10,20,30 SIERRA AND VANS	250	67-84		FW6504
	262 (4.3)	85		FW6504
		86-87		FW6525
		88-89	VAN	FW6525
			TRUCK	FW6529
		90-93		FW6529
		95	ENGINE CODE "AA_" FW CASTING # 14103283	FW6529
		96-98		FW6529
	305 (5.0)	68-85		FW6504
		86-99		FW6525
	350 (5.7)	68-85		FW6504
		86-96		FW6525
		97-99	FW CASTING # 12550526	FW6525
	400	70-80		FW6567
	454 (7.4)	73-90		FW6531
		91-95		FW6561
		96		FW6562
ISUZU				
AMIGO	2.6	89-94		FW1204
HOMBRE	4.3	97-98	CASTING #14103283	FW6529
I-MARK	1.8	81-84		FW1202
IMPULSE	1.9	83-5/87		FW1202
PICKUP	1.8	81-82	4WD	FW1202
P'UP	2.6	88-95		FW1204
	3.1	91-94		FW6500
RODEO	2.6	91-98		FW1204
	3.1	91-92	CASTING #14018712 CASTING #14046567	FW6500 FW6513
TROOPER II	1.9	84-85		FW1202
	2.6	88-91		FW1204
JEEP				
CHEROKEE, GRAND CHEROKEE, SPORTWAGON & WAGONEER (MIDSIZE) CJ WRANGLER J10 & J20 COMANCHE & GLADIATOR	2.8 (173)	83-84		FW6511
		85-86		FW6512
		91-01		FW1002
	304	71-81		FW1005
	360	71-83		FW1005
	4.2 (258)	82-86		FW1001
	4.0	91-04		FW1002
	2.8 (173)	86		FW6512
		91-94		FW1002
	5.0 (304)	71-81		FW1005
MAZDA				
B2000	2.3	94		FW703
B2200	2.6	87-88		FW519
B2300		89	CARB	FW519
B2500	3.0	94		FW723
B2600	4.0	94-96		FW724
B3000				
B4000				
NAVAJO	4.0	91-94		FW724
MERCURY				
CAPRI	5.0	79-85		FW712
		86		FW711
COUGAR	2.3	83-86	9" DISC	FW703
	5.0	79-85		FW712
		86-93		FW711

MODEL	ENG	YR	NOTES	PART #
MERCURY (Cont.)				
LN7 & LINX	1.6	81-85		FW706
MERKUR XR4TI	2.3	85-89		FW703
TOPAZ	3.0	92-94	723	
NISSAN				
AXXESS	2.4	89-95	4WD	FW304
FRONTIER - NON SUPERCHARGED	4 CYL	98-04		FW304
NX COUPE	1.6	91-94		FW303
PATHFINDER	4 CYL	87-89		FW304
PULSAR SOHC	1.6	82-8/86		FW300
		9/86-6/88		FW301
		7/88-90		FW303
SENTRA	1.6	82-12/85		FW300
		1/86-6/88		FW301
		7/88-99		FW303
TRUCKS	4 CYL	11/82-96		FW304
XTERRA	4 CYL	00-04		FW304
200SX	1.6	95-98		FW303
280Z ZX, TURBO & 2+2	ALL 6 CYL	75-83	TURBO & 2+2	FW304
OLDSMOBILE				
CIERA	2.8	87-90		FW6500
	3.1	89-90		FW6500
CUTLASS	2.8	88-89		FW6500
FIRENZA	1.8	82		FW6500
	2.0	83-87		FW6500
	2.0	87-89	VIN 8TH DIGIT "1"	FW6500
	2.8	87		FW6500
PLYMOUTH				
ACCLAIM	ALL	89-93		FW3402
HORIZON	2.2	86-90	TURBO	FW3402
NEON	ALL	03-05	TURBO	FW3402
RELIANT	2.5	86-89		FW3402
SUNDANCE	2.2	87-90	TURBO	FW3402
	2.5	88-94		FW3402
	3.0	93-94		FW3402
TURISMO	2.2	86-90	TURBO	FW3402
VOYAGER	ALL 4 CYL	86-93		FW3402
PONTIAC				
FIRO	2.8	88		FW6500
FIREBIRD	229	80-81		FW6516
TRANS AM	ALL V8	77-82	10.4" DISC 11" DISC	FW6516 FW6504
		83-85	VIN 8TH DIGIT "H", "7" or "G"	FW6516* FW6515* *INTER-CHANGEABLE
		86	VIN 8TH DIGIT "G" or "H"	FW6527* FW6526* *INTER-CHANGEABLE
		87	CARB EFI	FW6526* FW6527* *INTER-CHANGEABLE
		88-92	THROTTLE BODY INJ MULTI-PORT INJ	FW6526* FW6527* *INTER-CHANGEABLE
GRAND PRIX	2.8	88-89		FW6500
J2000	4 CYL	85-90		FW6500

PONTIAC CONTINUED ON NEXT PAGE

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Standard Transmission Flywheels

MODEL	ENG	YR	NOTES	PART #
PONTIAC (Cont.)				
SUNBIRD	1.8	82		FW6500
	2.0	83-86		FW6500
	3.1	92-94		FW6500
SUNFIRE	2.2	95-01		FW6500
		02	VIN "4"	FW6500
6000	2.8	86-89		FW6500
TOYOTA				
CAMRY - 2WD	4-CYL	83-86		FW109
		87-5/89		FW107
		6/89-01		FW108
CELICA - 2WD NON TURBO	4-CYL	8/83-7/85		FW100
		8/85-86	2SELC ENG.	FW109
			6 CRANK BOLTS	
		87-88	3SFE ENG.	FW107
			6 CRANK BOLTS	
		89-5/89	3SFE ENG.	FW107
			6 CRANK BOLTS	
		6/89-7/89	3SGELC ENG.	FW108
			8 CRANK BOLTS	
		90-93	4AFE ENG.(ST)	FW116
			5SFE ENG.(GT)	FW108
			8 CRANK BOLTS	
		94-97	5SFE ENG.(GT)	FW108
		98-99		FW108
COROLLA	1.6	83		FW116
MR-2	2.2	1/90-95		FW108
SOLARA	4-CYL	99-01		FW108
TRUCKS 2WD & 4WD	2.4	8/83-85		FW100
		86-88	N/TURBO	FW100
		89-7/92		FW100
		8/92-95	2WD	FW100
			4WD	FW123
		3.0	88-95	FW103
T 100	3.0	93-94	2WD	FW103
4 RUNNER NON-TURBO	4 CYL	84-7/92		FW100
		8/92-10/95		FW123
		6 CYL	88-10/95	FW103
4 RUNNER TURBO	4 CYL	86-87		FW123
VOLKSWAGEN				
CORRADO	1.8	89-92		FW8210
JETTA DIESEL	4 CYL	97	TDI	FW8210
		98		FW8210
		99	VIN 8TH DIGIT "H"	FW8210
PASSAT GAS	1.8	90-97		FW8210
PASSAT DIESEL	4 CYL	96-97	TDI	FW8210

GM CAUTION

VERY IMPORTANT!!!
ALWAYS MATCH GM 2.8L & 4.3L CASTING NUMBERS!

PART #	CASTING#	LOOK FOR:	
FW6500	14018712	no weight on back	
FW6505	476505	large weight on back	
PART #	CASTING#	BOLT CIRCLE:	WEIGHT ON BACK
FW6501	14033181	10-7/8"	YES
FW6502	14100560		NO
FW6511	14033092	10-7/8"	YES
FW6512	14033092	10-1/5"	YES
FW6513	14046567	10-1/5"	NO
FW6521	14033181	10-1/5"	YES
FW6529	14013282	N/A	YES
FW6565	10218653	N/A	YES

NOTES

	TEETH	OD	FACE
FW3411	143		
FW3413		14"	
FW6504	168	14"	13-1/4
FW6513	153		
FW6516	153		
FW6525	168		
FW6526	153		
FW6527	153	12-3/4" OD	
FW6529	168		
FW6569	168		
FW6574			
FW711	157	13-1/4	12-1/4
FW712	157		500Z
FW715		4 SETS OF 2 MOUNTING	
FW716		3 SETS OF 2 MOUNTING	
FW720			11"
FW735	164	14"	280Z
FW747	184		11-1/2
FW789	157		280Z

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www.enginequest.com



ENGINEQUEST®

ENGINEQUEST warrants to the original purchaser that each product sold by us shall be free of defects in material and workmanship under normal use and with periodical maintenance as recommended by the original equipment manufacture subject to the following terms and conditions:

TERMS: 12 months from date of purchase or term of engine warranty which ever comes first.

STANDARDS: Subject to limitations listed herein, ENGINEQUEST, at it's option, shall repair or replace a product within the warranty term after determination by ENGINEQUEST that the product is defective.

All repairs and/or replacements covered by this warranty must be authorized in advance by ENGINEQUEST. Unauthorized repairs will not be paid. Remanufactured oil pump and timing cover warranty is void if pump cover has been removed or altered in any way. We assume no liability unless we are contacted before any work is done.

ENGINEQUEST will not pay towing or consequential damages. Contact our Sales Dept. for more information.

LIMITATIONS: This warranty applies to products originally supplied by ENGINEQUEST. This warranty does not apply to or include any of the following:

- A.) Damage as a result of OVERHEATING, LACK OF LUBRICATION or CONTAMINATION.
- B.) Repair or replacement required as a result of any accident or misuse.
- C.) Repair or replacement of any accessory or service item, including specifically but not limited to:
all components of the cooling, fuel, electrical and ignition systems in addition to all belts, hoses, and filters.
- D.) Any product used for competition racing or related purposes.
- E.) Any product to which a device or accessory not conforming to original manufacturer's specifications has been installed.
- F.) Any product on which periodic maintenance services required by the original manufacturer have not been performed.

LIMITED LIABILITY: ENGINEQUEST's liability under this warranty is limited solely to the repair or replacement of defective product. ENGINEQUEST shall not be liable for any incidental, special, consequential or exemplary damages, including but not limited to rental cars, towing fees or for any service not expressly provided for herein, related to or arising from our product.

STANDARD REIMBURSEMENT FOR LABOR: The amount of Labor credit for repairs will be determined by multiplying the standard labor rate per hour (based on your area, not to exceed \$40.00 USD) by the factory time shown in Chilton's and Motor's manuals. Not to exceed \$250.00.

LIMITED WARRANTY: This warranty is given in lieu of all other warranties, expressed or implied, including any implied warranty of fitness for any particular purpose. No dealer nor any agent or employee thereof, is authorized to extend or modify this warranty. This warranty may be distributed in a state(s) which may not allow the limitation or exclusion of some warranties or of incidental or consequential damages. In the event that any provision of this warranty should be or become invalid or unenforceable, the remaining terms and conditions hereof shall remain in full force and effect.

HAVE ANY QUESTIONS OR PROBLEMS?

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The information in this catalog is from reliable sources and has been compiled with the utmost care, however, we cannot be responsible for errors. Listing of parts in this catalog does not guarantee their availability.

Hollander Interchanges

PART #	HOLLANDER#
CS428	303-355
CS454	303-479
CS454S	303-479
CS179	303-58180
CS351	303-631
CS256	303-807
TC183E	305-540B
CH155N	306-1231
CH155N	306-1361
CH153N	306-1382
CH350D	306-1408
CH350B	306-1411
CH300A	306-1418A
CH300A	306-1418B
CH244A	306-1467
CH318A	306-1512
CH395N	306-1527
CH134N	306-1553A
CH134N	306-1553B
CH244B	306-1606
CH305A	306-1628
CH350C	306-1629
CH244C	306-1706
CH144N	306-58131A
CH144N	306-58131B
CH146N	306-58140
CH122A	306-58173B
CH138N	306-58203A
CH138N	306-58203B
CH156N	306-58305A
CH156N	306-58305B
CH157N	306-58401
CH350A	306-982A
CH350A	306-982B
CH350A	306-982C
TCV8RR	308-116
TC455R	308-118
TCC350	308-128
TCC305	308-130
TCC305	308-131
TC173C	308-136
TC173B	308-137
TC301R	308-140
TC400R	308-141
TC181C	308-154A
TC181D	308-154B
TC454C	308-158A
TC454C	308-158B
TC14RR	308-208
TC20RR	308-209
TC20FR	308-210
TC14FR	308-211
TC181F	308-212
TC361N	308-218A
TC361N	308-218B
TC361N	308-218C
TC242R	308-222
TC318N	308-245A
TC318B	308-245B
TC181E	308-267
TC141I	308-274
TC116I	308-283
TC116I	308-284
TC300N	308-293
TC177R	308-295
TC232A	308-296
TC183A	308-299
TC183B	308-300
TC351A	308-302A

PART #	HOLLANDER#
TC351A	308-302B
TC244R	308-306
TC460N	308-309
TC351F	308-313A
TC351F	308-313B
TC202R	308-316
TC351E	308-323
TC142I	308-327A
TC142I	308-327B
TC142I	308-327C
TC116B	308-333
TC318C	308-345
TC318E	308-346
TC232C	308-350A
TC232D	308-350B
TC488A	308-374
TC488B	308-374
TC242R	308-382
TC181G	308-392
TC232B	308-397
TC183C	308-409A
TC262P	308-434
TC350P	308-436
TC183D	308-450A
TC183D	308-450B
TC232E	308-451
TC143I	308-455
TC351H	308-457
TC351C	308-460A
TC318D	308-491
TC116A	308-506
TC116C	308-518
TC183G	308-532
TC183E	308-540A
TC183F	308-542
TC22EL	308-54354A
TC22EL	308-54354B
TC225A	308-569
TC183G	308-579
TC22RN	308-58033
TC224	308-58038
TCKA24	308-58215
TCKA16	308-58232
TCKA25	308-58373
TCSR20	308-58375
TCKA26	308-58507
TCKA17	308-58573
TCKA27	308-58741
TC183G	308-590
BA396N	309-116
BA250N	309-119
BA349N	309-148
BA350N	309-152
BA400N	309-157
BA454N	309-162
BA251N	309-163
BA252N	309-168
BA304N	309-169
BA305N	309-172
BA292N	309-178
BA289N	309-260
BA390N	309-284
BA460N	309-293
TC460N	309-312
BA302N	309-381
BA242N	309-402
BA231A	309-406B
TC460N	309-410
BA351N	309-427

PART #	HOLLANDER#
BA231B	309-430
BA231C	309-436
BA232B	309-448
BA204A	309-457
BA204B	309-458
BA232A	309-477
BA204C	309-484
BA231D	309-486
BA140N	309-541
BA460N	309-599
OP351C	311-330
OP350C	311-358
OP350E	311-358
OP454	311-365
OP454C	311-365
OP225A	311-383
OP318A	311-384
OP360A	311-385
OP258A	311-395
OP400A	311-449
OP351M	311-450
OP300A	311-479
OP305C	311-483
OP305L	311-483
OP231A	311-484
OP135A	311-493
OP156A	311-494
OP351A	311-497
OP232A	311-506A
OP232B	311-506B
OP173E	311-522
OP173A	311-523
OP420A	311-536
OP140A	311-537
OP173B	311-552
OP262A	311-569
OP304C	311-572A
OP350L	311-572A
OP273A	311-574
OP262B	311-576
OP098A	311-578
OP153A	311-579
OP173C	311-592A
OP173C	311-592B
OP173F	311-592B
OP121A	311-600
OP242A	311-601
OP239A	311-604
OP181A	311-605
OP300B	311-611
OP302B	311-612A
OP302A	311-613
OP262C	311-621
OP381A	311-623A
OP381A	311-623B
OP098B	311-632
OP232C	311-642A
OP232D	311-642B
OP351B	311-643
OP173D	311-644
OP138A	311-646
OP350D	311-647
OP153B	311-654
OP135B	311-655
OP202A	311-658
OP239B	311-660
OP183A	311-667
OP183B	311-683
OP280A	311-684B

PART #	HOLLANDER#
OP454A	311-692
OP239C	311-694
OP360B	311-696
OP183C	311-702
OP232G	311-705A
OP138B	311-707
OP381B	311-712
OP166A	311-719
OP183D	311-721
OP140B	311-722
OP232E	311-724
OP232F	311-725
OP116A	311-726
OP318B	311-735
OP189A	311-744
OP133A	311-749
OP120A	311-759
OP232H	311-762A
OP232H	311-762B
OP232H	311-762C
OP232H	311-762D
OP183E	311-765
OP460A	311-766
OP460A	311-767
OP460A	311-768
OP244A	311-771C
OP138C	311-790
OP351D	311-821
OP349A	311-859
OP155A	311-932
EN1006	327-1006
EX1038	327-1038
EX1048	327-1048
EN1073	327-1073
EX1095	327-1095
EX1096	327-1096
EN1097	327-1097
EX1100	327-1100
EN1103	327-1103
EX1127	327-1127
EX1158	327-1158
EX1159	327-1159
EN1198	327-1198
EX1200	327-1200
EN1314	327-1209
EX1239	327-1239
EN1267	327-1267
EN1276	327-1276
EX1276	327-1276
EX1278	327-1278
EX1283	327-1283
EX1284	327-1284
EX1285	327-1285
EN1287	327-1287
EN1315	327-1314
EX1315	327-1315
EX1316	327-1316
EN1318	327-1318A
EN1319	327-1318B
EN1320	327-1318C
EX1325	327-1325
EX1332	327-1332
EX1350	327-1350
EX1351	327-1351
EX1356	327-1356
EX1358	327-1358
EX1365	327-1365
EX1367	327-1367
EN1377	327-1377

PART #	HOLLANDER#
EN1381	327-1381
EN1386	327-1386
EN1387	327-1387
EN1408	327-1408A
EN1408	327-1408B
EN1408	327-1408C
EN1409	327-1409A
EN1409	327-1409B
EN1409	327-1409C
EX1421	327-1421
EX1422	327-1422
EN1438	327-1438
EN1439	327-1439
EX1445	327-1445
EX1446	327-1446
EX1455	327-1455
EX1466	327-1466
EN1533	327-1533
EX1581	327-1581
EX1607	327-1607
EX1609	327-1609
EX1614	327-1614
EX1625	327-1625
EX1626	327-1626
EX1637	327-1637
EX1646	327-1646
EX1647	327-1647
EX1648	327-1648
EX1650	327-1650
EX1663	327-1663
EX1664	327-1664
EN1671	327-1671
EN1698	327-1698
EN1699	327-1699
EN1706	327-1706
EX1711	327-1711
EX1718	327-1718
EX1725	327-1725
EX1726	327-1726
EX1730	327-1730
EX1762	327-1762
EX1781	327-1781
EX1782	327-1782
EX1783	327-1783
EX1820	327-1820
EX1728	327-1827
EX1862	327-1862
EN1049	327-1866A
EN1049	327-1866B
EN1049	327-1866C
EX1903	327-1903
EX1904	327-1904
EN324	327-324F
EX452	327-452
EN224	327-58091
EN224	327-58092
EN22RE	327-58134A
EN22RE	327-58134B
EN224	327-58142
EN4AF	327-58263
ENKA24	327-58326A
ENKA24	327-58326B
EN4AF	327-58362
EN25DE	327-58756
EN602B	327-602B
EN695	327-695
EN743	327-743
EN774B	327-774A
EN774B	327-774B

PART #	HOLLANDER#
EX779	327-779
EX802B	327-802B
EX802C	327-802C
EN815	327-815
EX855	327-855
EX870	327-870
EX880	327-880
EX882	327-882
EX891	327-891
EX906	327-906
EX907	327-907
EN936	327-936
EX936	327-936
EX937	327-937
EN942	327-942
EN966	327-966
EX992	327-992
FW6574	409-1025
FW3409	409-236
FW746	409-262C
FW789	409-290
FW6515	409-329
FW747	409-343
FW6504	409-347B
FW3411	409-396
FW6531	409-440
FW6567	409-477
FW519	409-50508
FW3413	409-521
FW100	409-52256
FW123	409-52256
FW300	409-53634
FW301	409-58282
FW107	409-58294
FW103	409-58308A
FW1202	409-58342
FW1204	409-58356
FW304	409-58393A
FW303	409-58397
FW108	409-58423
FW718	409-600
FW714	409-655
FW710	409-682
FW712	409-692
FW6500	409-695
FW6511	409-700
FW1001	409-713
FW703	409-724
FW716	409-725
FW702	409-729
FW6512	409-772
FW6510	409-773A
FW6510	409-773B
FW6525	409-781
FW711	409-794
FW701	409-795
FW723	409-796
FW724	409-796
FW6529	409-812
FW6513	409-816
FW3402	409-828
FW735	409-841
FW715	409-845
FW743	409-845
FW3430	409-856

OEM Interchanges

PART #	OEM/CASTING #
HB149N	6035514
HB149N	6035516
BA231A	25527381
CH350C	...062
CH350D	...083
CH350B	...191
CH350B	...193
CH318A	...466
CH395N	...567
CH350A	...624
CH350C	...906
CP250U	10000568
OFA151	10004891
HB122A	10031210
HB122B	10031213
HB122C	10031214
HB153A	10044565
HB153C	10044567
HB153B	10044569
RLR262	10046165
BA305N	10066046
TC189A	10070144
TC189B	10071044
HB189B	10100033
HB189A	10100034
HB133A	10101245
HB151B	10101702
FW6525	10105832
SH350R	10108477
CS022	10114189
HB454A	10141204
HB454B	10141205
BA454N	10141212
RLR263	1015916
CP350U	10168501
HB305C	10168525
HB305B	10168526
HB305A	10168527
VC352L	10211648
RF454N	10213466
SH5262	10218027
TC189C	10226111
HB189A	10227593
HB189B	10227594
HB133C	10234934
OP350M	10242245
TC350	10243963
TC350M	10243967
EX1663	10244605
CH144N	11101-35060
CO144N	11181-35050
TC22RN	11302-35010
TC22EL	11302-38010
TC22ES	11302-38010
HB151A	12337818
HB153B	12337925
HB153A	12338006
HB152A	12338010
HB152B	12338012
HB153C	12338022
DP350	12338119
BA204A	12339997
TC455R	1238864
RP151U	12508079
TB046	1250948
TC3305	12523974
OP350L	12528916
OP350M	12529174
TC3305	12531283
RB231N	1254198
TS047	1254199
RR231	1254371

PART #	OEM/CASTING #
RLR264	12551431
BA350N	12551537
OC350N	12551757
TC262P	12554555
TC262P	12554557
VC3502	12555269
VC352L	12555269
EX1862	12556041
EX1730	12556337
TC350P	12558343
HB349N	12558840
OP350M	12559020
EX1820	12559572
HB349N	12560744
HB349N	12560745
SBM350	12561389
TC350P	12562818
EX1728	12564154
EX1820	12564158
EX1728	12571680
EX1820	12571681
TCGA17	13500-0M301
TCKA26	13500-1E402
TCKA27	13500-1E404
TCKA24	13500-30R00
TCKA25	13500-53F00
TCSR20	13500-53J00
TCGA17	13500-53Y02
TCKA16	13500-77A01
TCGA17	13500-F4300
TT059	1354138
TT060	1356634
TC173A	140100617
FW6529	14013282
FW6500	14018712
HD173	14024244
HD350	14024244
SHD350	14024244
TC173C	14024263
FW6511	14033092
FW6512	14033092
FW6513	14046567
HB381A	14077193
TD174	14078822
ST173	14079567
SH5350	14080362
OFA262	14081300
TT046	14081712
HB350B	14082315
HB350C	14082316
HB350A	14082317
OP305L	14082348
HB123A	14086098
HB123B	14086099
VK173	14089209
TC173B	14090537
SBM350	14091675
IS173	14094802
VC350M	14095094
RLR350	14101116
OP22RN	15100-35020
CW318N	1618732
EN4AF	17141-19016
OFA142	22538711
BA231C	24501201
BA204B	24501985
TC181G	24502348
BA231D	24503066
BA204C	24503067
HB189C	24505015
TC189D	24505739
BA231C	24534911

PART #	OEM/CASTING #
HB142A	24573309
HB142B	24573310
HB133C	2475886
TC181A	25523276
TS042	25523327
TC181B	25524607
HB231B	25525953
HB231A	25527831
TB181	25532588
BA231B	25535485
TT061	25535668
HB231C	25539869
CE125R	2843661
TC318B	2951698
TC318N	2951698
OFA258	3173226
CW258N	3173284
OFA150	3241335
BA242N	33002920
EN1533	33007072
EN1533	33007075
TC454C	330850
TC189E	34505740
FTP034	3514185
BA251N	352153
TM454C	354407
TC318B	3769966
TC318N	3769966
OFA454	3853870
BA292N	38577352
BA396N	3860008
HB454A	3877668
HB454B	3877669
TC454C	3885048
HD454	3894327
BA250N	3896590
TC302	3899675
GP454U	3904378
WK460	3911715
OFA305	3952301
FW6567	3986394
FW6504	3991469
FW6531	3993827
CS013	3Y
CS013	3Y AB
HB150A	40073011
HB150C	4007307
HB150B	4007308
HB150A	4007310
EN1381	4323470
EN1381	4343742
SH153R	4387580
FW3411	4431100
FW3413	4431100
CP202	4483620
TC318E	4483753
BA252N	458149
BA304N	458652
OP350E	465221
SH202R	4654389
OFA173	466383
GP173U	476531
HB173A	476543
RP173U	476544
HB173B	476573
TD173	477264
BA232A	4FC26B321C
SH135N	5214784
SH134R	5214788
TC242R	53005768
TC488A	53005820
EN1377	53006244

PART #	OEM/CASTING #
CH318A	53006671
TC318C	53006705
TC488B	53006826
TC318D	53020196
TC242R	53020221
CH318A	5302044
TC488A	53020971
HB135A	5601433
ST055	6031867
HB318A	6034691
RB135N	6034915
HB318B	6034960
HB244N	6035514
HB244N	6035516
HB202A	6101631
BA349N	6272222
BA400N	6272225
HB134A	6500754
HB145A	6503559
HB145B	6503560
HB143B	6503561
HB143A	6503562
HB166A	6504087
HB197N	6504329
CS021	817
CB243N	83502890
TC177R	86TM6059
HB144A	90105-12092
HB216N	90109-10132
HB199N	90110-10006
HB199N	90201-10344
JPP002	90344-52003
JPP003	90344-53008
JPP003	90344-53011
JPP001	90345-51006
HB179A	90910-02075
HB179N	90910-02075
HB206A	90910-02077
HB206N	90910-02077
PB22RH	90999-73072
CH244A	90TM
TC244R	90YM6059
CH244A	93TM
SHD350	9441003
HB061A	96059992
HB061N	96059992
HB097A	96061591
HB097N	96061591
CH244C	98TM
DP390	B9AE6A008A
CW302N	C1TE6278A
DP302	C20Z6A008A
CE126R	C3A26287A
CE127R	C3A26287B
FW789	C3OE6380B
FW747	C4A26375L
CP300U	C5A26269A
BA289N	C5A26312A
FW746	C5A26375K
BA390N	C8A26316B
HB370A	C8SZ6065A
HB370B	C8SZ6065B
CP460U	C8SZ6269A
DT460	C8SZ-6754-A
OFA460	C9AE6890A
CP302U	C9QZ6269A
LC302	C9QZ6500C
CP200U	CODE6269A
CE1200	DOA26287A
RAB351	D1A26524A
HB171A	D1FZ6435A
DP171N	D2RY6178B

PART #	OEM/CASTING #
CP171U	D2RY6269A
RAW177	D2RY6A528A
RB302N	D3A26A527A
RB400N	D3A26A527A
SH141R	D42E6059AB
HB140N	D4FZ6065A
CP140U	D4FZ6613A
OFA140	D4FZ6890A
TT140	D4FZ6L273A
TC351A	D4OE6059
RS171R	D4ZZ6524A
HS171N	D4ZZ68070A
CE121N	D5A26287A
BA390N	D5TE6316
HB177A	D6T26065A
HB177N	D6T26065A
TC351A	D7AE6059
OFA302	D7AZ6890A
EX452	D7TE9430DC
TC232C	D9D6059BB
TC351A	D9TE6059
BA460N	D9TE6313FA
BA460N	D9TZ6316C
TC351C	E0AE6059
FW714	E0T26375A
TC232A	E2AE6059DC
HB230B	E2DZ6065D
FW712	E2ZZ6375A
SH141R	F3TE6059AA
TC351C	E3AE6059
TC141I	E3ZZ6019B
CP140	E43E6266A
CP153U	E4AE6269A
TC232B	E4AE6059BB
BA302N	E4DT6316A
HB098A	E4FZ6065A
EN1097	E4TE9428CB
EX452	E4TE9428UA
EN1097	E4TZ9426D
SH140R	E53E6335A
EN1287	E53E9430AC
EN1287	E53E9430AD
SH142R	E59E6059AA
TC351E	E5AE6059FA
EX1283	E5HE9430AA
EX1283	E5HE9430AC
EX1285	E5HE9431AC
FW716	E5TA6375J
TC300N	E5TE6019H
EX1096	E5TE9430BA
EX1096	E5TE9430CA
EX1159	E5TE9431BA
EX1278	E5TE9431BA
TC460N	E5TZ6019K
EX1315	E5TZ9430BA
EX1315	E5TZ9430C
EX1316	E6TE9430AD
SH142R	E6TE6059A
EX1332	E6TE9430BA
TC183A	E6AE6059AE
CP153	E6AE6266BA
EN1318	E6AE9430GB
CP183U	E6DZ6269A
OFA183	E6DZ6890A
RB183N	E6DZ6A527A
TC116I	E6FZ6019B
TC351C	E6GZ6019B
TT049	E6TZ6K254A
TT055	E6TZ6K297A
FW711	E6ZZ6375A
TC351A	E7AZ6019A
TC232C	E7DE6059FA

PART #	OEM/CASTING #
HB183A	E7DZ6965A
TC351C	E7PA6019A
TC351F	E7TE6059AA
TC351F	E7TZ6019A
FW715	E7TZ6375A
TB141N	E7ZZ6E008A
CE120I	E80Z6287A
SH143R	E89E6059AC
TC351E	E8AE6059
TC460N	E8TE6059
BA351N	E8TZ6316B
FW710	E8TZ6375C
HB184N	E9DZ6065A
HB141B	E9DZ6065D
SBM183	E9DZ6345D
TB140N	E9TZ6K282A
BDV8F	EAD6397A / B
RLR302	FOAZ6C515A
TT232	FODZ6K254A
OFA244	FOTZ6890A
FW703	F0ZZ6375A
SH144R	F1TE6059AB
HB280A	F1AZ6065A
TC351H	F1E6059BC
TC351C	F1SZ6019A
TC232D	F2AE6059BA
TC183B	F2DE6059HA
HB280A	F3AZ6065A
HB183A	F3DZ6065A
RG302	F3TZ6A588A
TC142I	F3ZZ6019B
HB302A	F3ZZ6065B
HB302B	F3ZZ6065C
HB302C	F3ZZ6065D
OFA098	F4FZ6890A
HB232A	F4SZ6065A
HB232B	F4SZ6065B
BA232B	F4SZ68321A
BA232A	F4SZ68321B
TT140	F4TZ6L273A
EN1698	F4TZ9430A
EN1699	F4TZ9431A
FTP034	F4ZZ6E086A
SH145R	F5TE6059AD
TC143I	F5TZ6019C
HB280A	F5AZ6065A
HB413N	F5AZ6065A
TC183C	F5DZ6059AB
TC232E	F6SE6059AE
EX1783	F6SE9430BD
EX1783	F6SE9430BE
EX1783	F6SE9430BF
CS256	F6SE-AC
EX1783	F6SZ9430B
EX1782	F6SZ9431A
TC351F	F6TZ6019AA
TC351H	F6TZ6019AB
OP183E	F6TZ66758A
BA140N	F6PZ6312AA
TC351F	F6TE6059
TC351F	F6TZ6019NA
EX1762	F6ZZ9431FA
HB256A	F7ZZ6065AA
HB256B	F7ZZ6065BA
TC351H	F8TE6059AA
TC351E	FOAZ6019A
MD156A	MD020730
HB180A	MD065959
ST180	MD108396
SH181R	MD125544
EX1903	XL3Z9430AA
EX1904	XL3Z9431AA

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