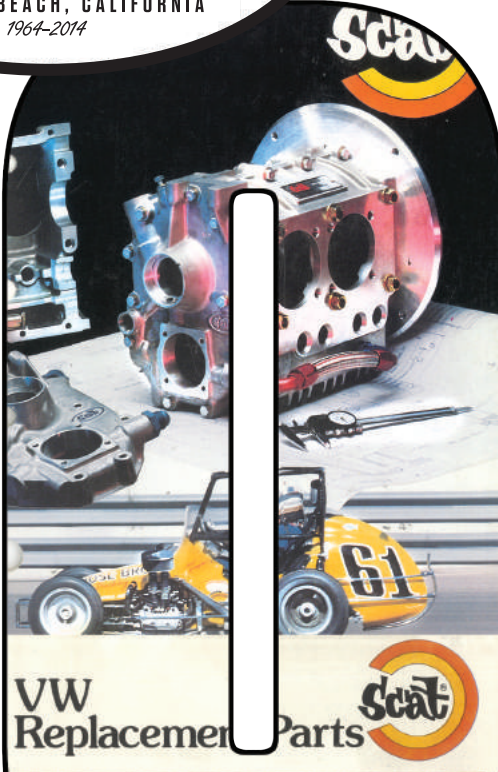
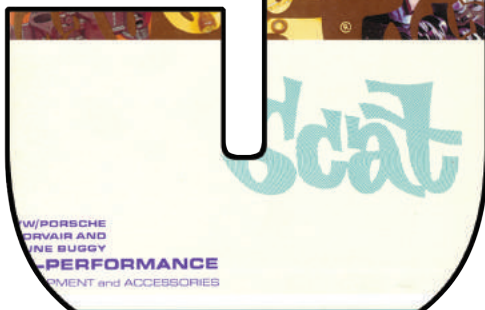




VOLKSWAGEN PERFORMANCE

RACING PRODUCTS & CUSTOM ACCESSORIES
VOL. 48 / EDITION 3



**CAMSHAFT
KITS**



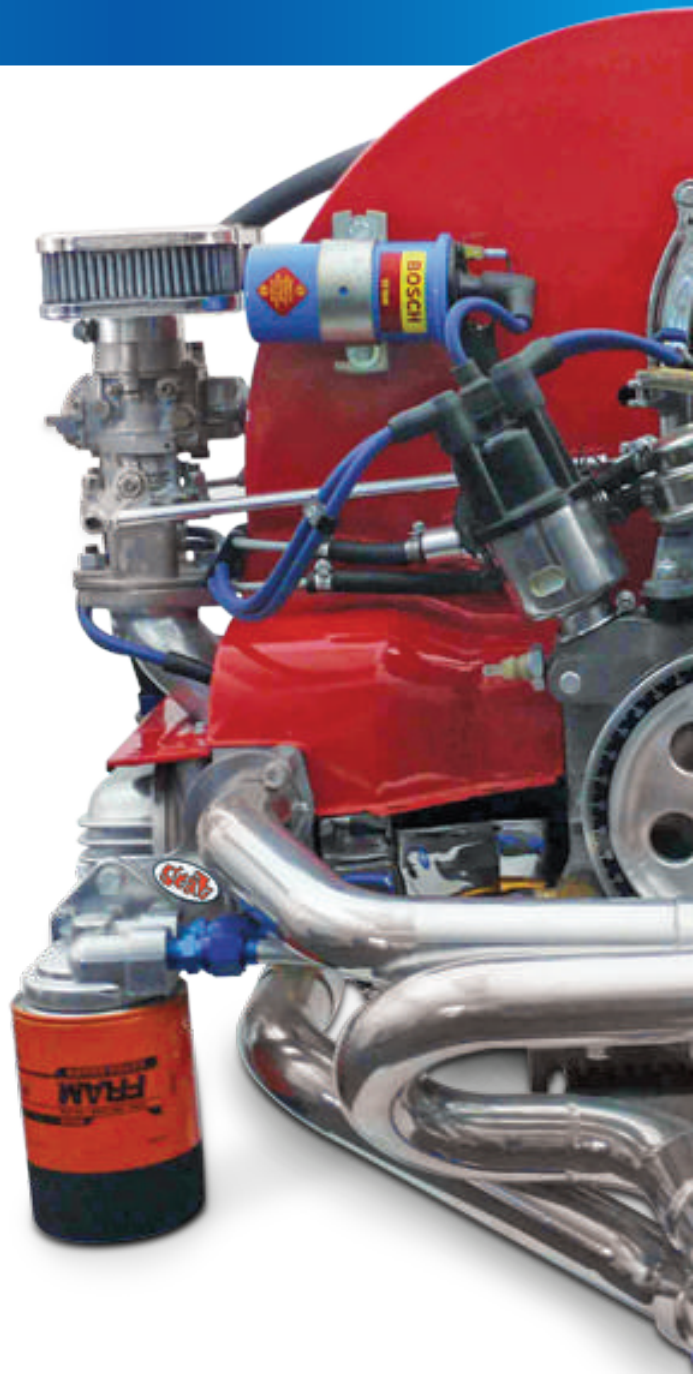
**HI-FLOW MINI-D, SUPER-D
WEDGE-PORT AND PRO
STREET CYLINDER HEADS**



**4340 CHROMOLY BILLET
& FORGED CRANKSHAFTS**



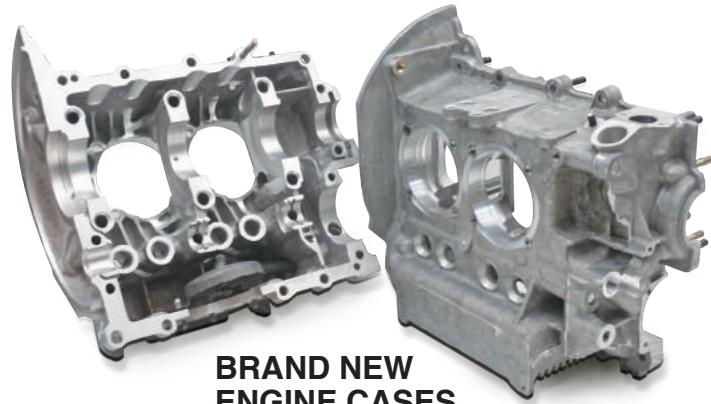
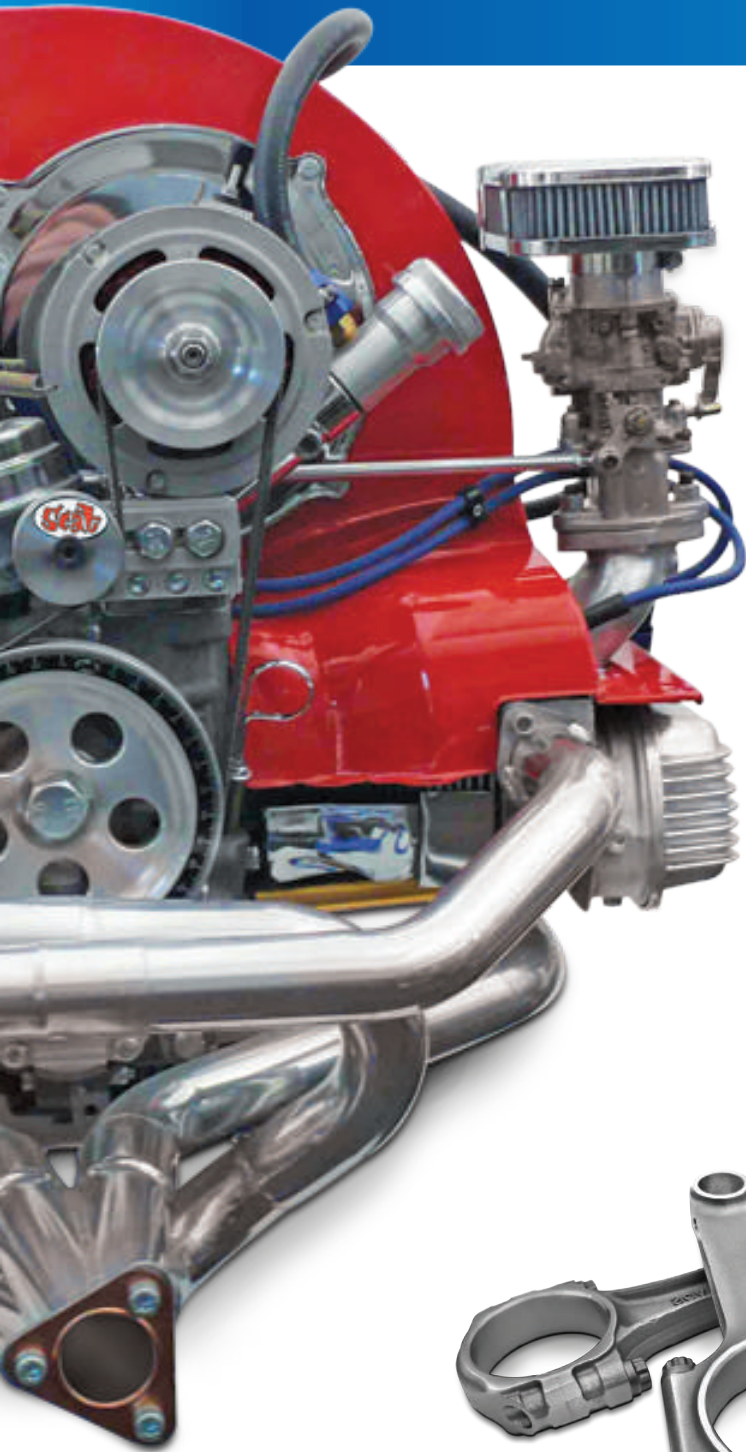
**4340 FORGED CHROMOLY
1.25 AND 1.40 RATIO
ROCKER ARM ASSEMBLIES**



Scat 0000 MILE

SCAT TURN-KEY ENGINE

- READY TO INSTALL
- ZERO MILES
- GUARANTEED TO PERFORM
- PRE-RAN & PROFESSIONALLY TUNED



**BRAND NEW
ENGINE CASES**



**BILLET FULL FLOW
OIL PUMP COVER**



**FORGED CHROMOLY
FLYWHEELS**



**H-BEAM AND I-BEAM
4340 FORGED CHROMOLY
CONNECTING RODS
WITH ARP BOLTS**



THE INNOVATOR • THE MANUFACTURER • THE LEADER

THANK YOU FOR CHOOSING SCAT FOR YOUR HIGH-PERFORMANCE VOLKSWAGEN NEEDS.

For over 40 years, SCAT has developed, engineered and manufactured the most comprehensive product line in the automotive aftermarket. SCAT has grown from a distributor of specialty Volkswagen parts into the premier manufacturer and distributor of high performance aftermarket engine components for a wide range of American and foreign engines.

SCAT, one of the original founders of the VW aftermarket, is extremely proud of our 42,000 square foot manufacturing and warehousing facility in Redondo Beach, California, U.S.A., where we house over 20 CNC machines, 12 crankshaft grinding machines, 8 polishers, 12 rod honing machines and complete in-house manufacturing, engineering and programming capability. It is with this capability and the capability of our overseas manufacturing operations that we are able to delivery the highest quality and most reliable performance parts in the industry.

We have many new product offerings and continue to offer the most comprehensive line of aftermarket parts for VW.

Our increasingly popular 0-MILE Turn-key engine and long block programs are getting rave reviews from our customers. These 0-MILE Turn-key engines and long blocks come with the highest quality parts on the market. Each engine starts with a NEW OE engine case and all NEW component parts. You will not find any re-built parts in a SCAT 0-MILE engine. Our engines are all pre-run and professionally tuned by SCAT's team of dedicated engine builders.

For your interior, PROCAR by SCAT offers complete interior kits which include seats, door panels, rear seat covers, consoles and rear package trays, in a wide range of fabrics and colors. SCAT also manufactures seat mounting brackets for over 3,000 applications, to ensure easy installation of your new seats. To complete your restored interior, SCAT can also equip your Volkswagen interior with carpet, steering wheels and DRAG-FAST shifters.

SCAT is dedicated to continuing our quest for excellence to keep the Volkswagens running and performing at the highest level. As always, we want to thank you for your business and look forward to continuing to service your VW aftermarket performance needs.

TERMS AND CONDITIONS

IMPORTANT: These parts are designed primarily for off highway use. It is the customers sole responsibility to check compliance with your State and Federal emissions regulations.

SALES POLICY

Terms, prices and policies herein supercede all previous terms, whether implied or expressed orally or in writing. We neither assume nor authorize any person to assume for us any other terms and conditions in connection with the sale of SCAT products. Due to rising costs of labor and production, all prices are subject to change without notice. Try as we may, errors can occur therefore we will not be responsible for typographical errors.

CONDITIONAL AND LIMITED WARRANTY

SCAT makes every effort to provide our customers with the highest quality products in the market place. SCAT warrants each product to be free from defects in material and workmanship for a period of one (1) year from date of purchase, provided that the product is properly installed and subjected to normal use and service. SCAT's warranty will not cover products that have been altered or improperly used with other manufacturers' products, damaged because of customer (or installer) negligence or used for racing and/or competition purposes.

All product warranties are limited to replacing or repairing any part or parts returned to SCAT, which upon SCAT's inspection, are determined to be defective. Customer is responsible for paying freight on any products returned to SCAT. Warranty covers only the product itself, not labor, towing or other perceived damages. The warranty is expressly in lieu of all other warranties, express or implied.

RETURN MERCHANDISE

All sales are final. No refunds will be made. All returns will be handled by credits to your account or exchanges. Credits or exchanges will be subject to a 20% handling charge and must be completed within 45 days of purchase. Merchandise cannot be returned without a written Return Goods Authorization issued by SCAT. Freight must be prepaid on all authorized returns. Discontinued and special order parts are not returnable. All returns must be in original packaging and not installed or altered.

Credit will not be issued if merchandise has been damaged by customer or while in transit. Credit will only be issued for merchandise which is deemed to be a manufacturing defect. Credits issued can be applied to new or existing orders. No cash refunds.

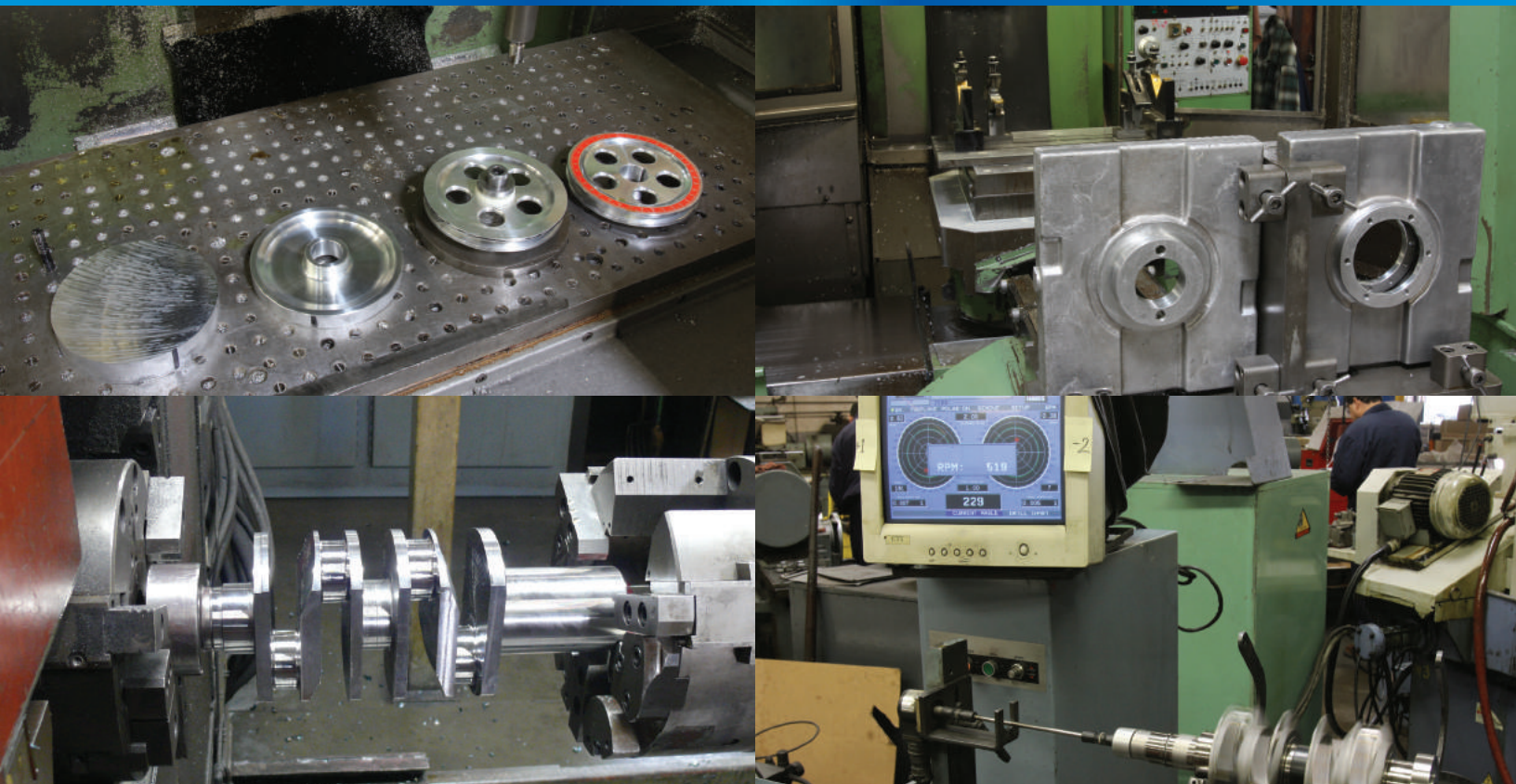
www.scatvw.com

SCAT ENTERPRISES, INC • 1400 KINGS DALE • REDONDO BEACH, CA

PRECISION VW COMPONENTS. MACHINED PROUDLY IN REDONDO BEACH, CALIFORNIA.



FINEST AIRCOOLED PARTS SINCE 1964



50 YEARS OF EXCELLENCE.

HAVE IT YOUR WAY WITH SCAT 0000 MILE ECONOMY & SUPER STREET ENGINE KITS

Eliminate all the guesswork
Top quality parts, great price and easy to assemble engine kits
for your high-mileage daily driver or weekend performance racer



SCAT ENGINE KITS include the following parts and are perfect for the 'budget' minded engine builder

NEW SCAT 4340 gland nut and thick washer
NEW SCAT Quality C/W 8-pin Crankshaft
NEW SCAT 4340 forged I-Beam rods with ARP Bolts
NEW Forged or Hypereutectic/Cast piston & cylinder kit
NEW SCAT performance grind camshaft with gear – please specify camshaft grind (C20, C25, C35, C45, etc.)

NEW SCAT lightweight racing lifters
NEW strong steel pushrods
NEW big bore engine gasket set and silicon rear main seal
NEW heavy-duty oil pump
NEW main, rod and cam engine bearings
Note: 69mm Forged Crank can be substituted = 101372-1

VOLKSAVER 69mm CAST CRANK

PISTON	SIZE / TYPE
1600-CAST	85.5mm CAST
1641-CAST	87.0mm CAST
1776-CAST	90.5mm CAST
1835-CAST	92.0mm CAST
1915-CAST	94.0mm CAST

VOLKSPower 69mm CAST CRANK

PISTON	SIZE / TYPE
1600	85.5mm FORGED
1641	87.0mm FORGED
1776	90.5mm FORGED
1835	92.0mm FORGED
1915	94.0mm FORGED

VOLKSTROKER 3 78.8mm CAST CRANK

PISTON	SIZE / TYPE
2027-3-CAST	90.5mm CAST
2095-3-CAST	92.0mm CAST
2187-3-CAST	94.0mm CAST
2027-3	90.5mm FORGED
2095-3	92.0mm FORGED
2187-3	94.0mm FORGED

VOLKSTROKER 78mm FORGED CRANK

2027-CAST
2095-CAST
2187-CAST

VOLKSTROKER 82mm FORGED CRANK

2110-CAST
2180-CAST
2275-CAST

VOLKSTROKER 84mm FORGED CRANK

2161-CAST
2234-CAST
2332-CAST

VOLKSRACER 78mm FORGED CRANK

2027
2095
2187

VOLKSRACER 82mm FORGED CRANK

2110
2180
2275

VOLKSRACER 84mm FORGED CRANK

2161
2234
2332

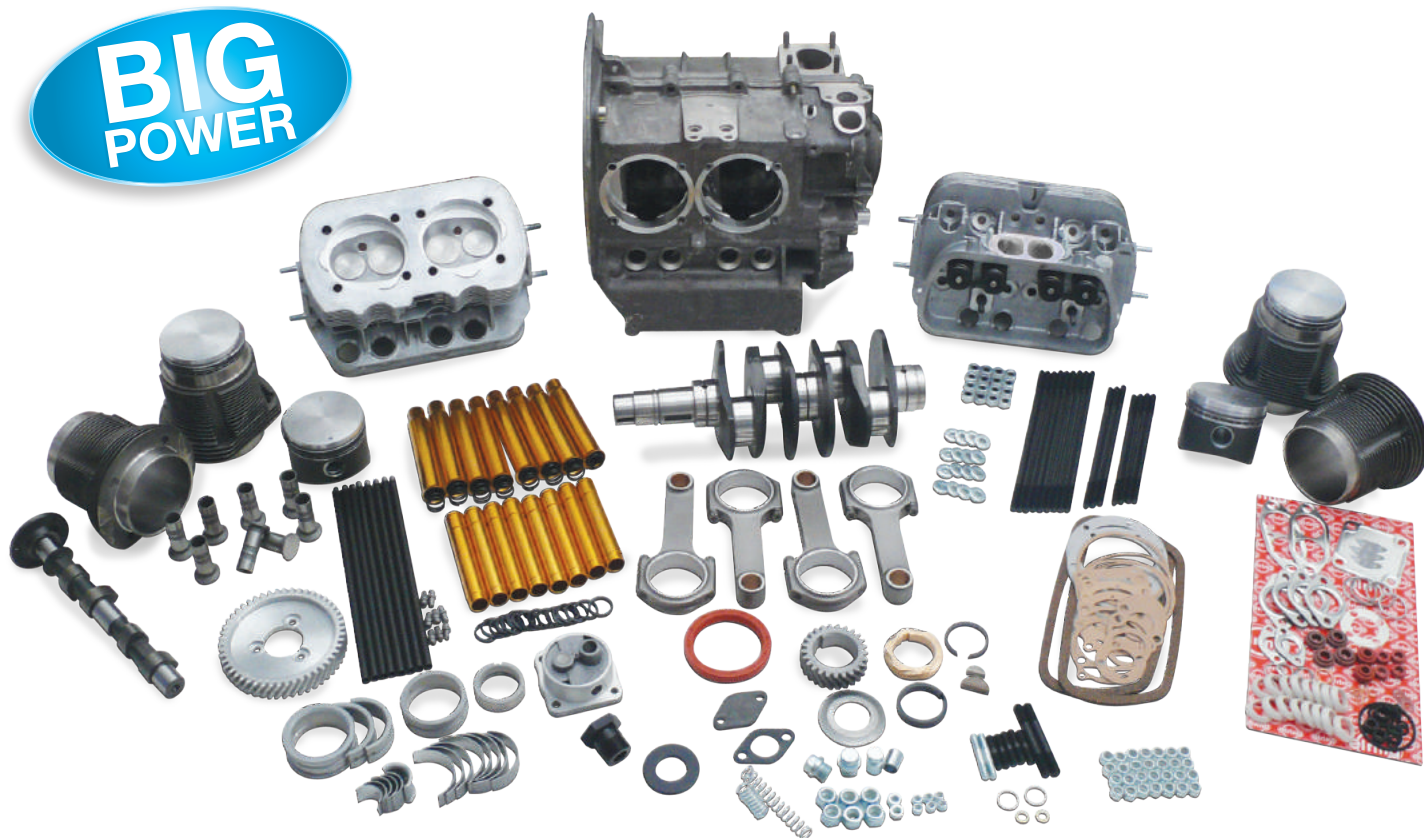
PISTON SIZE / TYPE

90.5mm CAST
92.0mm CAST
94.0mm CAST

PISTON SIZE / TYPE

90.5mm FORGED
92.0mm FORGED
94.0mm FORGED

**BIG
POWER**



SCAT STREET READY & RACE-READY ENGINE KITS

These kits are engineered to increase horsepower and pre-cleared for longer crank strokes

NEW Nitrided chromoly forged crankshaft
NEW SCAT forged H-Beam rods (Chevy or VW journal) with ARP Bolts
NEW Stroker AS41 or Aluminum dual by-pass engine case
NEW 'D Port' polished dual-port heads
NEW 3/8" cut to length chromoly manton pushrods

NEW Crankshaft Gear Assembly Kit #10207
NEW 40-piece Engine Lock Nut Kit #10173
NEW Universal Engine Case Hardware Kit # 10205
NEW SCAT adjustable O-Ring aluminum pushrod tubes
NEW 4140 chromoly 8mm dual-port cylinder/head stud kit
 Note: 69mm -1 Kits available (1600, 1776, 1835 & 1915)

STREET READY 78mm CRANK

2027-CAST-1
2095-CAST-1
2187-CAST-1

STREET READY 82mm CRANK

2110-CAST-1
2180-CAST-1
2275-CAST-1

STREET READY 84mm CRANK

2161-CAST-1
2234-CAST-1
2332-CAST-1

PISTON SIZE / TYPE

90.5mm CAST
92.0mm CAST
94.0mm CAST

RACE READY 78mm CRANK

2027-1
2095-1
2187-1

RACE READY 82mm CRANK

2110-1
2180-1
2275-1

RACE READY 84mm CRANK

2161-1
2234-1
2332-1

PISTON SIZE / TYPE

90.5mm FORGED
92.0mm FORGED
94.0mm FORGED

PERFORMANCE COMPLETE TYPE 1-3 ENGINE GASKET SETS

• Includes all gaskets required to overhaul your PERFORMANCE VW engine
111198007 1300-1600 Single & Dual-Port
10237 Performance Gasket Set 13-1600 Dual-Port Includes Special Intake Gaskets, 8 Dowel Crankshaft Gasket, 11 x 8 Exhaust Nuts





SCAT / LONG-BLOCK / KILLER CASE

SCAT's HIGH PERFORMANCE ALTERNATIVE TO O.E. LONG BLOCKS

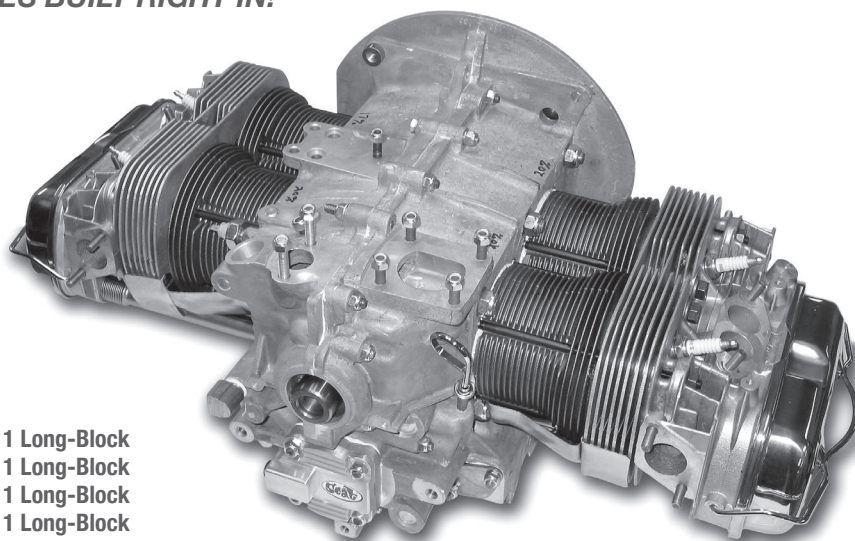


TYPE 1 LONG BLOCK

HIGH - PERFORMANCE FEATURES BUILT RIGHT IN!

0000 MILE™ DUAL PORT LONG-BLOCK ENGINE

- 8 Dowel Pin Counterweight Crankshaft
- 12.5 lb. Lightweight 8 Dowel Pin Flywheel
- Chromoly 1.25 Rocker Arms (Solid Rocker Shafts & Swivel Valve Adjusting Screws
- Chromoly Gland Nut & Thick Washer
- SCAT Lightweight Racing Lifters
- SCAT Stainless Steel 5 Tab Valve Covers
- New DogHouse Oil Cooler
- Chromoly Connecting Rods



PART

DESCRIPTION

1600LB	1600cc Zero Miles Type 1 Long-Block
1641LB	1641cc Zero Miles Type 1 Long-Block
1776LB	1776cc Zero Miles Type 1 Long-Block
1835LB	1835cc Zero Miles Type 1 Long-Block
1915LB	1915cc Zero Miles Type 1 Long-Block
2187LB	2187cc Zero Miles Type 1 Long-Block
2275LB	2275cc Zero Miles Type 1 Long-Block
2332LB	2332cc Zero Miles Type 1 Long-Block

KILLER™ DRY AND WET SUMP 3-PIECE VW 356-T6 ENGINE CASES

THOUSANDS MADE AND RACE PROVEN SINCE 1975!

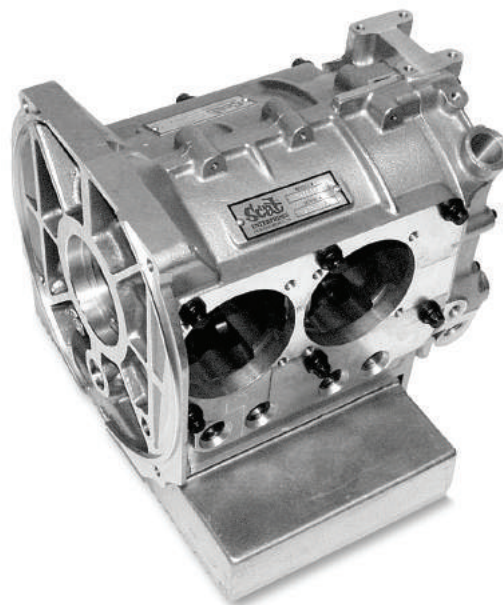
Please call our knowledgeable sales staff for assistance.

WET SUMP CASES (add an "F" to the part number if you would like a flange wet sump case)

231101	101.6mm, T1 Main
23192	92mm, T1 Main
23494	94mm, T1 Main
231965	96.5mm, T1 Main
234101	101.6mm, T4 Main
23492	92mm, T4 Main
23494	94mm, T4 Main
2349651	96.5mm, T4 Main

DRY SUMP CASES (add an "F" to the part number if you would like a flange dry sump case)

22192	92mm, T1 Main
22194	94mm, T1 Main
221101	101.6mm, T1 Main
224101	101.6mm, T4 Main
22492	92mm, T4 Main
22494	94mm, T4 Main



SCAT'S KILLER™ CASE HAS KILLER FEATURES

FEATURES INCLUDE:

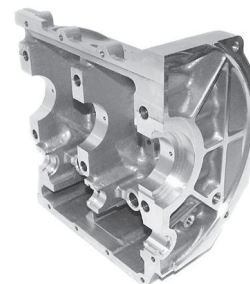
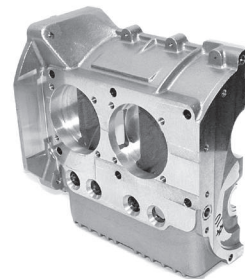
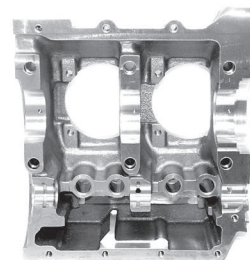
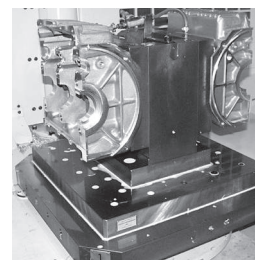
- Bullet-Proof design—Solid Main Webs
- Six (6) hollow dowels guard against case halves moving and distorting main bores
- Six (6) 4140 Chromoly Steel 7/16" Diameter Thru Studs hold together the case halves.
- Used by the World's fastest VW racers such as Dave Perkins, Pro-Turbo; Mike Stewin, Pro-Stock; Jack Sacchettee, Super Street; and Damon Harmon, 2003 Pro Stock National Champion – just to name a few world record holders
- 3-piece design with integral bell housing and removable front cover for cam timing adjustment
- Extra-large 1/2" oil galleries for positive oiling under hard racing conditions
- Clearanced for stroke crankshafts up to 90mm
- 90.5mm to 101.6mm bore kits
- Wet sump case features a 4-1/2" quart removable oil pan with external sump oil pick-up

CASE TYPE: DRY SUMP (22) OR 4-1/2" QUART WET SUMP (23)

MAIN JOURNAL SIZE: VW TYPE I, TYPE 4 CENTER, ALL TYPE 4

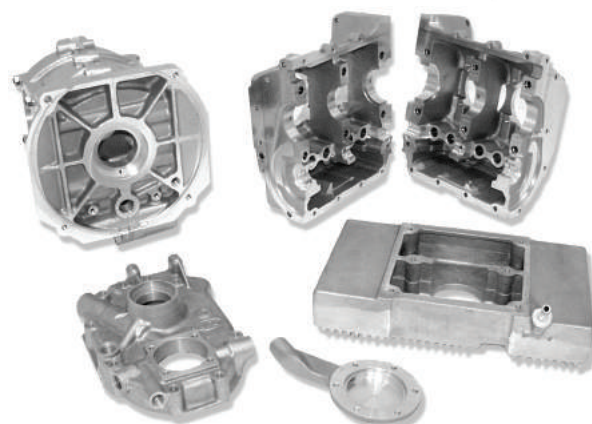
CASE BORE SIZES: 92mm thru 101.6mm

FLYWHEEL ATTACHMENT: DOWEL PIN OR FLANGE



CASE ACCESSORIES & REPLACEMENT PARTS

- 22001** 7/16"-20 4140 Chromoly Case Through Stud w/Nut & Washer
22002 Hollow Dowel Pin for Case half Alignment .550" O.D.
22003 Main Bearing Dowel Pins, Set of 5 Pieces
22004 Hollow Dowel Pin for Front Cover Alignment
22006 Front Seal for use with SCAT Pulley
22008 10mm 4140 Chromoly Cylinder Head Studs w/Nut & Washer VW Dual-Port Head to SCAT KILLER™ Case, Set of 16 Pieces
22010 10mm 4140 Chromoly Cylinder Head Studs w/Nut & Washer SCAT Split-Port Heads to SCAT KILLER™ Case, Set of 16 Pieces (Extra-long custom length cylinders requires special length studs)
22309 Cast Aluminum Center Mount Alt/Gen Tower
22310 Center Mount Aluminum Fan Housing
80181 Sand Seal Pulley 5-3/8" w/Belt Groove fits SCAT KILLER™ or VW Case
80251 Sand Seal Pulley 5-3/8" w/o Belt Groove fits SCAT KILLER™ or VW Case
10079 Flange Oil Seal for Flywheels
10184 Flange Oil Seal for Dowel Pin Crankshafts



2331601 Shown

BILLET DRY 2-STAGE SUMP OIL PUMPS

- For use with SCAT KILLER™ Case installations
- Designed to provide a 2 to 1 scavenge to pressure ratio

- 50069** Dry Sump Oil Pump
2331601 Oil Sump Pick Up Plate



DRY SUMP OIL FILTER BRACKET WITH PRESSURE RELIEF

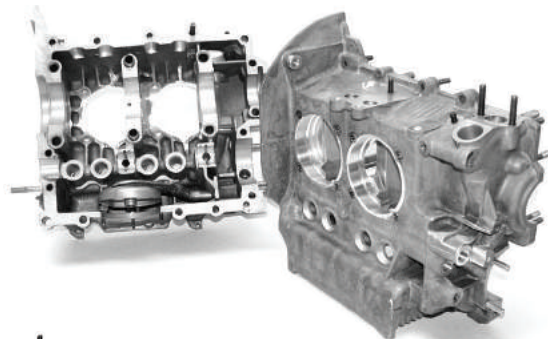
- Remote oil filter bracket with built-in adjustable pressure relief with by-pass for excess oil back to oil tank without entering engine first & picking up excess heat
- For use with any high-performance engine with a dry sump oil system

- 50073** Dry Sump Oil Filter Bracket



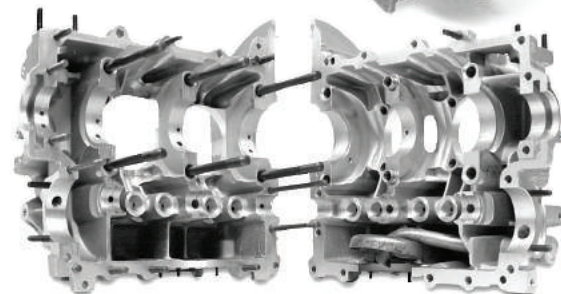
NEW O.E.M. VW MAGNESIUM STOCK TO STROKER UNIVERSAL TYPE I DUAL BY-PASS ENGINE CASES

- | | |
|-----------|--|
| 043101025 | • Type I Universal Dual By-Pass Engine Case |
| 101025-92 | • Universal Case Bored for 90.5mm / 92mm Cylinders |
| 101025-94 | • Universal Case Bored for 94mm Cylinders |
| 10186 | • Stroker Case - 92mm Bore, Stroke Relieved, Full Flow |
| 10186-1 | • Stroker Case - 94mm Bore, Stroke Relieved, Full Flow |



HIGH PERFORMANCE SUPER CASES

- Main oil galleries drilled & Tapped for easy clean out
 - Shuffle pins installed in center main saddles
 - Drilled & Tapped for full flow oil filter
 - Clearanced for 86mm Stroke Crankshafts
 - Your choice of Bores - 90.5/92 or 94mm
- | | |
|----------|--|
| 10183 | • Modified Case - 92mm Bore, Stroke Relieved, Shuffle pinned |
| 10183-1 | • Modified Case - 94mm Bore, Stroke Relieved, Shuffle pinned |
| 10183A | • Super Case Aluminum - 92mm |
| 10183-1A | • Super Case Aluminum - 94mm |
| 99999 | • Labor = Align-Bore, Sleeve Lifter Bores, Flange Seal |



CHROMOLY CASE/HEAD STUD KITS WITH HEAVY DUTY HARDEN WASHERS & NUTS (Standard or Cut to Length)

- High Tensile Strength (150,000 - 190,000 PSI) to eliminate stretch
- Best quality materials & machining for superior strength & performance
- Kits= 16 Chromoly Studs, Thick Harden Washers & Harden Hex Nuts

- | | |
|--------|--|
| 10165 | • 8mm Standard Length Dual-Port 4140 Stud Kit (150m) |
| 10170 | • 8mm Cut-to-Length Dual-Port 4140 Stud Kit (150m) |
| 10171 | • 10mm Cut-to-Length Dual-Port 4140 Stud Kit (190m) |
| 10172 | • 8mm Cut-to-Length Dual-Port 8740 Stud Kit (190m) |
| 10170S | • 8mm Cut-to-Length Single-Port 4140 Stud Kit (150m) |
| 10474 | • 12mm Cut-to-Length Type 4 Stud Kit |



STEEL CASE SAVERS – 16-PIECE SET

A MUST FOR ALL HIGH-PERFORMANCE APPLICATIONS

- For VW Type 1-3 40HP – 1600 cases
- A positive method of repairing stripped case threads by restoring threads to their original sizes
- For preventative measure on brand new engine cases by providing a stronger anchor for head studs than original

- | | |
|-------|---|
| 20133 | • 14.2mm O.D. x 10mm |
| 20134 | • 14.2mm O.D. x 8mm |
| 20135 | • .500"/12.75mm O.D. x 10mm – for 92mm O.E.D. Cylinders |

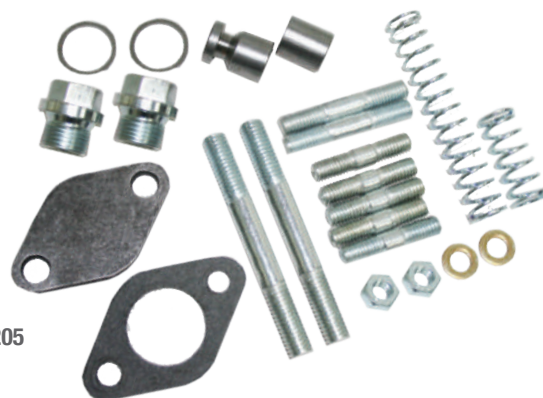


20133

UPGRADE TYPE I ENGINE CASE HARDWARE KIT

- Chrome Hex Head Plunger Plugs
- Heat Treating Engine Mounting Studs
- Oil Boost Springs, Plungers, Pump Studs, & Block Off

- | | |
|-------|---|
| 10205 | • Engine Case Installation Kit |
| 50025 | • Oil Booster – Dual by-pass kit only |
| 99628 | • 18mm Oil Hex Plunger Plug |
| 10206 | • Type III to Type I Block Off Plate Only |



10205
KIT

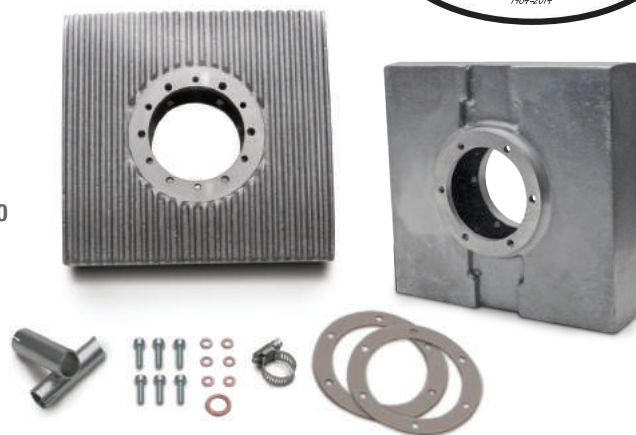
1-1/2 AND 2-QUART VW 356-T6 RE-INFORCED TYPE I OIL SUMPS

50060 SCAT 1-1/2" Quart Oil Sump, VW Type 1-3 Engine

50050 2 Quart Super Sump, VW Type 1-3 Engines

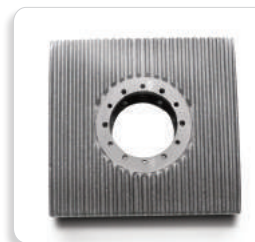
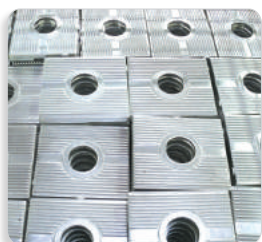
- ALL SUMPS ARE SEALED TO PREVENT LEAKS
- Especially designed for RACING, LOW RIDERS & OFF-ROAD & MADE in U.S.A. By SCAT
- REINFORCED INTERNAL STANDS for maximum strength & prevents base of sump from breaking when bottomed out against curb or rock
- Completely finned for maximum heat dissipation and oil cooling
- Simplified bolt-on installation with socket head allen cap screws
- Stock studs from engine case are removed and used to install stock drain cover plate to bottom of new sump
- Installation Hardware & Oil Pickup Tube Extension included

50050



**DID
YOU
KNOW
?**

SCAT Aluminum Oil Sumps are CNC machined to exact tolerances for a perfect fit and seal



MAGNETIC DRAIN PLUG/CHROME DRAIN PLATE/OIL CHANGE KIT

- 50118** Magnetic Drain Plug – attracts metal particles in oil sump
50126 Chrome Oil Drain Plate w/Chrome Drain Plug
51001 Oil Change Kit – Includes Oil Strainer & Gaskets
113115181 Stock Drain Plate Cover, Drain Plug & Gasket Set
113198031A Complete Oil Strainer Gasket Set
311115175A Oil Strainer 40HP – 1600

51001



BILLET 6061-T6 OIL DRAIN PLATE KIT

50127 Billet 6061-T6 Oil Drain Plate Kit

- Stops oil leaks caused by stamped plates
- Surfaced planned for a tight seal
- Made in U.S.A. for long-lasting beauty
- Tapered Flange Drain Plug

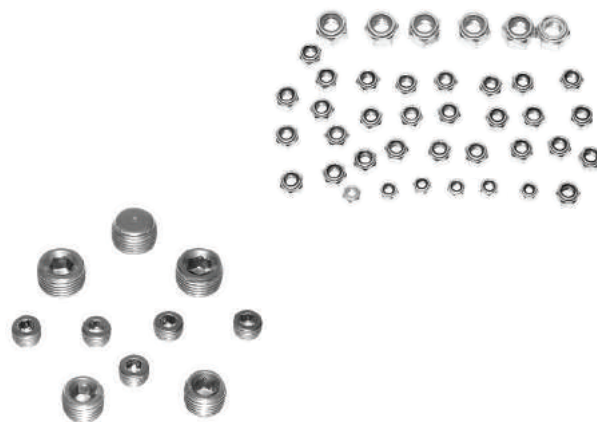
ENGINE LOCK NUT KIT

IDEAL FOR ANY COMPETITION USE ESPECIALLY OFF-ROAD

- For VW Type 1-3 engine cases - 40-Piece Kit – enough for one complete engine
- NYLOCK NUTS resist vibrations keeping engine tightly sealed

10173 • Engine Lock Nut Kit

50127



ALUMINUM OIL GALLEY PLUG SET

- Special Anodized Aluminum AN Style Pipe Plugs that Replace all the Pressed-In Oil Gallery Plugs
- Facilitates Cleaning & Draining of Oil From Engine Case
- Kit = 5 pieces of 1/8", 2 pieces of 1/4", & 2 pieces of 3/8" plugs

50033 • Aluminum Oil Galley Plug Kit



OIL PUMPS, SUMPS AND ACCESSORIES SERIES 50

MELLING & SCHADEK HIGH-VOLUME TYPE 1 - 4 OIL PUMPS & COVERS (8mm)

- Jumbo 26mm & 30mm over-size gears for greater oil volume and pressure to maximize the lubrication of vital engine parts
- Full Flow oil pumps and cover to run oil filter & external cooler

50002	Schadek 26mm pump - Early 3-bolt cam
50027	Schadek 30mm pump - Early 3-bolt cam
50028	Schadek 30mm pump - Late 4-bolt cam
50026	Melling Iron Body 30mm pump - Early 3-bolt cam
50135	Melling Iron Body 30mm pump - Late 4-bolt cam
311115141C	OEM Iron pump cover
50002-PLUG	Full Flow 26mm pump - Early
50027-PLUG	Full Flow 30mm pump - Early
50026-PLUG	Full Flow Iron Body 30mm pump - Early
50059	Billet 6061 Full Flow cover for oil filter and external cooler system



EXTERNAL SPIN-ON FILTER OIL PUMPS - TYPE 1

- High-performance Oil Pump/Filter Combination
- Jumbo 32mm gears increase oil pressure & volume
- Engine runs cleaner, cooler and increases engine bearing life

50035	EARLY Filter Pump, 3-Bolt Cam
50036	LATE Filter Pump, 4-Bolt Cam
50009	Spin-on Oil Filter Cartridge
50014	Type 4 Sandwich Adapter Plate
PH8A	Fram Performance Oil Filter
HP-1	Fram Racing Oil Filter



BRAD PENN HIGH PERFORMANCE ENGINE OIL WITH ZINC

PEN-7119	Brad Penn Racing Oil 20W 50 w/ zinc 1 Quart
PEN-7144	Brad Penn Racing Oil 10W 40 w/ zinc 1 Quart
20-00732	Joe Gibbs Assembly Grease 1.0 oz.



PEN-7119
PEN-7144

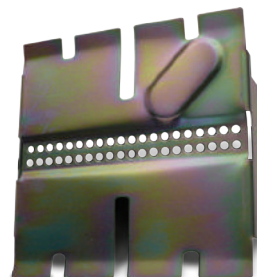


20-00732

SLIP-IN WINDAGE TRAY

- Trays are designed to help control oil from sloshing from side to side
- Ideal for all competitive demands of high speed cornering, quick acceleration, hill climbing
- Fits below camshaft to separate chamber helping to eliminate oil spray and froth which robs horsepower at high RPM's

50058 Slip-In Windage Tray – All Type 1-3 Engines



50058



98081

VW DECK HEIGHT MEASURING TOOL

Accurately measures distance from top of cylinder to top of piston – For use with All Type 1-3 VW engines



98056

VW/PORSCHE PLASTIC CLUTCH PILOT

Aligns clutch disc with pressure plate and flywheel for ease & proper installation



98083 36mm
98084 46mm

AXLE NUT REMOVAL TOOL

For use in removal of rear axle nut use with 1/2" breaker bar



98078

OIL PUMP PULLER

Oil pump removal without damage to pump or engine case



98087

DISTRIBUTOR DRIVE PULLER

Easy removal & installation of distributor drive pinion



98089

VW OIL PRESSURE PISTON PULLER

For simple removal of oil pressure piston from engine case All VW Type 1-4 engines



90058

CRANK DEGREE PULLEY PULLER

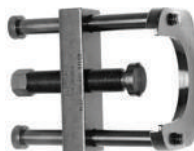
Crankshaft Degree Pulley Puller



98086

END PLAY MEASURING TOOL

Measure end play movement of VW crank without use of dial indicator – for use with feeler gauge – All VW, Porsche 912 & 914



98057

CRANKSHAFT GEAR PULLER

Remove timing gear from crankshaft without damage – use of press is not required



98072

VW FLYWHEEL LOCK

Locks flywheel securely in position – for use with 109 tooth 6V or 130 tooth 12V flywheels



98092
98093

PISTON RING COMPRESSOR

Tool compresses piston rings using pliers allowing cylinder to be slipped over piston



98095

VW FLYWHEEL SEAL INSTALLER

Accurately presses rear main flywheel seal into engine case – clears all dowel pins- For use with wall Type 1-3 VW engines



BENCH & FLOOR MODEL VW ENGINE STANDS

- Professional model engine stands allows you to work on your VW or Porsche engine & transaxles at the proper height & angle with ease
- Twist of 'T' handle allows you to rotate a full 360 degrees
- Heavy- duty steel construction- strong durable casters provide mobility for floor model stand
- Ears of engine stand yoke bolt to case of transaxle housing

98001 Bench Model Engine Stand

98079 Floor Model Engine Stand

-UPS Shipping Available

SCAT BORING/FLYCUTTER TOOL ASSEMBLY



- Versatile and inexpensive
- Special Professional tool designed to bore cases & heads for oversize cylinders & pistons or flycut heads for increased compression
- Tool may be used with mill, drill press, or hand drill
- Ring base of tool housing eliminates necessity of milling head surfaces to use tool

98016 Complete Tool- w/ 1.312" Replacement Cutter
-Use w/#98041 Holder only

98034 Replacement Cutter Bit

98041 Tool Holder w/Screws

- 3/4" x 1-1/4" Steel Tool Holder & Centering Block are precision machined to insure accuracy
- Precision machined tool steel cutter
- Steel components are black- oxide finished to insure long corrosion resistant use
- Illustrated instructions & all necessary hardware is included
- 356- T6 Aircraft Quality Aluminum Housing machined to exacting tolerances with a Gits oil fitting to lubricate the 1-1/2" diameter precision ground steel shaft

SCAT 4340 CHROMOLY BILLET FLANGE CRANKSHAFTS

In 1972, SCAT created the Type 1 flange crankshaft to harness the extreme horse-power / torque of immensely highly-modified VW race engines and to eliminate the separation of the flywheel from the crank during a high-rpm launch. Over the years, SCAT has improved the design along with the strength of their crankshafts in-order to extend the life of high-performance race engines and to better support the racers need for speed.



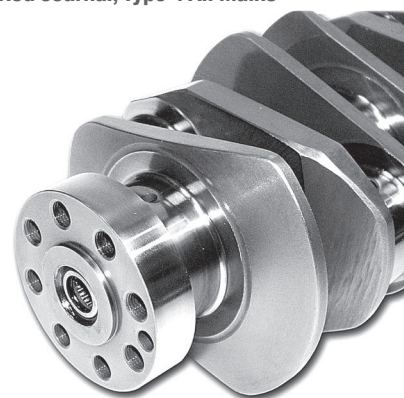
THE PRO-SERIES DRAG BILLET

PART # DESCRIPTION

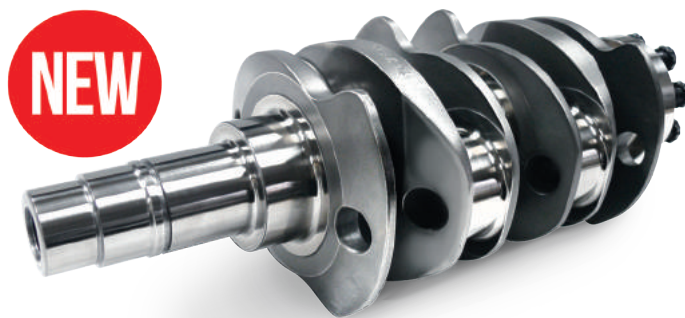
8-84-4114F	84mm, Chevy Rod Journal, Type 4 Center Main
8-84-4444F	84mm, Chevy Rod Journal, Type 4 All Mains
8-86-4114F	86mm, Chevy Rod Journal, Type 4 Center Main
8-86-4444F	86mm, Chevy Rod Journal, Type 4 All Mains
8-88-4444F	88mm, Chevy Rod Journal, Type 4 All Mains
8-90-4444F	90mm, Chevy Rod Journal, Type 4 All Mains

KEY FEATURES FOR BOTH THE SERIES AND ULTRA PRO-DRAG FLANGE CRANKSHAFTS

1. Custom main and rod journal combinations to best serve your engine needs
2. Knife-Edged counter-weights for increased horse-power by cutting through windage
3. 3-step heat-treating = Core hardened, Stress relieved, and ION Nitride
4. 8 each ARP 7/16" flywheel mounting bolts for maximum clamping force and easy removal
5. Straight-Shot 3/16" oiling system to maintain strong oil pressure at high RPM's
6. Machined to print by professionals to exact sizes, dynamically balanced and polished to print / spec
7. Chamfered main and rod journal oiling holes to properly catch and distribute oil efficiently



NEW ULTRA PRO-DRAG BILLET FLANGE CRANK



1. Counterweight and bridge design for increased strength and durability.
2. Large 1/8" radius main and rod journals (requires chamfered bearings).
3. Gun Drilled lightening holes through mains, counter-weights and rod journals to reduce crank weight and lower internal case pressure.

PART # DESCRIPTION

8-86-4444F-3	86mm, Chevy Rod Journal, Type 4 All Mains
8-86-44C4F-3	86mm, Chevy Rod Journal, Chrysler Rear Main
8-86-5444F-3	86mm, Honda Rod Jojrnal, Type 4 All Mains
8-88-4444F-3	88mm, Chevy Rod Journal, Type 4 All Mains
8-88-44C4F-3	88mm, Chevy Rod Journal, Chrysler Rear Main



PRO DRAG 12- VOLT 4340 BILLET FLANGE FLYWHEELS

- Flywheel locates on 1, 8mm chrome vanadium crankshaft dowel pins, and is positively locked into place with 8 each ARP 2000 big head 7/16-20 12-POINT Bolts
- Machined to exact tolerances in our facility with the latest CNC machining center
- Rear of engine case must be machined to accept rear oil seal
- Replaceable ring gear

- 60063 12-Volt 6 bolts 200mm Flywheel
 60067 12-Volt 6 bolts 200mm Flywheel for J&G Floater Clutch Assembly
 60068 J&G Floater Clutch Assembly
 60083 12-Volt 8 Bolts 200mm Flywheel
 60087 12-Volt 8 Bolts 200mm Flywheel for J&G Floater Clutch Assembly
 10074 ARP 2000 Big Head 7/16-20 ARP 12-POINT Flywheel Bolts - Each
 (Torque 80-85 Foot Pounds)
 10079 Flywheel flange crank oil seal



SUPER FLANGE 'SPLIT' REAR MAIN BEARINGS

- For use with all SCAT VOLKSTROKER PRO-DRAG FLANGE CRANKSHAFTS
- For Type 1 or Type 4 Mains\

TYPE 1 MAIN JOURNAL STANDARD CASE

- 10078STD Standard Crank
 1007825 .010"/.25mm Crank
 1007850 .020"/.50mm Crank
 1007875 .030"/.75mm Crank

.020"/.50MM OVERSIZE CASE

- 1015850STD Standard crank
 101585025 .010"/.25mm Crank

TYPE 4 MAIN JOURNAL STANDARD CASE

- 10213STD Standard Crank
 1021325 .010"/.25mm Crank
 1021350 .020"/.50mm Crank

.020"/.50MM OVERSIZE CASE

- 1021450STD Standard Crank
 102145025 .010"/.25mm Crank

SPECIAL TYPE 4 CENTER MAIN BEARINGS

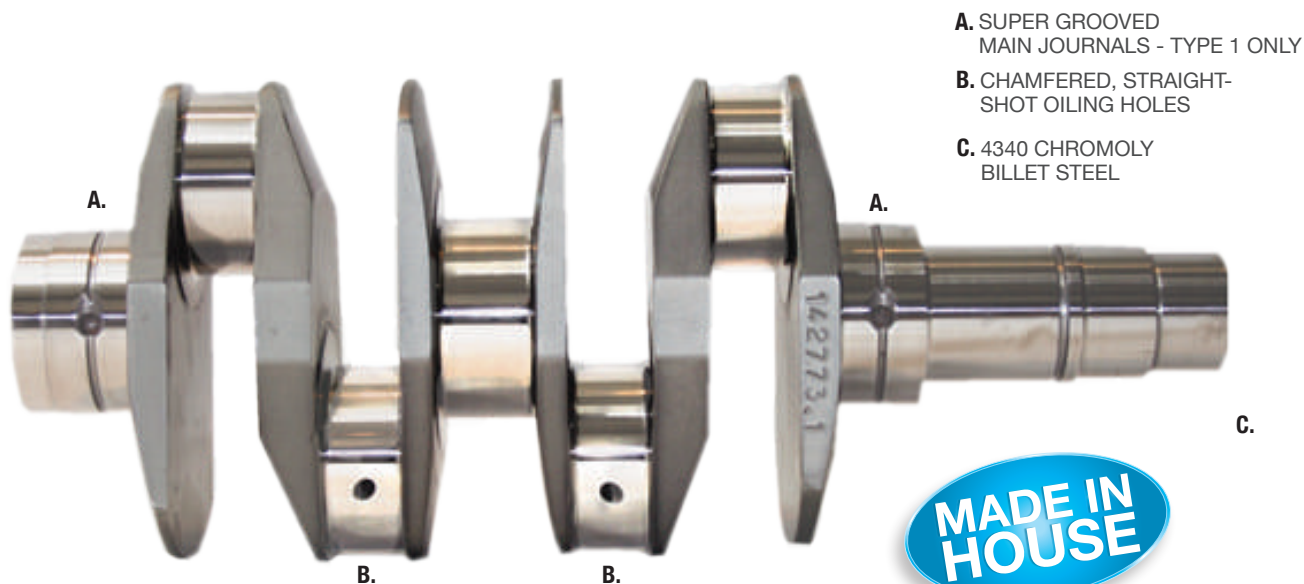
- For crankshafts with TYPE 4 CENTER MAIN JOURNAL and TYPE 1 CASE BORE
- For use in SCAT KILLER or VW Type 1 - 3 cases

- 10204STD Std Case x Std Crank



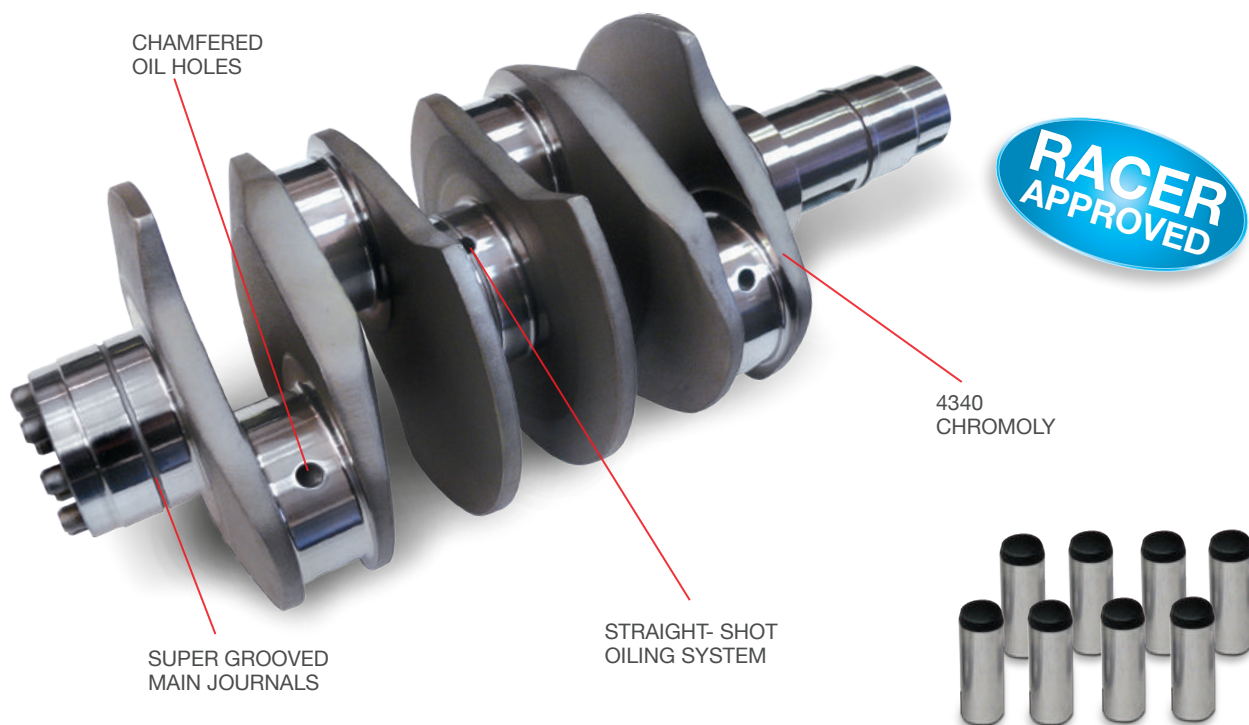
SCAT CUSTOM BILLET DOWEL PIN CRANKSHAFTS TO FIT YOUR NEEDS

1. Custom main and rod journal combinations to best serve your engine needs
2. Manufactured In-House from the Finest Virgin 4340 Chromoly Steel Billets
3. Knife-Edged counter-weights which increase horse-power by cutting through windage
4. 3-step heat-treating / Nitriding process for maximum strength and extend bearing life
5. Wedge-Mate friendly, 8 dowel pins included but not installed (Wedge-Mate service = 99996)
6. Straight-Shot oiling system from mains to rod journals to maintain strong oil pressure at high RPM's
7. Large radiuses on main (Type 1 or 4) and rod (VW or Chevy) journals for extra strength
8. Machined by professionals to exact sizes, dynamically balanced and polished to print / spec
9. Chamfered main and rod journal oiling holes to properly catch and distribute oil efficiently



SCAT stocks the following models, but others are available as well – please call our knowledgeable sales staff and let them help you with all of your dowel pin LIGHTWEIGHT crankshaft needs.

PART #	DESCRIPTION	PART #	DESCRIPTION
8-78-2111D	78mm, VW rod journal, Type 1 all mains	8-78-2114D	78mm, VW rod journal, Type 4 center main
8-82-2111D	82mm, VW rod journal, Type 1 all mains	8-82-2114D	82mm, VW rod journal, Type 4 center main
8-82-4111D	82mm, Chevy rod journal, Type 1 all mains	8-82-4114D	82mm, Chevy rod journal, Type 4 center main
8-84-2111D	84mm, VW rod journal, Type 1 all mains	8-84-2114D	84mm, VW rod journal, Type 4 center main
8-84-4111D	84mm, Chevy rod journal Type 1 all mains	8-84-4114D	84mm, Chevy rod journal, Type 4 center main
8-86-4114D	86mm, Chevy rod journal, Type 4 center main	8-88-4114D	88mm, Chevy rod journal, Type 4 center main
8-82-4444D	82mm, Chevy rod journal, Type 4 all mains	8-84-4444D	84mm, Chevy rod journal, Type 4 all mains
8-86-4444D	86mm, Chevy rod journal, Type 4 all mains	8-88-4444D	88mm, Chevy rod journal, Type 4 all mains
8-90-4444D	90mm, Chevy rod journal, Type 4 all mains	8-90-4114D	90mm, Chevy rod journal, Type 4 center main
99996	Wedge - Mate crankshaft to flywheel		



SCAT VOLKSRACER 4340 CHROMOLY FORGED COUNTERWEIGHTED & 8 DOWEL PIN CRANKSHAFTS:

101372-1	69mm x VW Pin, Type I Main
101398-1	78.8mm x VW Pin, Type I Main
101404-1	82mm x Chevy Pin, Type I Main
101402-1	82mm x VW Pin, Type I Main
101412-1	84mm x VW Pin, Type I Main
101414-1	84mm x Chevy Pin, Type I Main
101424-1	86mm x Chevy Pin, Type I Main

- SCAT Exclusive Straight-Shot Oil System
- Manufactured from the finest virgin 4340 Chromoly Forgings
- Ground to exact sizes, magnafluxed, dynamically balanced & micropolished
- Dowel Pins included, but not installed (wedge mate)
- Grooved main journals for superior oil flow
- 5/64" (2.0mm) radius on journal and chamfered oil holes
- Nitrided for added strength

CHROME VANADIUM CRANKSHAFT DOWEL PINS

- For VW Type 1-3
- Used in all SCAT Crankshafts
- Heat treated for maximum strength & precision ground to exact tolerances
- 8mm Diameter x 24mm long

10056	Set, Dowel Pins & Gaskets
10072	10 Pack, 8 Dowel Pin Gaskets
10056-200	200 Pieces, 8mm Dowel Pins – Bulk



CAST CRANKSHAFTS & ACCESSORIES

NEW SCAT TYPE I CAST COUNTERWEIGHTED & 8 DOWEL PIN CRANKSHAFTS

- Eliminate engine vibrations and bearing wear
- Maximum performance up to 5,500 RPM/130 HP

10692 69mm Volksaver, 8 Dowel Crankshaft
10782 78.8mm Volkstroker 3, 8 Dowel Crankshaft



SCAT CRANKSHAFT TYPE I GEAR ASSEMBLY KIT

- For use with all Type 1 Crankshafts
- Replace worn or faulty parts with these quality components for proper timing of your engine

10207 CRANKSHAFT GEAR ASSEMBLY KIT
113105209 Timing Gear
111105213 Woodruff Key Timing Gear
111105223 Distributor Drive Gear
111105227 Crank Lock Ring
113105241A Oil Slinger
113105249 Woodruff Key Crank Pulley
10234 Crankshaft Racer Spacer

KIT INCLUDES

- Note: Racer Spacer fits completely around crankshaft to form a single steel band Will Not Open-Up under high-stress conditions as is common with stock "U" shaped gear spacers



DISTRIBUTOR DRIVE PINION & COMPONENTS

111105231B Drive Pinion (not in kit) Recon.
113105231B New O.E.M Pinion (not in kit)
111105235A Distributor Drive Washer .6mm Pinion
111105233 Crank Distributor Drive Spring 1/4 x 1 x .035

TYPE I VW QUALITY ENGINE MAIN BEARING SETS

- A must for all performance applications where reliability & longevity is essential
- Minimizes case distortion under heavy loads



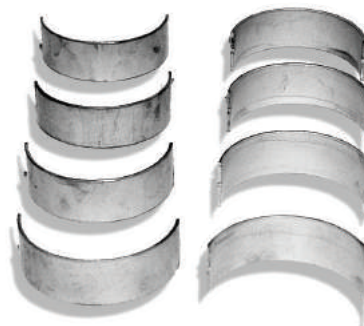
CRANKSHAFT SIZES:	Standard	.020"/.50mm CASE:	.040"/1mm CASE:	.060"/1.5mm CASE:
Standard	111198461	111198471	111198481	w.(+2mm Thrust)
Oversize	Thrust Cut	111198471+1	111198481+1	111198491
.010"/.25mm	111198463	111198473	111198483	111198493
.020"/.50mm	111198465	111198475	111198485	111198495



HIGH-PERFORMANCE VW & CHEVY 2.000" JOURNAL CONNECTING ROD BEARINGS

- Steel backed special alloy bearings
- A must for performance applications where reliability and longevity is essential
- Available in standard and oversize sets

CRANKSHAFT	VW 2.165"/55mm JOURNALS	CHEVY 2.000"/51MM JOURNALS
Standard	113105701	10101STD
.010"/.25mm	113105707	1010125
.020"/.50mm	113105713	1010150
.030"/.75mm	113105719	1010175



IF YOU ARE NOT USING SCAT RODS,
YOU ARE SIMPLY "NOT CONNECTED!"

3/8" BOLTS ARE STRONGER THAN
5/16" BOLTS. ALL OF OUR RODS ARE FINISH
MACHINED AND BALANCED AT SCAT AND FEATURE:

- Rods Come with ARP Bolts.
- Installed & Torqued to spec. at SCAT
- DOWELED CAP for Precision Alignment
and sized to tightest spec
- High-Tensile 4340 Forged Material for Durability
- Balanced AT SCAT to ± 1
Gram IN STEPS

ALL SCAT RODS ARE PRECISION HONED
ON THE LATEST SUNNEN EQUIPMENT
WITH DIAMOND TOOLING, TEMPERATURE
CONTROLLED COOLING AND MICRO
PROCESSORS FOR EXACTING SIZES



**SIZE
MATTERS**



SCAT 3/8" H-BEAM CONNECTING RODS WITH ARP 2000 BOLTS

PART #	BOLTS	PART#	BOLTS	DESCRIPTION	ROD JOURNAL	ROD LENGTH
102494-3	ARP 2000			CHEVY JOURNAL	2.000"/51mm	5.325"/135.30mm
102502-3	ARP 2000			VW JOURNAL	2.165"/55mm	5.394"/137.00mm
102512-3	ARP 2000			VW JOURNAL	2.165"/55mm	5.500"/139.00mm
102514-3	ARP 2000			CHEVY JOURNAL	2.000"/51mm	5.500"/139.00mm
102532-3	ARP 2000			VW JOURNAL	2.165"/55mm	5.700"/144.80mm
102534-3	ARP 2000			CHEVY JOURNAL	2.000"/51mm	5.700"/144.80mm

SCAT 3/8" I-BEAM CONNECTING RODS

ICR5394-8740	ARP 8740	ICR5394-3	ARP 2000	VW JOURNAL	2.165"/55mm	5.394"/137.00mm
ICR5500-8740	ARP 8740	ICR5500-3	ARP 2000	VW JOURNAL	2.165"/55mm	5.500"/139.00mm
ICR5500-8740-4	ARP 8740	ICR5500-34	ARP 2000	CHEVY JOURNAL	2.000"/51mm	5.500"/139.00mm

SCAT 5/16" H-BEAM CONNECTING RODS

102494-2	ARP 2000	CHEVY JOURNAL	2.000"/51mm	5.325" / 132.2mm
102512-2	ARP 2000	VW JOURNAL	2.165"/55mm	5.500" / 139.0mm
102522-2	ARP 2000	VW JOURNAL	2.165"/55mm	5.600" / 139.0mm
102534-2	ARP 2000	CHEVY JOURNAL	2.000"/51mm	5.700" / 144.8mm

ARP/SCAT BOLTS & LUBE

4AJ1.601.1SLU

4AJ1.601-2SLU

3AG15052U
100-9908

VW SCIROCCO/JETTA/GOLF
ARP 2000 3/8" CAP SCREWS

ARP 8740 ROD BOLT 3/8"

45ft. / lbs. w/ ARP Moly

ARP 2000 ROD BOLT 3/8"

230,000 PSI - torque spec. 48 PSI

ARP 2000 ROD BOLT 5/16"

ARP ULTRA MOLY ASSEMBLY LUBE 1/2" OZ



PART #	ENGINE #	ROD LENGTH	ROD JOURNAL	WRIST PIN	B.E. WIDTH
2-5670-1992-981-787	I5 20V, 10V (4CYL)	5.670	1.992	.787	.981
2-5670-1992-981-787S	I5 20V, 10V (5CYL)	5.670	1.992	.787	.981
2-6260-1992-981-787	2.0 L ABA (4CYL)	6.260	1.992	.787	.981
2-6260-1992-981-827	2.0 L ABA (4CYL)	6.260	1.992	.827	.981



CLUTCHES & FLYWHEELS SERIES 60

SCAT CHROMOLY 12.5 LBS. NEW FORGED STEEL & IRON FLYWHEELS

- Drilled for SPG offset pattern 8 dowel pins
- 130 tooth (12-Volt) ring gear is hobbled directly from forging and is induction hardened
- Clutch face is precision ground to insure quick, smooth clutch action
- Fits all SCAT Crankshafts and 8 Dowel Pin Type 1-3 Cranks
- Increased engine life plus faster acceleration

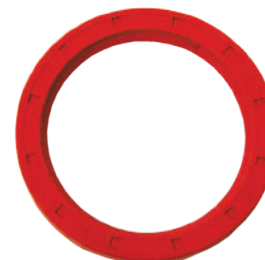
60007	FORGED 12-Volt, 1-piece, 8 Dowel, 200mm Chromoly Flywheel
60007-1	CAST-IRON 12-Volt, 8 Dowel VW Flywheel
60030	Replacement Flywheel O-Ring Seal
10220	Crankshaft End Play Shim Kit
60007002	Replacement Ring Gear Only - 130 Tooth



SILICON REAR MAIN OIL SEAL

High Temperature resistant up to 500 Degrees Fahrenheit
Flexible lip tightly seals against oil leaks

10225	Silicon Flywheel Seal
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4340 "SUPER 28" BILLET GLAND NUTS (36mm and 1-1/2" HEX) & HEAVY DUTY FLAT WASHER

- Both nut & washer are Heat-Treated for extreme strength and longevity
- Large diameter thick washer for maximum surface pressure on flywheel
- Nut can be torqued to 350lbs. without fear of breakage or stretch
- Manufactured with standard 36mm or wide-base 1-1/2" Hex Heads

60025	Chromoly 1-1/2" Hex Gland Nut & Washer
60026	.250" Longer Thread Chromoly Gland Nut & Washer
60036	Heat-Treated H.D.Gland Nut Washer
60069	Special 1-1/2" Hex Socket for 1/2" drive
603628	36MM Hex Head Gland Nut & WASHER
603628-SOC	36MM Hex Socket for 1/2" Drive

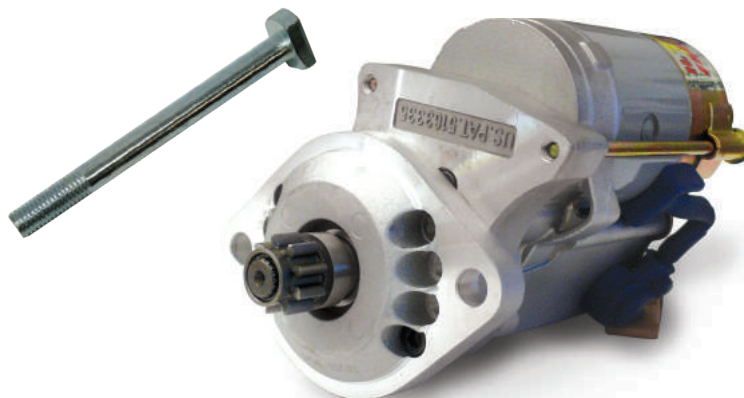


603628

HIGH TORQUE 4.440 GEAR REDUCTION VW & PORSCHE STARTER MOTORS

- 30% More Starting Power Over Stock Units
- Completely Sealed with O-Rings

45078	12-Volt HIGH-TORQUE Performance Starter
45078C	Chrome 12-Volt HIGH-TORQUE Performance Starter
111199101	Top Starter Mounting Bolt 10MM X 110MM
IMI-104	HIGH-TORQUE 12-Volt Starter (SR87X) Bus Transmission



QUICKSILVER 4-PUCK FERAMIC COMPETITION CLUTCH DISCS

- Special Feramic Pads are bonded & riveted to a stainless steel drive plate
- Pads are not affected by oil, grease or heat
- Instant clutch response – withstands punishment of off-road and competition demands
- Heat-Treated and Long Splined Drive Hub adds control
- Copper + Feramic Pads Grab or Slip Rate is Controlled by Pressure Plate LBS.
- Grabs Hard = 2500lbs. Pressure or Slips into engagement = 1700lbs. Pressure
- Race Proven to Decrease Drag Times (Damon Harmon)

60045	180mm clutch size
60046S	200mm QuickSilver Lightweight 4-Puck Stainless Steel Racing Disc



DURABLE VW TYPE 1-4 CLUTCH DISCS

- Heat- and wear-resistant Metal Woven lined face
- For longer trouble free operation under heavy-duty conditions
- 180mm or 200mm sizes with Rigid or Spring type Hubs
- Replaces original equipment perfectly

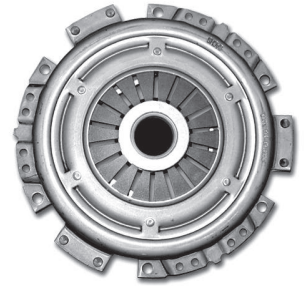
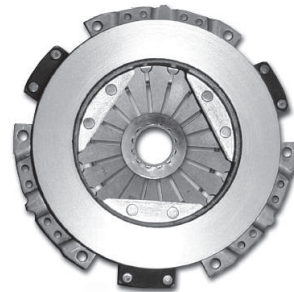
60012	200mm w/Solid Hub
60042	200mm w/Spring Hub
60015	180mm w/Spring Hub
60012-KL	Kush Lock 200mm Super Strong Disc
025141031H	215mm Clutch Disc, Type 2, 1.7L & 1.8L (thru 1975)
029141031B	228mm Clutch Disc, Type 2, 2.0L (from 1976)



SACHS TYPE 1-4 H.P. CLUTCH COVERS

- Designed for "stop & go" street driving
- Works great with 1600-1915 engines
- Multi-Finger diaphragm sets face pressure at approximately 1200 lbs

311141025E	Early Swing axle 200mm pressure plate with collar
311141025C	Late I.R.S. 200mm pressure plate without collar
022141025A	215mm Clutch Cover, Type 2, 1.7L & 1.8L (thru 1975)
029141025B	228mm Clutch Cover, Type 2, 2.0L (from 1976)



KENNEDY RACING 1700LB. , 2100LB. & 2500LB. MULTI-FINGER CLUTCHES

- Balanced with-in 0.4 oz.
- 100% Load Tested and Jig Assembled to Insure Proper Pressure
- Contact Face is High-Tensile Cast-Iron Alloy for Maximum Strength

KEP1700	1700 LB. Multi-Finger Racing Clutch E&L – Stage I
KEP2100	2100 LB. Multi-Finger Racing Clutch E&L – Stage II
KEP2500	2500 LB. Multi-Finger Racing Clutch E&L – Stage III
99625	Clutch Bolts 8mm x 25mm
KEP2100-T4	215mm Type 2 & 4, Stage 2, Kennedy Pressure Plate



GERMAN QUALITY HEAVY-DUTY ROLLER THROW-OUT BEARINGS

- Special ball bearing type – replaces stock carbon-type bearing
- Ensures smoother improved clutch operation with reduced effort
- Longer wearing than stock type bearings

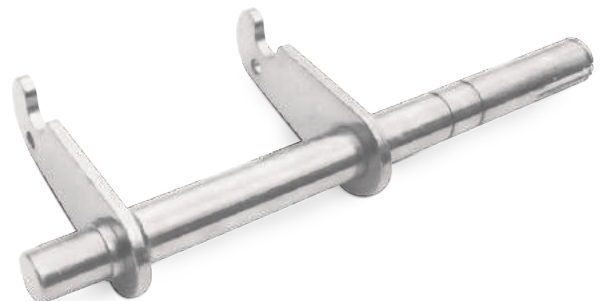
111141165A	Early Bearing thru '70
111141165B	Late Bearing '71 & later
111141177	H/D Release Bearing Clip



HEAVY-DUTY CROSS SHAFT

- New shafts feature heavy steel bearing fingers and shaft
- Welded 360 degrees around bearing fingers
- Stronger than stock
- Swing Axle or IRS, Type 1 & 3

70150	Heavy-Duty Early '70 & Earlier
70243	OEM Late '71 & Later IRS



TYPE 4-914 & PORSCHE 912 SPECIAL SECTION

SCAT TYPE 4 4340 FORGED & BILLET COUNTER-WEIGHTED CRANKSHAFTS

- For use with VW Type 4 or Porsche 914/4 Cases
- Ground to exacting tolerances, magnafluxed, dynamically balanced & micro polished
- Straight-shot oiling system with chamfered oil holes for positive oiling
- NITRIDED for added strength and extended bearing life

PART #	STROKE	51MM CHEVY	TYPE 4 - 2 LITER
10229-FRG	78mm	4-frg	6-frg
10230-FRG	80mm	4-frg	6-frg
10231-FRG	82mm	4-frg	6-frg
10232-FRG	84mm	4-frg	6-frg

ROD JOURNAL SIZE 2.000" (51mm) and 1.968" (50mm)

PART #	STROKE	CHEVY	TYPE 4 - 2 LITER
10227 BILLET	71mm	-4	-6
10229 BILLET	78mm	-4	-6
10230 BILLET	80mm	-4	-6
10231 BILLET	82mm	-4	-6
10232 BILLET	84mm	-4	-6
10233 BILLET	86mm	-4	-6

- When ordering use part number and add suffix for rod journal
- Example: 78mm stroke w/Type 4 2.0 Liter Rod 102296

4340 H-BEAM CONNECTING TYPE 4/914 RODS & BEARINGS

- ARP 2000 12-Point Bolts
- Dowel Pinned Cap and Beam for Perfect Alignment
- Balanced Into Sets of 4 and Clearanced for Stroker application

CHEVY/51MM	WRIST PIN	LENGTH	TYPE 4/50MM	WRIST PIN
102494-3	22mm	5.160" / 131mm	102516-T4-24	24mm
102494-2	22mm	5.325" / 135mm	102536-T4	22mm
102514-3	22mm	5.325" / 135mm	102536-T4-24	24mm
		5.500" / 139mm	102556-T4-24	24mm

TYPE 4 Main Bearings

PART #	DESCRIPTION
021198481A	Type 4 Main Journal, Standard Case, Standard Crank
021198483A	Type 4 Main Journal, Standard Case, .010"/.25mm Crank
021198485A	Type 4 Main Journal, Standard Case, .020"/.50mm Crank
021198487A	Type 4 Main Journal, Standard Case, .030"/.75mm Crank

021198491A	Type 4 Main Journal, .020"/.50mm Oversize Case, Standard Crank
021198493A	Type 4 Main Journal, .020"/.50mm Oversize Case, .010"/.25mm Crank

ROD BEARINGS (2.000" 51MM & 50MM)

51MM	DESCRIPTION	50MM
10101STD	Standard	039105701
1010125	.010"/.25mm	039105707
1010150	.020"/.50mm	039105713
1010175	.030"/.75mm	039105719



021198481A



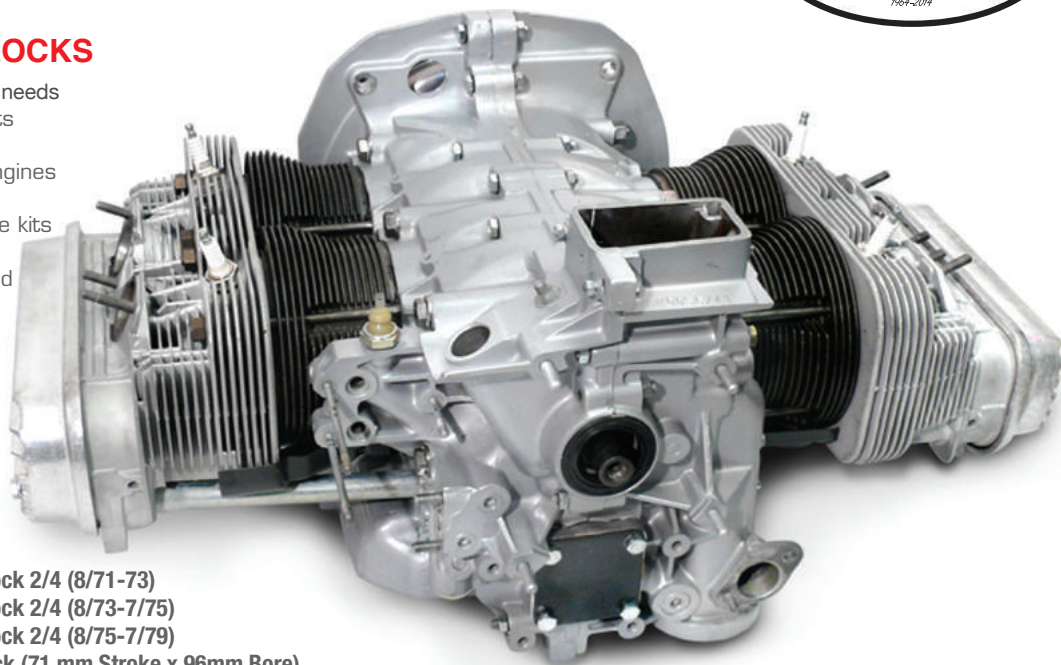
10101STD

TYPE 2/4 & 914 ENGINES (1700cc-2840cc)



TYPE 2/4 & 914 LONG BLOCKS

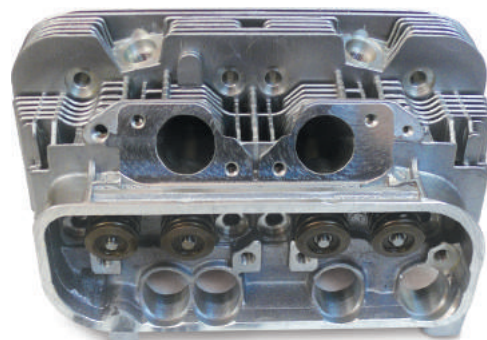
- Balanced, Blue-Printed & Built to your needs
- Quality New & Remanufactured parts inspected & guaranteed to perform
- Complete Turn-Key & Race-Ready Engines Available.
- Individual components and/or engine kits in-stock for your convenience
- Call Today for Pricing & a Customized Build Sheet



PART #	DESCRIPTION
1700LB-T4	1.7 Liter Long-Block 2/4 (8/71-73)
1800LB-T4	1.8 Liter Long-Block 2/4 (8/73-7/75)
2000LB-T4	2.0 Liter Long-Block 2/4 (8/75-7/79)
2056LB-T4	2056cc Long-Block (71 mm Stroke x 96mm Bore)
2600LB-T4	2600cc Long-Block (78mm Stroke x 103mm Bore)
2840LB-T4	2840cc Long-Block (82mm Stroke x 105mm Bore)

TYPE 2/4 & 914 REPLACEMENT ENGINE PARTS

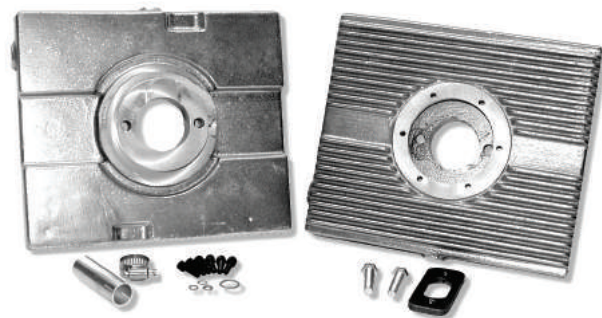
022101361C	New 1.8 Liter Cylinder Head
022101361L	New 2.0 Liter Cylinder Head
029198009	Engine Gasket Kit
029198075	94 x 71 Flat-Top Piston & Cylinder Kit
029105245B	Rear Flywheel Oil Seal
021025-STD	STD O.E.M. Engine Case
021025-103	O.E.M. Engine Case 103mm Bore
021105247A	Front Pulley Seal
15196	914, Type 2 & 4, Forged 96mm x 71mm x x24mm Pin Piston & Cylinder Kit
15196-CAST	914, Type 2 & 4, Cast 96mm x 71mm x x24mm Pin Piston & Cylinder Kit
15196-66	914, Type 2 & 4, Cast 96mm x 66mm x x24mm Pin Piston & Cylinder Kit



SCAT 1-1/2 QUART TYPE 4/914-4 FINNED ALUMINUM OIL SUMP

- Eliminates oil starvation and reduces oil / engine temperatures
- Made in U.S.A. by SCAT 356-T6 from Aircraft Quality Aluminum
- Metal oil pickup tube included with installation hardware

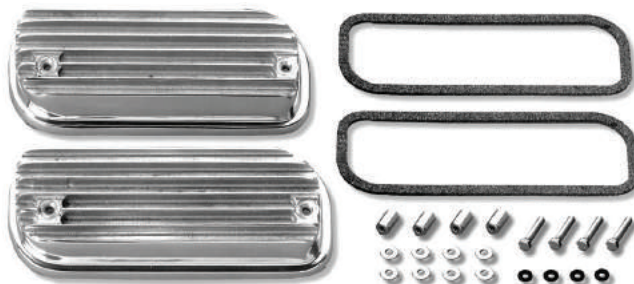
50020 1-1/2 QUART TYPE 4 / 914 FINNED 356-T6 ALUMINUM OIL SUMP



BALL BURNISHED ALUMINUM TYPE IV VALVE COVERS

- Designed to clear all high-lift rockers & camshafts
- Gaskets & mounting hardware included

80243 Polished Aluminum Type 4 Valve Covers





TYPE 4-914 SPECIAL SECTION

SCAT PERFORMANCE TYPE 4 LIFTERS

- Finest quality – made from special hardened iron billets
- Precision radius ground on face to insure long life under increased valve tension, lift and RPM loads

20091 Type IV-914 Lube-A-Lobe Solid Lifters - Set of 8

TYPE 4/914-4 103mm BIG BORE KITS

- J&E Forged Aluminum or Cast Hypereutectic Pistons
- Cast Ductile Iron Cylinders
- 3-Piece Segmented Performance Rings

15177 22mm Piston pin w/1.110" Height

15178 24mm Piston Pin w/1.180" (80mm), 1.281" (75mm), 1.361" (71mm stroke)

- Please Specify Piston Pin Height When Ordering

KITS W/CAST HYPEREUTECTIC PISTONS

15179 103mm x 71mm x 24mm Pin-Machine Fit

154103RS 103mm Type IV Rings Set

SCAT TYPE 4 PERFORMANCE CAMSHAFTS, GEARS & CAM BEARINGS

- All profiles thoroughly developed and tested by SCAT to insure desired flow and horsepower
- Ground from NEW BILLET BLANKS for bolt-on cam gear

PART#	GRIND	LIFT X 1.3	DURATION	DURATION @ .050"
20086	C25	.455"	272	234
20087	C35	.495"	285	246
20088	C45	.507"	298	262
20089	C55	.533"	310	271(C55 = 1" Base Circle)

2008600 UN-GROUND LOBES, CAMSHAFT - BLANK

TYPE 4 GEARS & CAM BEARINGS

021198541 TYPE 4 Cam Bearing Set
20171STD Performance Bolt-On Cam Gear
20151S STRAIGHT-CUT CAM GEARS

NEW



021198541

2008600

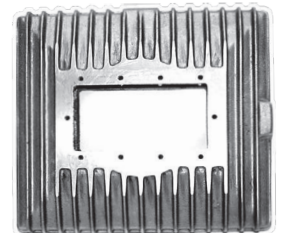


20151S

PORSCHE 356-912 SPECIAL SECTION SCAT PORSCHE 912 4340 NITRIDED CHROMOLY BILLET CRANKSHAFTS, GLAND NUTS & OIL SUMPS

- Superior to all factory & aftermarket crankshafts in material, workmanship and longevity
- Eight (8) extra-long Chrome Vanadium Dowel Pins for stronger flywheel attachment
- Factory counterweight configuration and dynamically balanced or super-lite
- Oil galleries are drilled & tapped with a threaded plug installed for ease of cleaning
- Factory Porsche oil system for superior oiling throughout the RPM range

8-10912L SUPER-LITE 74mm Stroke x Porsche 912 Journal (53mm) BILLET Crankshaft
50024 1-1/2 QUART PORSCHE 912, 356 FINNED OIL SUMP
60912 SCAT 4340 Chromoly Porsche Gland Nut & Washer



ROD BEARINGS

Standard	1031-4202	.010"/.25mm	1031-4252
.020"/.50mm	1031-4262	.030"/.75mm	1031-4272



MAHLE FORGED AND CAST HYPEREUTECTIC PISTON & CYLINDER KITS

- Increased horsepower, torque and engine size
- Cases and heads must be machined to accept larger cylinders
- Graphite Impregnated Pistons & Cylinders with Longer Cooling Fins
- Kits Include Pistons, Wrist Pins, Locks, Performance Ring set and Cylinders

PART# CAST	PART# FORGED	BORE	STROKE	TOP	2ND	OIL
15120-CAST	15120	85.5	69	2.0	2.0	5.0
15121-CAST	15121	87.0	69	2.0	2.0	5.0
15123-CAST	15123	90.5	69	1.5	2.0	4.0
15124-CAST	15124	92.0	69	1.5	2.0	4.0
15145-CAST	15145	90.5	82	1.5	2.0	4.0
15125-CAST	15125	92.0	82	1.5	2.0	4.0
15153-CAST	15153	94.0	69	1.5	2.0	4.0
15154-CAST	15154	94.0	82	1.5	2.0	4.0

15145-CYL-SET	90.5	STD. Length Cylinders - Set of 4
15154-CYL-SET	94	STD. Length Cylinders - Set of 4



WISECO FORGED ALUMINUM STROKER PISTON & CYLINDER KITS TYPE 1 - 3

- 94mm & 101.6mm bore cast-iron cylinders (cut to length)
- Wiseco Slipper-skirted lightweight forged aluminum racing pistons
- Lightweight Wrist Pins, Clips & Rings

15173	Wiseco Forged 4.000" Piston and Cylinder Kit
15194	94mm Cylinder Set - (cut to length)
15195	94mm Cylinder and Lightweight Wiseco Piston Kit
15195VP	94mm Cylinder and Lightweight Wiseco Piston Kit - With Valve Pockets
K001ES	Wiseco Forged 94mm 2x2x4 T1 Piston/Ring/Pin Set - Valve Pockets
K001ESV	Wiseco Forged 94mm Flat-Top Pistons 2x2x4 Ring Set
K633M94	Wiseco 94mm Flat-Top Pistons 1.0x1.2x2.8 Ring Set
3701E	Wiseco 94mm Ring Set 2x2x4

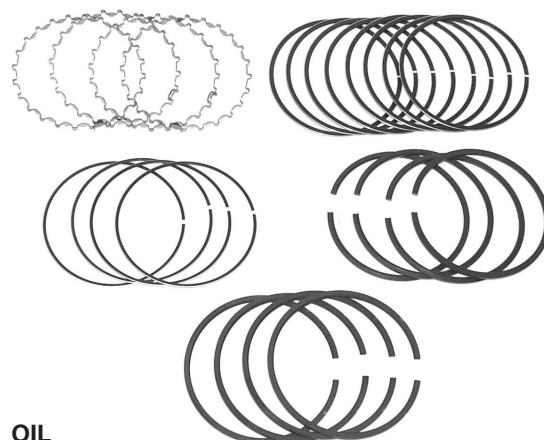


TOTAL SEAL GAPLESS RACING COMPLETE AND 2ND RING SETS

- Horsepower and Torque is increased by Reducing BLOW-BY
- Reduced BLOW-BY Longer Engine Life and Better Gas Mileage
- Sold in Sets of 4 for One Complete Engine
- Adds 10% More Power

TOTAL SEAL 2ND RINGS ONLY	FITS PISTON GROOVED	TOTAL SEAL 2ND RINGS ONLY	FITS PISTON GROOVED
15176 85.5mm	.7087"/2.0mm	15138 92.0mm	.0787"/2.0mm
15171 88.0mm	.0591"/1.5mm	15143 94.0mm	.0787"/2.0mm
15146 90.5mm	.0787"/2.0mm	151016 101.6mm	.0625"/1/16"

* For Complete Ring Set, add RS to Above Part Numbers



GRANT LIGHTWEIGHT PERFORMANCE RING SETS

PART NUM.	RING GROOVE BORE	PART TOP	PART 2ND	OIL	RING NUM.	GROOVE BORE	PART TOP	PART 2ND	OIL
15126	85.5mm	2.0	2.0	5.0	15155	90.5mm	1.5	2.0	4.0
15127	87.0mm	2.0	2.0	5.0	15130	92.0mm	2.0	2.0	4.0
15128	88.0mm	1.5	1.5	5.0	15156	92.0mm	1.5	2.0	4.0
15129	90.5	2.0	2.0	4.75	15157	94.0mm	1.5	2.0	4.0



SCAT HIGH-PERFORMANCE CAMSHAFT, LIFTER AND OIL-PUMP KIT

- 10 % to 15% increase in horsepower and decrease in oil temperature
- Kit includes a set of SCAT Lightweight racing lifters, HI-REV camshaft
- with gear and a High-Volume 26mm oil pump
- Both the camshaft and lifters are made from compatible materials to perform in unison
- Both the camshaft and oil pump are Wedge-Keyed for ultimate pumping strength

20004RL
20005RL

C25 Camshaft, 26mm Pump, Lightweight Lifters
C35 Camshaft, 26mm Pump, Lightweight Lifters

STROKER HARDCORE CHILLED CAST CAMSHAFT BLANK - ONLY

- Grind Lobes to your specifications
- Heat - treated to the core
- Mains are machined to standard size

2000700CF Stroker Hardcore Chilled Cast Camshaft blank

WRIST PIN BUTTONS & CYLINDER SPACERS

TEFLON PISTON PIN BUTTONS

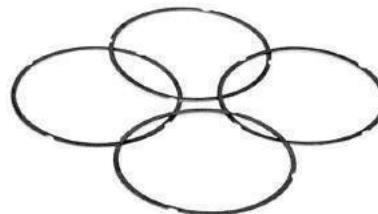
- SCAT Teflon Pin Buttons are lightweight, completely safe & race proven
- Teflon Pin Buttons for 75mm Length Pins – 8-Piece Set

15161	85.5mm
15163	90.5mm
15164	92.0mm
15165	94.0mm
15188	88.0mm



PRECISION TYPE 1-3 CYLINDER SPACERS

- For proper deck height and compression ratios
- Eliminates machining heads, pistons or cylinders
- 4-piece set



CYLINDER APPLICATION	.25mm .010"	.50mm .020"	1.0mm .040"	2.5mm .098"	4.5mm .177"	5.5mm .217"	6.5mm .256"	7.5mm .300"
85.5-88.0mm, Bolt-In Only		15100	15101					
92 & 90.5mm w/92.0 register	15032	15102	15103	15044	15045	15046	15047	15048
94mm	15158	15159	15160	15166	15167	15168	15169	15170

HI-REV™ CAMSHAFT & ACCESSORIES SERIES 20



ALL TYPE 1 SCAT HARD - CORE CAMSHAFTS INCLUDE:

- RACE PROVEN CAMSHAFT Profiles Designed For All Types Of Engine Applications
- All specifications are at the valve using a .050" checking clearance
- Consistent lobe hardness all the way to the core center (Chilled Cast)
- Material is compatible and uniform with 20018 lifters (55-60 RC)
- Tough enough to stand up to high valve spring pressures
- Larger lobe heel for smoother rotation and strength
- All cams are stroke relieved or Clearanced for longer stroke crankshafts



STREET AND OFF-ROAD - ORIGINAL Hardcore GRINDS FOR 1.1:1 & 1.25:1 ROCKERS 108 LOBE CENTERS

PART NO.	GRIND	LIFT AT CAM LOBE	LIFT WITH 1.10:1 ARM	LIFT WITH 1.25:1 ARM	ADVERT. DURATION	DURATION AT .050"	SIMILAR CAM GRINDS
20003	C20	.320"	.352"	.400"	277	234	FK-41
STOCKER PLUS = 1600 - 1776cc LOW- TO MID-RANGE POWER & IDEAL WITH 1.40:1 ROCKER ARM (1000 - 5000)							
20004	C25	.350"	.385"	.438"	272	234	W-100
HILL CLIMBER = 1600 - 1776cc LOW-END TORQUE FOR HEAVY BUSES OR OFF-ROAD BUGGY (1000 - 5000)							
20005	C35	.381"	.419"	.476"	285	246	W-110
BUG MASTER = 1776 - 2027cc HOTTEST ALL-AROUND POWER FOR STREET OR OFF-ROAD (1500 - 5500)							
20006	C45	.390"	.429"	.488"	298	262	FK-8
STREET RACER = 1915 - 2275cc PERFECT FOR STREET / STRIP / OFF-ROAD (4000 - 6500) DUAL SPRINGS ONLY							

R = CAMSHAFT SOLD WITH 20170STD CAM GEAR: 20003R, 20004R, 20005R AND 20006R

COMPETITION - STROKE RELIEVED HARCORE GRINDS FOR 1.25:1 & 1.40:1 ROCKERS 108 LOBE CENTERS

PART NO.	GRIND	LIFT AT CAM LOBE	LIFT WITH 1.25:1 ARM	LIFT WITH 1.40:1 ARM	ADVERT. DURATION	DURATION AT .050"	SIMILAR CAM GRINDS
20121C	C95	.416"	.520"	.582"	294	262	W-125
PRO COMP 1 = 2027 - 2332cc WIDE POWER BAND & EXCELLENT ACCELERATION (3500 - 6500) DUAL SPRINGS							
20007C	C55	.410"	.513"	.574"	310	271	FK-10
PRO COMP 2 = 2027 - 2332cc SUPERIOR POWER BETWEEN MID- TO HIGH-RPM (4500 - 7000) DUAL SPRINGS							
20008C	C65	.413"	.516"	.578"	309	274	W-140
PRO TRACK = 2110 - 2332cc EXCELLENT FOR HEAVY CARS RUNNING HIGH-RPMs (4500 - 7000) DUAL SPRINGS							

ALL COMPETITION CAMSHAFTS ARE STROKE RELIEVED OR CLEARANCED FOR LONGER STROKE CRANKSHAFTS

DRAG RACER - STROKE RELIEVED Hardcore GRINDS FOR 1.40:1 & 1.50:1 ROCKERS 108 LOBE CENTERS

PART NO.	GRIND	LIFT AT CAM LOBE	LIFT WITH 1.40:1 ARM	LIFT WITH 1.50:1 ARM	ADVERT. DURATION	DURATION AT .050"	SIMILAR CAM GRINDS
20169C	C89	.410"	.574"	.615"	318	274	FK-87
SUPER STREET = 2110 - 2500cc DESIGNED FOR HEAVY DRAG CARS AND LARGE TIRES (5000 - 8000)							
20095C	C85	.409"	.573"	.614"	324	287	FK-89
PRO STOCK = 2275 - 2700cc GREAT FOR LIGHT DRAG CARS WITH LARGE TIRES (5500 - 8500)							
20009C	C75	.425"	.595"	.638"	322	294	FK-98
PRO MOD = 2275cc - 2900cc MORE LIFT AND DURATION TO MAKE BIG POWER (5500 - 9000)							

ALL DRAG RACER CAMSHAFTS ARE STROKE RELIEVED OR CLEARANCED FOR LONGER STROKE CRANKSHAFTS WIZ-LOCK GRADE 5 BOLTS AND JOE GIBBS ASSEMBLY GREASE (20-00732) INCLUDED.

HI-REV™ TYPE I VALVETRAIN & CAMSHAFT KITS FOR TROUBLE-FREE INSTALLATION

- Simple to order – just select your camshaft and everything else is included
- Kits include camshaft, camshaft gear, lifters, valve springs, retainers & valve keepers

20050	Cam Kit with C20 Cam – Single Springs
20051	Cam Kit with C25 Cam – Single Springs
20052	Cam Kit with C35 Cam – Single Springs
20053	Cam Kit with C45 Cam – Dual Valve Springs



TYPE I PERFORMANCE CAMSHAFT BEARINGS

- For use with SCAT KILLER™ or VW Type 1-3 40HP-1600 cases
- A must for any performance application where reliability & longevity are essential

111198541 Set – Single Thrust Cam Bearing
111198541H Set – Double Thrust Cam Bearing

HI-REV™ SILICON VALVE SPRING, RETAINER & KEEPER KITS

- Springs will not fatigue and will allow valve float with high RPM usage
- For use with VW Type 1-4 Cylinder Heads
- Complete pack includes Chrome Silicon Valve Springs, Performance Valve Spring Retainers & Valve Keepers

20138 Single Springs with 4140 Retainers
20179 Dual Springs with 4140 Chromoly Steel Retainers – guide bosses need to be machined

HI-REV™ RACING TYPE I - IV CHROME SILICON VALVE SPRINGS

- Coil Bind at .900" 230 lbs. Single & 340 lbs. Dual Spring
- Over all Spring Length (outer 2.400") (inner 2.025")
- Heat Treated to Insure a Long Life Without Losing Seat Pressure

20011 Single Springs 1.550" installed height 125 LBS. seat pressure
20085 Dual Springs 1.550" installed height 165 LBS. seat pressure – machine valve guide boss
20112 Chevy Size Racing Dual Valve Springs – Split-Port

HI-REV™ TYPE I – IV VALVE SPRING RETAINERS - 4140

- 4140 Chromoly Steel, Heat-Treated for Strength & Reliability
- CNC Machined - Deep bore for extra lift

20137 HI-REV 4140 Chromoly Retainers set of 8
20111 High-Pressure Racing Retainers (use w/20112)

PRO-COMP HEAT-TREATED ALUMINUM BOLT-ON CAMSHAFT GEARS

- For use with Type 1-3 '71 & Earlier camshafts & all SCAT Performance Camshafts with camshaft gear flange drilled & tapped 5/16-24

20170STD Bolt-on High-Performance Aluminum Camshaft Gear

CAMDEX ALUMINUM ADJUSTABLE CAMSHAFT GEAR

- Standard Timing
- Advanced 2 Camshaft Degrees (4 Crankshaft Degrees) to give increased torque at low RPM's.
- Retarded 2 Camshaft Degrees (4 Crankshaft Degrees) to give increased torque at high RPM's.

20170 - ADJUST Adjustable Type Bolt-On Aluminum Cam Gear

PRO-DRAG 4340 CHROMOLY STRAIGHT-CUT STEEL CRANK & CAM GEAR SET (ADJUSTABLE)

- Cam Gear gives precision cam timing at 1-degree increments advance or retard

20150W Billet Steel Washer in Slot Gear Set

HI-REV VALVE SPRING SHIMS

- Set and maintain proper valve spring tension and installed heights
- High quality – highly accurate
- 8-Piece Set

*FOR USE W/SINGLE SPRINGS

*FOR USE W/DUAL SPRINGS

20115	.015"	20117	.015"
20014	.030"	20116	.030"
20044	.060"		



SUPER-DUTY 72 TYPE 1 RACING LIFTERS

- 1-piece design only weighs 72 grams with a 29mm Wide Head (hollow body)
- Increase horse-power and eliminate valve-train float at high R.P.M.'s
- Strongest hollow Type 1 lifter available with 60-degree radius face

20037-WIN

Racing Lifters

LUBE-A-LOBE LIGHTWEIGHT SOLID RACING LIFTERS

- .024" oil hole through lifter body and wide head
- Reduces lifter and camshaft lobe wear and friction
- Increases horsepower and constant lobe lubrication
- NASCAR and NHRA technology comes to the VW racer

20018L

Lube-A-Lobe Lightweight Solid Racing Lifters - Set of 8

HI-REV™ LIGHTWEIGHT TYPE I SOLID RACING LIFTERS THE RACERS PREFERRED CHOICE

- 10% more head surface area to reduce friction and wear
- The lifter heads are clearanced for high-lift camshafts
- Manufactured from chilled quenched hardened billets
- Wider oil reservoir grooves for better lubrication at higher RPMs
- 6 grams lighter than O.E.M. German Lifters
- Proper 60-degree Radius Head

20018

HI-REV LIGHTWEIGHT RACING LIFTERS – 8-Piece Set

20018-200

HI-REV WEIGHTWEIGHT TYPE I LIFTERS – 200 Pieces Bulk

MANTON HI-REV™ 4140 CHROMOLY CUT TO LENGTH 3/8" "SEAMLESS PUSHRODS"

- Heat treated steel ball tips will not wear out while under extreme conditions
- 11.500" (292.1mm) long – must be cut to length – see SCAT #98094 Pushrod Measuring Tool

20172

4140 Chromoly 3/8" x .058" Wall

20173

4140 Chromoly 3/8" x .035" Wall

PRO STREET HEAT-TREATED CUT TO LENGTH & FIXED 5/16" STEEL PUSHRODS

- Assembled for 1300-1600cc or Cut To Length 11.500" length for use with longer stroke engines
- Economically Priced + Light-Weight + Durable

20020

5/16" Fixed Steel Pushrods (11.050" OAL)

20068

PRO STREET Cut To Length 5/16" Steel Pushrods – 11.500"





ADJUSTABLE PUSHROD TUBE & OIL SEAL SERIES 2

BIG MOUTH O-RING SEALED PUSHROD TUBES

- Eliminates pushrod rubbing against tube walls
- Spring loaded for sealing tension + easy installation
- 6061-T6 sleeves are sealed together with Viton O-rings
- 20% Bigger in diameter than stock

20176 BIG MOUTH O-RING SEALED PUSHROD TUBES (SET OF 8)
20177 BIG MOUTH O-RING SEALED PUSHROD TUBES (EACH)
20176R01 REPLACEMENT O-RINGS (EACH)

ORIGINAL SPRING LOADED O-RING SEALED ALUMINUM PUSHROD TUBES

- Internal spring – Gold Anodized finish make them smooth & attractive
- Double O-Ring and Tube End seals for leak-proof installations
- May be removed in minutes for quick pushrod replacement without having to remove cylinder head

20175 Adjustable Pushrod Tubes – Set of 8 for one complete engine
20174 Adjustable Pushrod Tubes – Single Replacement
20174006-1 Replacement O-Rings (EACH)

BLUE HIGH-TEMP NYLON 66 ADJUSTABLE PUSHROD TUBES THE ORIGINAL – NOT A CHEAP IMITATION.

- Designed & developed by SCAT AND MADE IN THE U.S.A.
- For quick pushrod changes without removing engine or cylinder heads
- High-heat and impact resistant – NYLON 66
 WILL NOT MELT LIKE THOSE BLACK PLASTIC COPIES

20191 BLUE HIGH TEMP NYLON 66 – Set of 8 for one complete engine
20192 BLUE HIGH TEMP NYLON 66 – SINGLE

HIGH TEMP PUSHROD TUBE END SEALS

- Longer lasting and Durable Seals for Type 1-3

043109345A HIGH TEMP Pushrod Tube End Seals – 100 Pieces

STOCK REPLACEMENT & STAINLESS WINDAGE PUSHROD TUBES

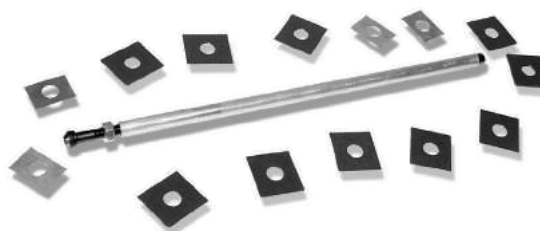
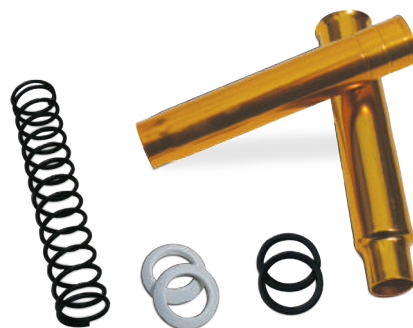
- OEM quality Type 1-3 & T-2/4
- Use with stock or performance engines
- Recommend replacement whenever engine is being overhauled

20166SW Stainless Steel Windage Tube - each
311109335 1300 – 1600cc - each
021109335C T-2/4 (17-2000cc) Pushrod tube - each
311109335C 1300 – 1600 Black Chrome Plated - each

SCAT ROCKER ARM GEOMETRY KIT/PUSHROD MEASURING TOOL

- Tool designed to get exact measurements for custom pushrod applications
- Full-size pads fit beneath and support rocker arm blocks and are used to obtain correct rocker arm geometry
- Measuring tool plus selection of three (3) thicknesses of rocker pads .015"/38mm, .030"/76mm, .060"/1.52mm

20204 KIT
98094 TOOL ONLY



SWIRL-POLISHED ONE-PIECE STAINLESS STEEL OVERSIZE TYPE I – 4 RACING VALVES

- One-piece 214N Stainless Rated At 1600 Degrees – Ultra Light
- Thin Swirl-Polished Head Design Ranging from 33mm to 50mm
- 8mm Chrome Stem with Hardened Tip
- Type 4 Valves Are .200"/5mm Longer Than Type 1 Valves

25005	40mm Intake	25025	44mm Intake
25016	35.5mm Exhaust	25026	37mm Exhaust
25024	32mm Exhaust	25046	42mm Intake
25108	38mm Exhaust - T4	25107	48mm Intake - T4
25067	40mm Exhaust - T4	25120	50mm Intake - T4



HI-REV™ 4140 CHROMOLY VALVE SEATS – 4-PIECE SET

- Designed for proper airflow – engineered to provide maximum resistance to high-impact and extreme temperature variations (Width-.350"/9mm)

PART#	HEAD SIZE	FUNCTION	OUTER DIMENSION	INNER DIMENSION
25006	40.0mm	Intake	1.637"/41.50mm	1.430"/36.25mm
25017	35.5mm	Exhaust	1.483"/37.75mm	1.265"/32.25mm
25021	33.0mm	Exhaust	1.364"/34.75mm	1.125"/28.50mm
25033	44.0mm	Intake	1.771"/45.00mm	1.535"/39.00mm
25034	37.0mm	Exhaust	1.525"/38.74mm	1.315"/33.40mm
25042	42.0mm	Intake	1.695"/43mm	1.437"/36.5mm
25109	48/50mm	Intake	2.012"/51.10mm	1.720"/43.69mm



HI-REV™ MANGANESE BRONZE TYPE I - 4 RACING VALVE GUIDES – 4-PIECE SET

- Manganese Bronze is Self Lubricating with Hard Wear Pads for Extended Life
- Short guide boss for added clearance to eliminate retainer to guide interference on high-lift camshafts
- Protect against premature valve guide failures and costly repairs caused by high operating temperatures, lean fuel mixtures, fuel contaminants, retarded ignition settings and lack of valve guide lubrication due to use of low and no lead gasoline

25014	MANGANESE Racing Intake Guide - TYPE 1
25015	MANGANESE Racing Exhaust Guide - TYPE 1

8MM I.D.

9MM I.D.

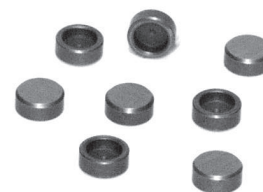
25040	Intake 13mm O.D. 1.7-2.0	25041	Exh 13mm O.D. 1.7-1.8
25051	Exhaust 15mm O.D. 2.0	25050	Exh 15mm O.D. 2.0



HARDENED VALVE STEM LASH CAPS – 8-PIECE SET

- For use with all 8mm O.D. stem VW valves, standard or oversized heads
- Prevents premature wear to end of valve stem and eliminates mushrooming of ends
- Heat treated and simple slip-on installation

25047 Hardened Valve Lash Caps



HI-REV™ TYPE 1-4 VALVE KEEPERS – 16-PIECE SET

- Stainless Steel 8mm Stem Valves
- High alloy steel heat treated to prevent breakage under high RPM and stress loads

20092 Hi-Rev Valve Keepers



COPPER CYLINDER HEAD GASKETS

- Eliminates combustion chamber leaks – seals tight
- Increases Valve and Piston clearance without machining heads

25924	92mm x .040"
25944	94mm x .040"
25926	92mm x .060"
25946	94mm x .060"



PRO-COMP 765 SCAT FORGED 4340 CHROMOLY ROCKER ARM ASSEMBLIES

- EXCLUSIVE OILING OF BUSHINGS
- BILLET 4340 Stronger diameter shaft (.765) with bolt-on aluminum end caps
- Forged Rocker Arms with Steel backed bronze bushings and flame-hardened tips
- Race Proven to be 50% stronger than (.687" I.D.) needle bearing type rocker assemblies
- INCREASE VALVE LIFT WITHOUT CHANGING CAMSHAFT
- Chromoly mounting studs, 3/8"-24 adjusting screws and lash caps

20196 Racing Forged 1.25 Ratio – increases Valve Lift 20%

20195 Racing Forged 1.40 Ratio – increases Valve Lift 30%

COMPONENTS

2019602S 1.25 Chromoly Ratio Rocker Arm - 3/8"

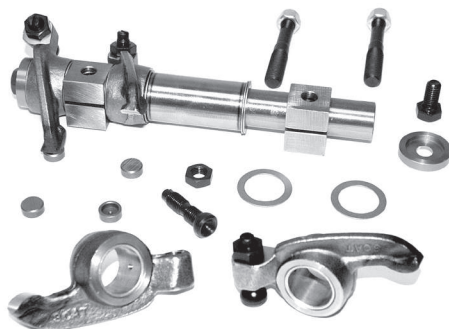
2019504S 1.40 Chromoly Ratio Rocker Arm - 3/8"

20197 Chromoly Mounting Stud

20198 Cup Adjusting Screws-5/16"-24

20200 Arm Side Play Adjusting Shims, 8 Pieces

203898 3/8"-24 Cup Adjusters



PRO-STREET 707 VW FORGED ROCKER ARM ASSEMBLIES

- Kits includes: Forged Rocker Arms, Billet Rocker Shaft Kit, Mounting Blocks, Swivel Adjusting Screws Geometry Pads and Shims

20130 1.10 Ratio O.E.M. Rocker Arm Assembly

20188S 1.25 Ratio 4140 Chromoly Rocker Arm Assembly
(12% more horsepower, torque and camshaft lift)



707 CHROMOLY BOLT-ON ROCKER SHAFT KIT

- Wide oil grooves for extra oiling
- Billet 4140 shafts are center-less ground to exacting tolerances - .707" O.D.
- 6061-T6 Center Spacer and End Caps along with Shims & Hardware

20129 Rocker Shaft Kit

20201 .015" Rocker Arm Shims Set of 8

20202 .030" Rocker Arm Shims, Set of 8

20203 .060" Rocker Arm Shims, Set of 8

PRO-STREET FORGED 1.25 & 1.10 RATIO 707 ROCKER ARMS

- 1.25 Ratio Chromoly Rockers with 3/8"-24 Adjusters
- Performance Rockers at a Economical Price

20131 1.10:1 Genuine VW Rocker Arms, Set of 8

20188SA 1.25 Forged Rocker Arms w/ 3/8" Adjusters - set of 8



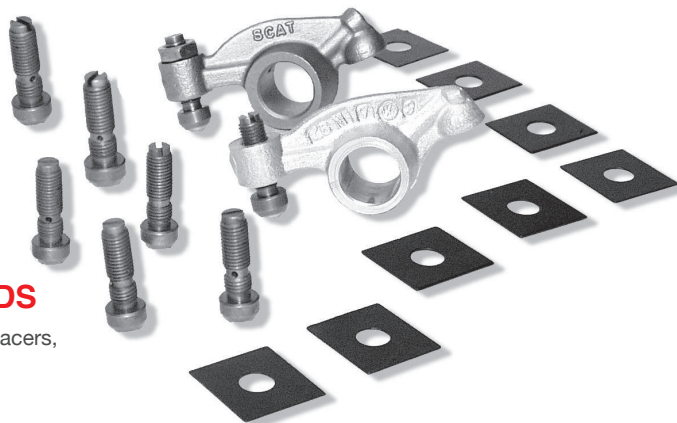
SLICK FOOT SWIVEL BALL ADJUSTING SCREWS W/ PADS

- Swivel foot eliminates valve stem end wear due to high-lift cam and heavy spring pressures
- Super strong – heat treated for strength and reliability
- Internal Oil Passage lubricates ball & valve stem

20118 Swivel Ball Adjusting Screws, Set - 8mm-1.0

20118-200 Swivel Ball Adjusting Screws, 200 Pieces – Bulk

20338 Swivel Ball Adjusting Screws, 3/8"-24 Set



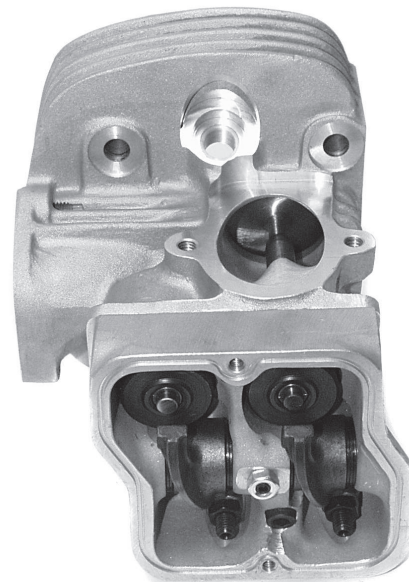
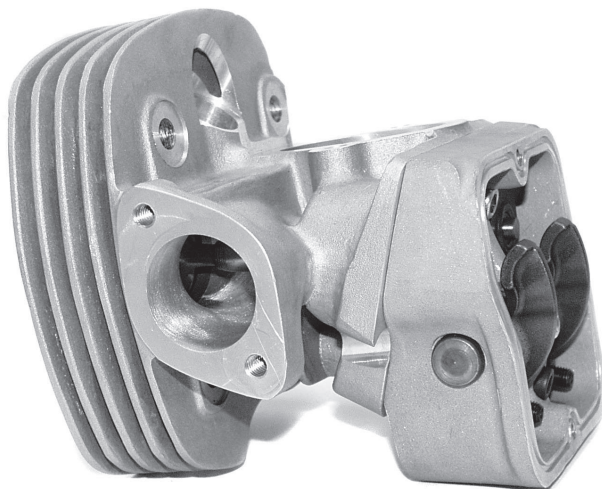
SCAT ROCKER ARM GEOMETRY TYPE I-III PADS

- For use in obtaining correct rocker arm geometry when using cylinder spacers, different length pushrods and swivel adjusting screws – 4-piece set
- Full-size pads fit beneath and support rocker arm blocks

20127 .030"

SCAT PATENTED 356-T7 SPLIT-PORT CYLINDER HEAD ASSEMBLIES

U.S. PATENT 4,542,720



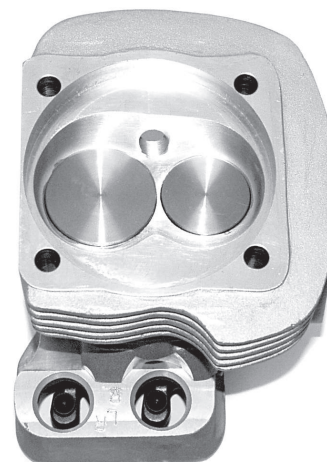
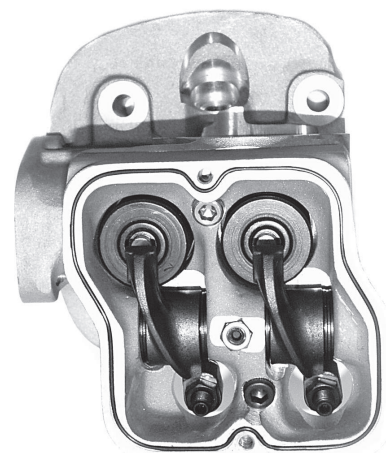
FEATURES INCLUDE:

- Used with SCAT KILLER™ CASE or ALL VW TYPE 1-4 ENGINE CASES
- Heads can be used with injectors or popular Weber & Dellorto Carburetors & Turbo Chargers (a must for Turbo Engines, no more torched heads)
- Heads are available as basic kits or as complete custom assemblies, ported and polished
- The universal casting made from aircraft-quality 356-T7 aluminum can be machined to each customers specifications for either the TYPE I or TYPE 4 engine.
- BORE SIZES RANGE FROM 90.5mm to 105mm Type IV
- THE PATENTED “SWIRL & ROLL OVER” DESIGN
- Breakthrough in VW Head Technology

1. The valves of the Split-Port head open more towards the center of the cylinder “ROLL OVER” which increases intake and exhaust mixture flow by more than 20% over the best O.E.M. style performance heads. Basically, with the reduced valve angle, O.E.M. head at 9 degrees compared to the SPLIT-PORT HEAD at 6 degrees, the valves becomes unshrouded.

2. The “SWIRL” combustion chamber blends and compresses the fuel better while speeding up the flame travel along with increasing horsepower

- Improved cooling, fins all the way around the head (360° COOLING)
- Even torque and better sealing between cylinder liner and head because EQUAL LENGTH CYLINDER STUDS are used and each head is independent
- Cylinder head TEMPERATURE is not effected since each head is INDEPENDENT
- Stronger rocker arm shafts. Each independent shaft is supported by 3 x 8mm bolts compared to the less durable O.E.M. stud thru clamping block design
- INTAKE AND EXHAUST VALVE SIZES RANGE FROM 32.0mm to 50.0mm





SPLIT-PORT™ CYLINDER HEADS & ACCESSORIES

BASIC SPLIT PORT HEADS INCLUDE:

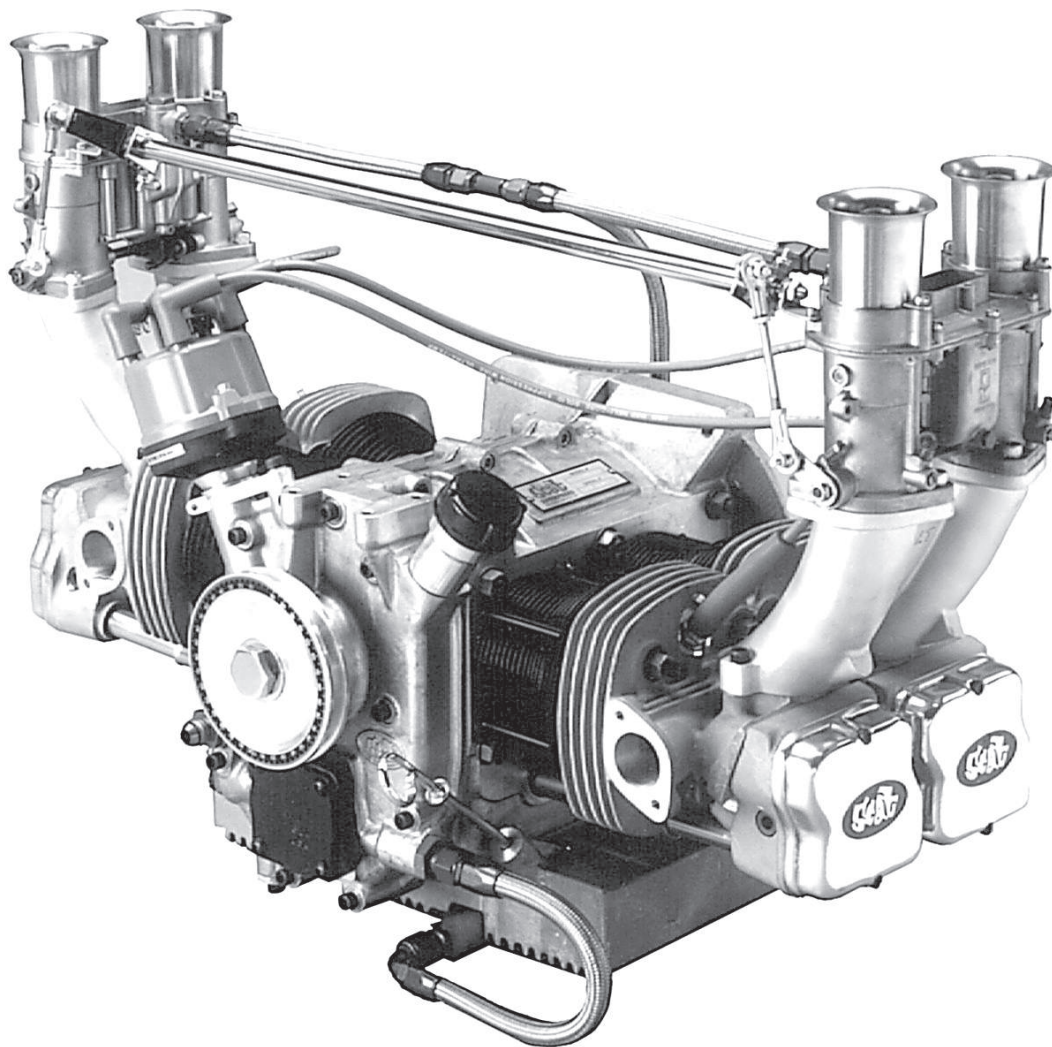
- 4 Cylinder Heads with seats and guides installed
- 4 Rocker Boxes with rocker shafts .765" O.D.
adjusting shims, shaft retaining 8mm bolts
- 4 cast aluminum Rocker Box Covers
- A complete installation hardware kit
- Type 1 – 92.0/94.0mm; 96.5mm & 101.6mm
- Type 4 – 94mm, 103mm and 105mm

TYPE I BASIC KITS

PART#	BORE	INTAKE	EXHAUST
25100	92.0mm	44mm	37mm
25102	94.0mm	48mm	38mm
25101	96.5mm	48mm	38mm
25118	101.6mm	50mm	40mm

TYPE 4 BASIC KITS

25105	94.0mm	48mm	40mm
25119	103.0/105mm	50mm	40mm



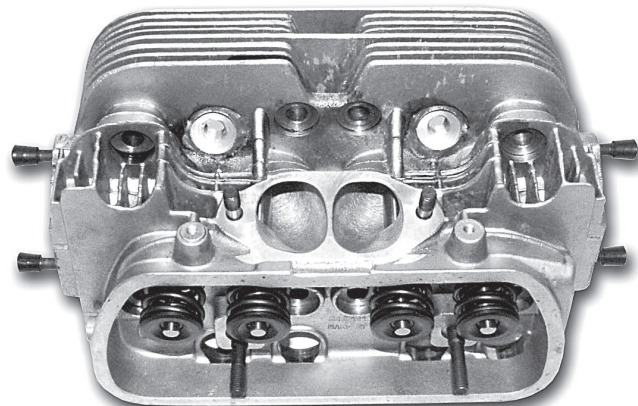
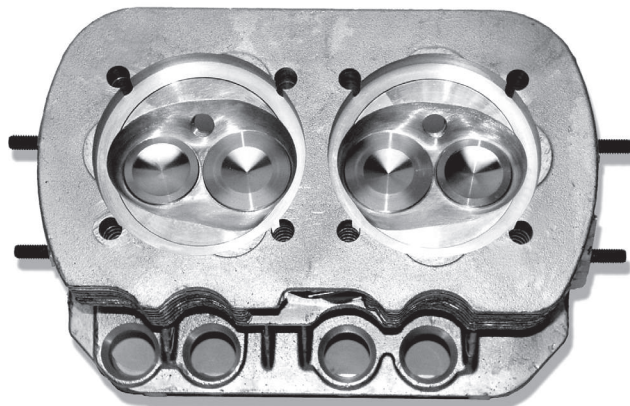
SCAT SPLIT-PORT HEAD ROCKER ARMS, 4140 STUD KITS, MAX-FLO MANIFOLDS

2019504S	1.40 Forged Rocker Arm w/.765" I.D.
22012	Complete Cylinder O-Ring kit, 12 pieces
22010	SCAT KILLER™ Case 10mm Stud Kit
22013	Type 1 VW Engine Case 10mm Stud Kit
22014	Type 4/914 Engine Case

30230	Type 1 48IDA Weber (manifold includes bosses for fuel injector nozzles)
30231	Type 4 48IDA Weber
30232	Type 1 40-48IDF Weber; 36-45 DRLA Dellorto
30233	Type 4 40-48IDF Weber; 36-45 DRLA Dellorto

SCAT PRO-PORT TYPE 1 CYLINDER HEADS ARE ASSEMBLED WITH 35 YEARS OF EXPERIENCE AND HI-REV™ COMPONENTS:

- 1-piece 214N stainless steel valves with manganese racing valve guides for increased durability
- Competition 3-angle valve job for superior seal and velocity
- Combustion chambers are unshrouded around the valves for maximum flow and flame travel
- Long reach 12mm x 3/4" spark plug bosses for strength
- Manifolds (sold separately) are match-ported and polished to each head for maximum flow

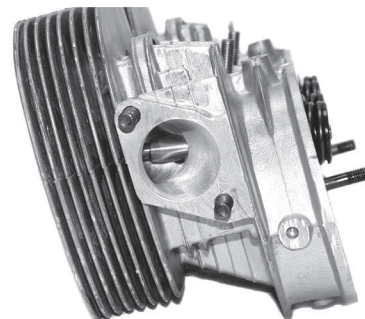


“WEDGE-PORT” 44mm IN. X 37.5mm EX. (214N)

“SUPER-D” 42mm IN. X 37mm EX. (214N)

- LARGE PORT DESIGN FOR DRAG RACING AT HIGH RPM (4,000 - 8,000 RPM) AND LIFT
- SWIRL-POLISHED WITH VENTURI INTAKE AND EXHAUST RUNNERS
- SPECIAL SHAPED COMBUSTION CHAMBER FOR BIG POWER POTENTIAL

25060	‘WEDGE-PORT’ 92/90.5mm dual spring Polished Heads – Each
25060-94	‘WEDGE-PORT’ 94mm dual spring Polished Heads – Each
25060-94HL	HI-LIFT WEDGE with Chevy Springs and .200” longer valves
25070	SUPER-D 90.5/92mm dual spring cylinder head - Each
25070-94	SUPER-D 94mm dual spring cylinder head - Each
30158	‘D-Port’ 2x40/44/48IDF Weber/Dellorto DRLA Manifold – Pair
30161	‘D-Port’ Intake Gasket – 10 Pack

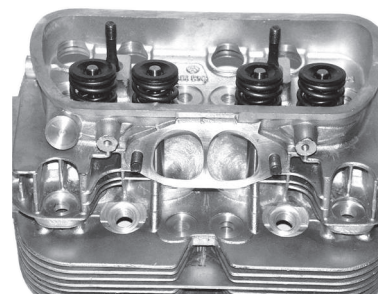


“MINI-D-PORT” 40mm IN. X 37.5mm EX. (214N)

WITH DUAL VALVE SPRINGS & 4140 CHROMOLY RETAINERS

- Smart port design for total performance (2,000 - 6,000 RPM)
- Swirl-polished with venturi intake and exhaust runners
- Efficient combustion chamber (1915cc - 2275cc)

25072	92/90.5mm BORE ‘MINI D-PORT’ HI-REV Polished HEADS – Each
25072-94	94mm BORE ‘MINI D-PORT’ HI-REV Polished HEADS – Each



“STOCK-PORT” 37mm IN. X 32mm EX. (214N)

25132-SS	85.50mm BORE STOCK-PORT 37 X 32
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“STREET-PORT” – 40mm IN. X 35.5 EX. (214N)

WITH SINGLE VALVE SPRINGS X 4140 RETAINERS

25035	85.5MM BORE ‘STREET-PORT’ HI-REV HEADS – Each
25035-92	92mm BORE ‘STREET-PORT’ HI-REV HEADS – Each
25035-94	94mm BORE ‘STREET-PORT’ HI-REV HEADS – Each

25132-SS





HI-LIFT™ VALVE COVERS SERIES 80

SCAT CHROME ENGINE DRESS-UP KITS

- FINEST CHROME AND FIT – COPIED, BUT NEVER EQUALED
- Popular engine dress-up accessories in convenient kit form
- Kits include chrome steel valve covers, oil filler with cap, distributor hold down clamp, alternator/generator strap and standard length dipstick

80094 Kit, Oil Filler w/Down Tube

80095 Kit, Oil Filler w/o Down Tube

SCAT ORIGINAL LOGO STAINLESS STEEL VW VALVE COVERS (5 - TAB)

- Extra-wide gasket flange insures positive leak-proof installations
- Designed to clear all high-lift rockers
- Rust resistant Stainless – Highly polished for lasting beauty
- Spring steel bale, SCAT designed, to insure proper tension on gasket and wide lip to ensure leak-free installation



80240T SCAT Stainless Steel Valve Covers with 5 Tab Gasket Securing, Pair

80221 Replacement Chrome Bale, Each

80177 Neoprene – Cork Valve Cover Gaskets, 10 Pack



SCAT HI-LIFT CHROME STEEL VALVE COVERS

- Precision steel stampings – plain top – no logo
- Extra-wide gasket flange insures positive leak-proof installations
- Triple chrome plated for lasting beauty
- Complete with chrome bale and gaskets for simple clip-on installation

80220 SCAT Chrome Steel Valve Covers, Pair

80221 Replacement Chrome Bale, Each

80177 Neoprene – Cork Valve Cover Gaskets, 10 Pack

SCAT WRAP-AROUND FIN ALUMINUM BOLT-ON VW VALVE COVER

DESIGNED BY SCAT AND STANDARD EQUIPMENT FOR THE LAST 30 YEARS!

- Precision die-casting for perfect fit with a high-luster finish
- Designed to clear all high-lift rockers
- Fins from end to end for high heat dissipation & strength – will not warp and distort like some offshore imports
- Valve cover bolts to cylinder head rocker studs with use of special threaded adapters –
- Stat-O-Seal, Orings are used with hold down bolts to seal against any oil leaks
- Ideal for all competition & rugged off-road applications ñ bolt heads may be drilled for installation of safety wire or clip

80043 Bolt-on Aluminum Valve Covers, Pair

80174 Replacement Bolt-On Valve Cover Hardware Pack

80177 Neoprene – Cork Valve Cover Gaskets, 10 Pack

80179 Replacement Bolt-On Valve Cover O-Ring Seals, Set of 4 Pieces



GASKET SECURING TABS

SCAT ALUMINUM CLIP-ON VW VALVE COVERS

- Die-casting to insure accurate fit – polished to a high-luster finish
- Designed to clear all high-lift rockers
- Finned for high heat dissipation
- Chrome bales included for simple clip-on installation
- Neoprene – Cork valve cover gaskets included

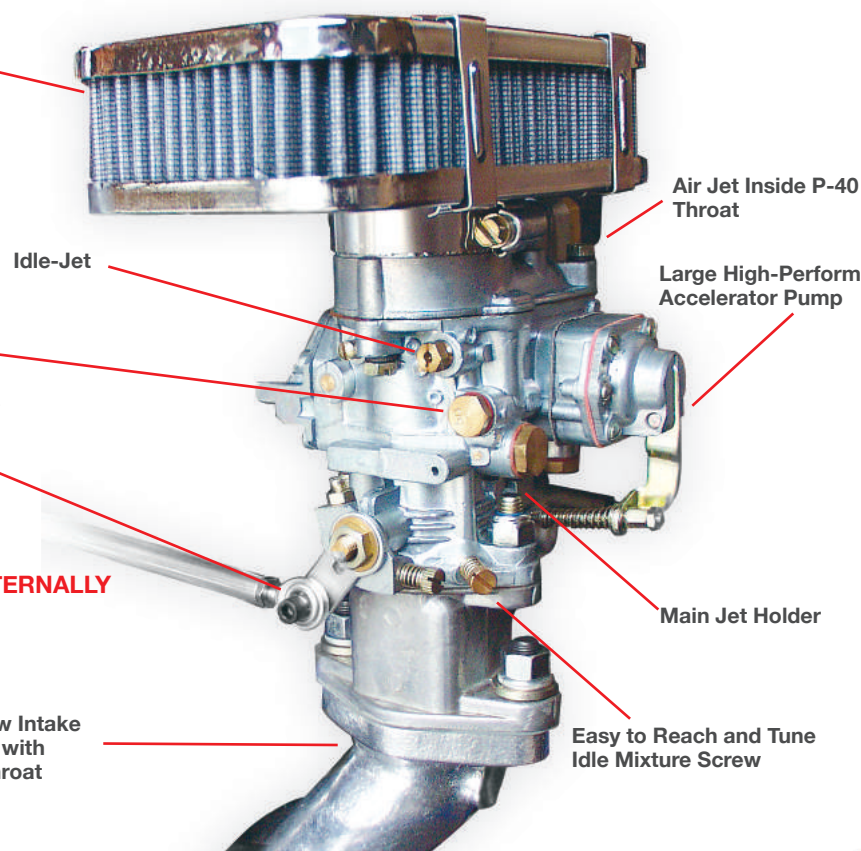
80178 Clip-On Aluminum Valve Covers, Pair

80177 Neoprene – Cork Valve Cover Gaskets, 10 Pack



SOLEX CARBURETORS FROM SCAT

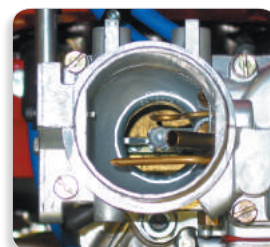
Cleanable, Reusable
Air Cleaner Included



NOTE: ALL JETS (AIR, IDLE & MAIN) ARE LOCATED EXTERNALLY FOR EASY TUNING



Optional
12-Volt Electric Choke



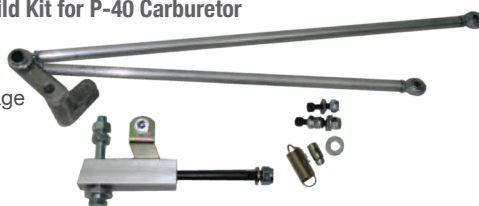
47mm Air Inlet Throat
for Maximum Velocity
35 PDSIT

SUPER DUAL CARBURETOR KIT (28MM Venturi)

- Solex P-40 1-Barrel Carbs with Easy Jet change design
- Billet Push Pull Linkage, Chrome Air Cleaners
- Aluminum Manifolds, All Hardware...

30440 Super Dual Carburetor Ki
30440-RB Rebuild Kit for P-40 Carburetor

30040
SCAT Dual Carb Linkage
Kit



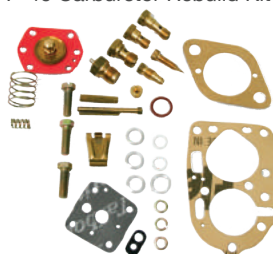
ECONOMY SOLEX 35MM CARB KIT WITH ELECTRIC CHOKE

30435EC Economy Solex 35mm Carb Kit With Electric Choke
30435RB Rebuild Kit for 35 PDSIT Carburetor



SOLEX CARBURETOR PARTS

30440-RB
P-40 Carburetor Rebuild Kit



30247
Aluminum Manifolds - EACH



30150
Aluminum Manifold Kit



IDLE JETS: 11076/5
11076/65
11076/70
11076/75
11076/80

MAIN JETS: 11075/130
11075/140
11075/160
11075/170
11075/180
11075/190



30353001
SOLEX 30 mm Venturi - EA.
For 35 PDSIT

EXTRA POWER & FUEL MILEAGE

WEBER PROGRESSIVE CARB KITS FOR VW TYPE 1 ENGINES

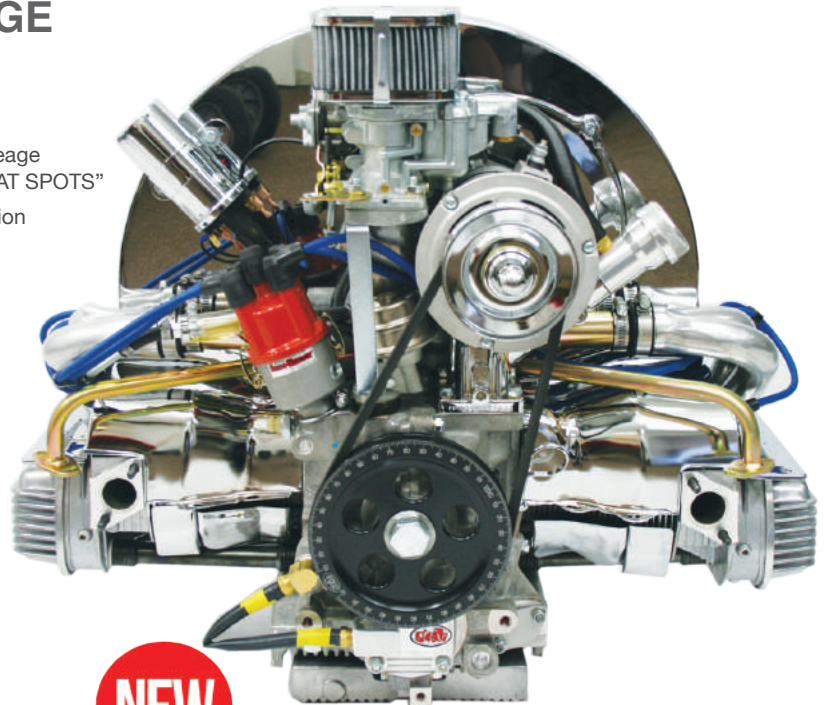
- 10% – 15% increase in performance, without sacrificing fuel mileage
- Includes the SCAT HIGH-FLOW "T" MANIFOLD to eliminate "FLAT SPOTS"
- This kit is complete with all the parts necessary for easy installation

PROGRESSIVE CARB. & MANIFOLD KITS

- 30098** NEW WEBER Progressive 32/36 DFEV Kit
30098-ECONO New Economy Progressive TYPE 1 Carb Kit
3516601 New Weber DFEV Carb. Only
3515201 Weber Carb Arm to VW Throttle w/Hardware

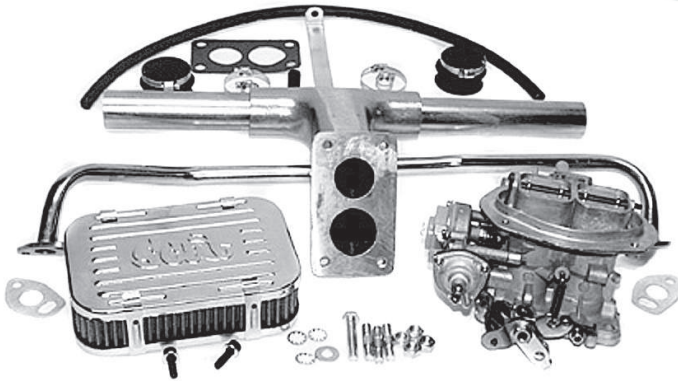
MANIFOLDS & AIR CLEANER

- 40210** Chrome Air-Cleaner Assembly
30099 FLOW Manifold & hardware
30091 Pair, Dual-Port End Castings



NEW

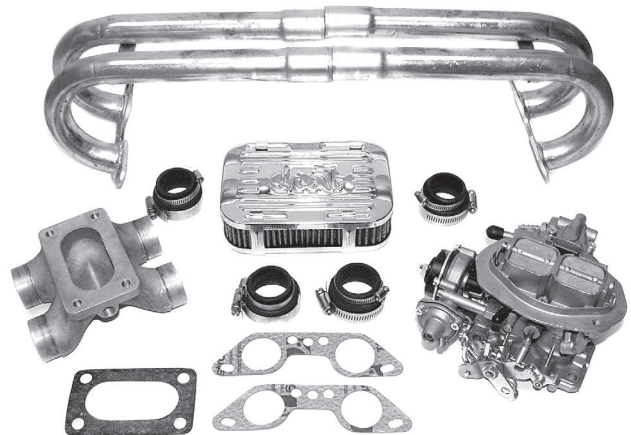
30098-ECONO Shown on engine above



WEBER PROGRESSIVE CARB KIT VW TYPE II, IV & PORSCHE 914/4

- Features an aircraft-quality 356-T6 Aluminum Semi-Isolated Plenum manifold for improved throttle response – helps eliminate 'fuel puddling'
- New Weber 32mm/36mm Progressive 2-barrel carburetor combines performance, economy & reliability at an affordable price (Includes Electric Choke, Air-Cleaner Assembly, w/Hardware)
- Kit includes 4 equal-length zinc-plated steel intake runners for best possible air/fuel distribution
- Unique 3- & 4-bolt intake flange is jig welded to each runner for an exact fit
- Pre-jetted for driveable installation Note: Some adjustment may be necessary due to driving climate and engine size.

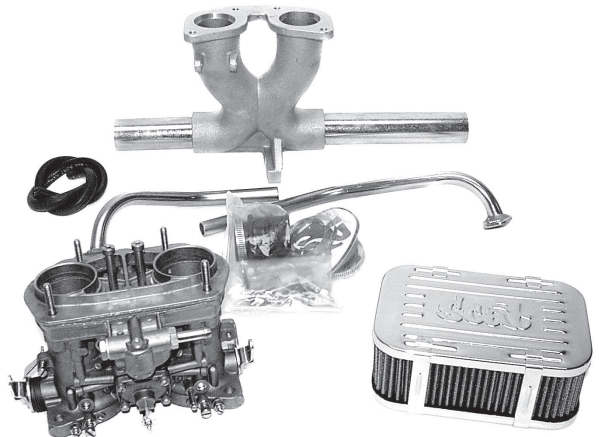
- 30164** New Weber Progressive Type IV Engine Kit
30165 Manifold, Intake Runner & Installation Hardware



SINGLE WEBER CARBURETOR KITS

- INCREASE HORSEPOWER (BOLT-ON) With Reliability and Performance
- Kit sold complete with new IDF Carb., high-flow manifold, air cleaner and linkage

- 30217** Single 40 IDF Carb Kit - TYPE 1
30218 Single 44 IDF Carb Kit - TYPE 1
3021901 Single 40 - 48mm IDF center manifold and linkage



WEBER IDF & IDA CARBURETORS KITS SERIES 30

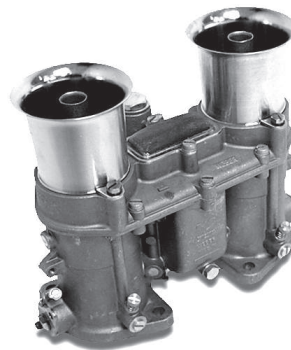
WEBER 48 IDA CARBURETOR KITS

"Drag Race" Certified

- INCREASE HORSEPOWER (BOLT-ON) With Reliability and Performance
- Kit sold complete with new IDA Carb., high-flow manifolds and linkage

3022101
30220

Weber 48 IDA Carburetor Only
Weber 48 IDA Kit with Hexbar linkage



WEBER "IDF" DUAL CARBURETOR KITS TYPE 1 & 4

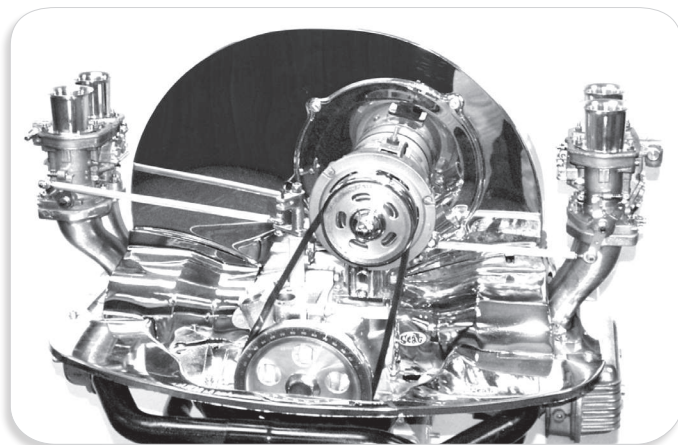
- INCREASE HORSEPOWER (BOLT-ON) With Reliability and Performance
- ALL Complete kits include Carburetors, Off-Set Aluminum Manifolds, Hex Bar Linkage, Air Cleaners, Fuel Line and Mounting Hardware

30213H-WEBER
30214H-WEBER
30215H-WEBER
30213H-WEB-T4
30216H

Dual 40 IDF, Type I Kit
Dual 44 IDF, Type I Kit
Dual 48 IDF, Type I Kit
Type 4 WEBER DUAL 40mm IDF Kit
Dual 44 IDF, Type 4 Kit

35071
35115
35114
30050

40mm IDF Weber Carburetor
44mm IDF Weber Carburetor
40-48 IDF Carburetor Rebuild Kit
Push & Pull Linkage (WILL NOT WORK WITH HEATER DUCTED FAN SHROUDS)



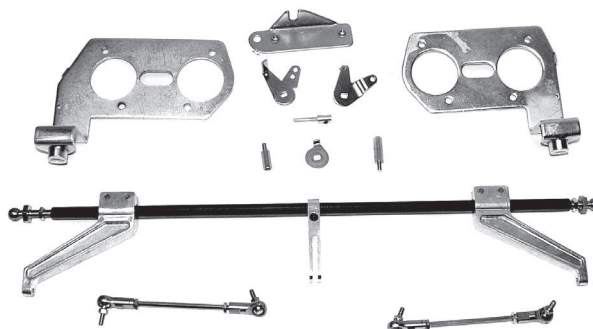
© Worldpac 2008

HEX BAR DUAL CARBURETOR LINKAGE KITS

- Strongest and Most Precise Linkage Invented for Type I Engines
- Easy to Install with All the Necessary Hardware Included
- For IDA/IDF Dual Weber & Dellorto DRLA Carb setups on all upright VW engines

30194
30197

Weber IDF Hex Bar Type I Linkage
Weber IDA Hex Bar Type I Linkage





CARBURETOR ACCESSORIES SERIES 30

IDA & IDF BILLET VENTURIES

- CNC Machined for maximum flow and perfect fit

30-VENT-32-IDF

WEBER IDF 32mm VENTURI

30-VENT-34-IDF

WEBER IDF 34mm VENTURI

30-VENT-38-IDF

WEBER IDF 38mm VENTURI

30-VENT-42-IDA

WEBER 48 IDA 42mm VENTURI



WEBER CARBURETOR SYNCROMETER

- Keeps dual carburetors operating in unison
- Easy to use, saves time and money

30198

Syncrometer



BROSOL MECHANICAL FUEL PUMP, FLANGE & STEEL PUSH ROD

- OEM quality and durability
- Fuel pressure is adjusted by pushrod length
- Type 1 with Alternator

113127025G

Fuel Pump Type 1 w/ ALT.

113127303

Fuel Pump Flange

113127307A

Hardened Steel Pushrod - 100mm



UNIVERSAL STEERING DUAL CARB LINKAGE

NEW & IMPROVED DUAL CARBURETOR LINKAGE

One kit is used with Weber ICT, IDF, IDA, KADRON...

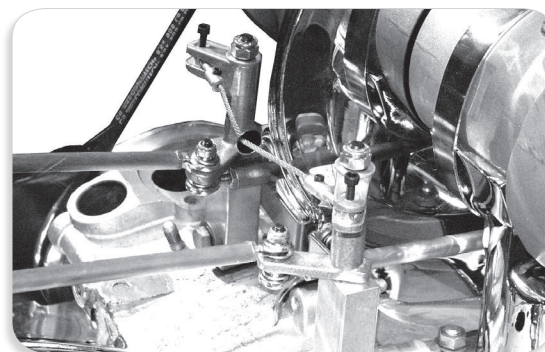
- 3/8" 6061-T6 Aluminum Linkage Rods
- Forged right- and left-hand thread male rod ends for easy adjustment
- Billet 6061-T6 Support Stand with Fan Shroud Support Arm
- Precise Throttle Cable Arm alignment for smooth operation

30050

Universal Dual Carb Linkage Kit

30040

Solex P-40 Linkage Kit



SUPER-DUTY REPLACEMENT 3/32" DIA. THROTTLE CABLE KITS & ROLLER PEDAL

- Eliminate chaffed & broken stock throttle cables forever
- Super strong 3/32" diameter galvanized aircraft cable with swaged cable end
- Cable is protected by a nylon cable guide
- All Type 1 VW Bugs & Buggies – available with Roller Accelerator Pedal

80164

Custom Roller Accelerator Pedal

85074

Super-Duty Throttle Cable Kit

85119

Super-Duty Throttle Cable Only – Fits in stock cable tube

35077

Throttle Cable Extender

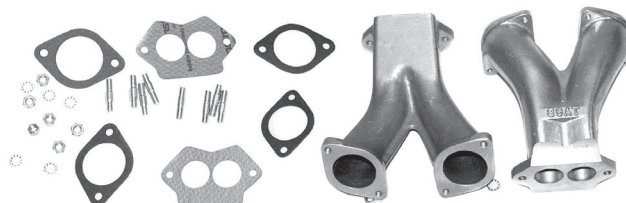


FLOW DUAL-PORT 356-T6 ALUMINUM INTAKE MANIFOLDS

- Precision machined for perfect leak-proof fit and maximum mixture flow
- Easy spark plug removal and clearance of all fan housings
- Manifolds may be ported & polished to match SCAT modified dual-port cylinder heads
- Kits include carb, manifolds, studs, washers, nuts and precision die-cut base gaskets

IDA MANIFOLDS FOR VW TYPE 1

30122 Pair – 48IDA Weber, TALL SCAT TRAK Manifold w/extra thick base



IDF MANIFOLDS FOR VW TYPE 1

30076 Pair – 40/44/48IDF Weber, 36/40/45DRLA Dellorto – OFF-SET DESIGN



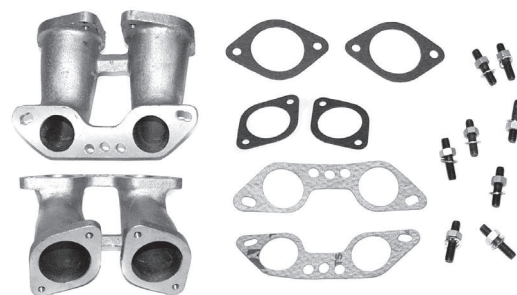
SOLEX DUAL CARBURETOR MANIFOLDS

30247 Aluminum Solex 35mm Dual Carburetor Manifolds Type 1 Dual - Port
30150 Short Solex 40mm T-1



VW TYPE 4/PORSCHE 914 IDF MANIFOLDS

30049 Pair – IDF Weber, DRLA Dellorto Manifolds



FLOW INTAKE MANIFOLD FLANGE TO HEAD GASKETS

- Top quality precision die-cut gaskets
- Designed to seal against all leaks
- 10-Piece Packs

30038 Dual-Port Standard
30161 Dual-Port 'D-Port'
30163 Type 4 411/914 – All 3- & 4-Bolt
35039 Heat Riser Flange



FLOW DUAL-PORT END CASTINGS TYPE 1

- For use with all center-section manifolds for dual-port heads
- Complete with 2-step rubber couplers & mounting hardware

30091 Pair – Dual-Port End Castings
30140 Replacement Mounting Kit



CARBURETOR BASE GASKETS – 10-PIECE PACKS

- Top-quality replacement gaskets and Precision die-cut to match carb base
- Seals against all leaks

35068	Weber Progressive DFEV
35035	Weber 48 IDA, DCOE
35144	Weber 40 IDF / Dellorto 36/40/45 DRLA
35145	Weber 44 IDF
35146	Weber 48 IDF/IDA

ELECTRIC FUEL PUMP KIT

- Solid state – 12-Volt, lightweight & compact design
- Rated to pump 30 gallons per hour at 3 lbs. of pressure
- Pump must be used with a fuel pressure regulator
- Aluminum fuel pump mount covers stock pump location

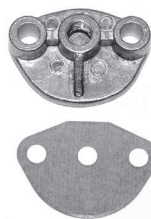
35187	Electric Fuel Pump Kit – Includes fittings, clamps and gaskets
35188	Aluminum Fuel Pump Mount



FUEL PUMP BLOCK OFF PLATE

- For all VW Type 1-3 cases
- Cast aluminum plate replaces stock fuel pump when using an electric or cam-driven fuel pump
- Includes provision for additional crankcase breather – tapped 1/3 NPT
- Mounts to case using stock length studs – mounting gasket included

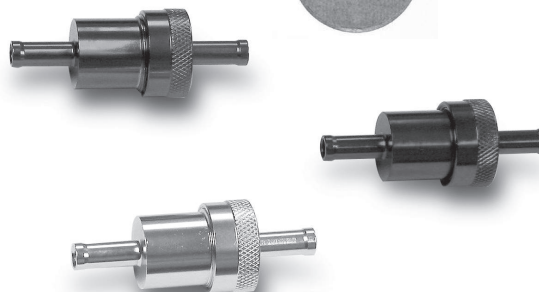
10182	Fuel Pump Block Off Plate
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BILLET 6061 ANODIZED 5/16" FUEL FILTERS

- Washable filter element
- 2-piece design for easy cleaning, maximum flow and strength
- Available colors: Blue, Red and Aluminum

35184B	Blue Fuel Filter
35184A	Aluminum Fuel Filter
35184R	Red Fuel Filter
35185	Replacement Fuel Filter Element



ADJUSTABLE FUEL PRESSURE REGULATOR KIT

- Designed to insure a precise and constant flow of fuel
- 5 position pressure selector
- Kit includes Pressure Regulator, Chrome Mounting Bracket, 1/4" I.D. Hose Fittings & Clamps

35149	Adjustable Fuel Pressure Regulator Kit
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WASHABLE UNIVERSAL SEE-THRU FUEL FILTERS

- Replaceable Micron Filter Element Traps Solids and Water Particles
- Chrome 1/4" Hex Head Fittings

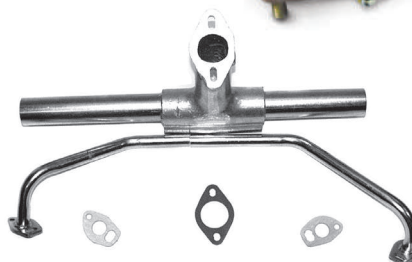
35183	See-Thru Fuel Filter
35200	See-Thru Fuel Filter Kit – Includes hose & clamps



NEW 34 PICT VW CARBURETOR & ALUMINUM TYPE I MANIFOLD

- Carburetor Fit Stock VW 1500 – 1600cc '71 & later intake manifolds
- 34 PICT-3 – 12-Volt Electric Choke – Double Arm
- Type 1 PICT Aluminum "T" Manifold includes Heat Riser Tubes and Hardware

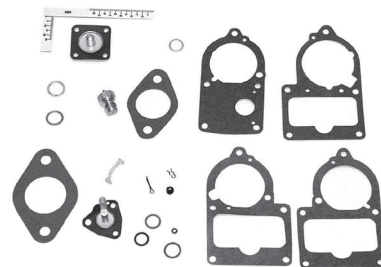
35214	New 34 PICT-3 Carburetor W/Electric Choke
30244	New 30-34 PICT Manifold with Heat Riser Tubes and Hardware



CARBURETOR REBUILT KITS

- Complete kits includes all required gaskets, o-rings, needle & seat
- Includes illustrated instructions

31038	'60-73, VW Carbs 28PICT, 28PICT-1, 30PICT-1, 30PICT-2, 30PICT-3, 34PICT-3
35113	Weber ICT Rebuild Kit
35114	Weber IDF Rebuild Kit



SCAT CHROME LOGO & ALUMINUM AIR CLEANER ASSEMBLIES

- 4 removable spring clips for easy access for carb. tuning or cleaning of washable gauze filter
- Compact – low-profile assemble that bolts to carburetor
- 6-1/2" x 4-1/2" x 1-3/4" or 2-1/2" or 3 - 1/4"

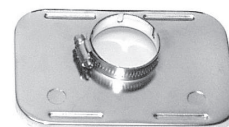
40207	PICT 2-1/6" Dia. Solex Neck VW Carburetor, 1 - 3/4" High Rect.
40208	2-1/2" High 40-48IDF Weber and 36-45DRLA Dellorto Carbs
40210	Weber DFEV Progressive Assembly, Rect. 2 - 1/2"
40208-3	3-1/4" Tall Chrome IDF/DRLA Oval Assembly
40208-3ALM	Aluminum Top & Bottom 3 - 1/4" Oval



40208-3

REPLACEMENT AIR CLEANER ELEMENTS & COMPONENTS

40215	Replacement Gauze Element, 1-3/4" High Rect.
40223	Replacement Gauze Element, 2-1/2" High Rect.
40235	Replacement Oval Gauze Element, 3-1/4" High
40221	4-Piece Set Chrome Air Cleaner Clips, 1-3/4" High
40224	4-Piece Set Chrome Air Cleaner Clips, 2-1/2" High



40207

CHROME FLAT TOP ROUND VW AIR CLEANERS

- 6-3/8" diameter low profile design
- Off-set base with smog tube – clamp mounting
- Low profile 2-1/2" – clears Beetle, Ghia & Transporter Deck Lids
- Triple chrome plated for lasting beauty

40029	2-1/16" Diameter Neck Stock VW Carb. Air Cleaner Assembly
40031	Replacement 6-3/8" x 1-1/2" Diameter Air Cleaner Element



34 ICT WEBER-BROSOL-SOLEX AIR CLEANER

- Molded rubber with permanent chrome cap
- For 2-1/16" diameter carb neck, clamp mounting
- Washable & reusable gauze filtering element

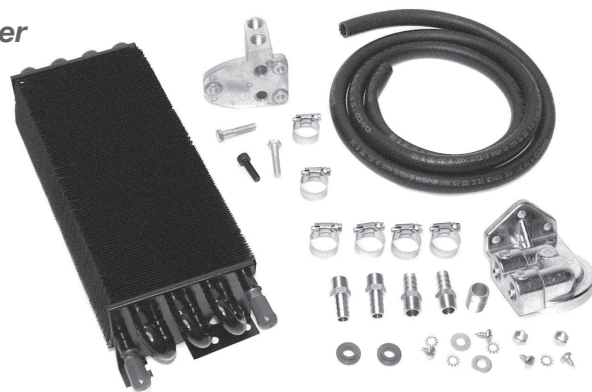
40192	4-3/4" Tall Velocity Sock Style Air Cleaner with Mounting Clamp
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SCAT 8-PASS FULL FLOW OIL COOLER KITS

– For use in Type 1 - 3 engines - replaces stock oil cooler

- 1/2" copper tubing and mechanical expansion construction
- Tested and proved through years of off-road competition
- Includes oil bypass adapter for stock oil cooler, 8-Pass oil cooler, spin-on remote oil filter bracket, high-pressure oil hose, fitting, clamps and illustrated installation instructions
- Choice of coolers with slip-on ends for street applications or with -8AN fitting for high-performance uses



OIL COOLER KITS

50101	Kit w/Slip-On Ends
50103	Kit w/-8AN Male Ends
50102	Oil Cooler only w/Slip-on Ends
50104	Oil Cooler only w/-8AN Male Ends

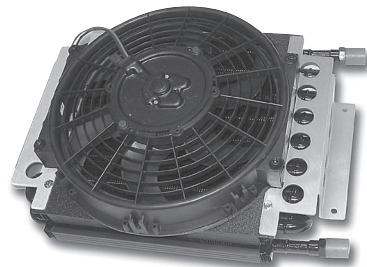
HIGH-PRESSURE OIL HOSE

50032	25" Roll High-Pressure Oil Hose
50047	Replacement Oil Line & Clamp Kit

ELECTRA-COOL REMOTE OIL COOLER WITH ELECTRIC FAN

- Barb adapters for hose clamps or - 8AN male ports
- Anodized billet brackets to secure cooler to any location on your vehicle
- 650cfm 10" reversible turbo fan to keep engine oil cool
- 25,000 GVW and measures 10" wide by 16" long by 4-7/8" thick

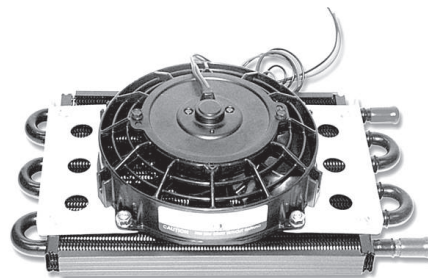
15800	Electra-Cool Remote Oil Cooler with Electric Fan
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FAN MOUNTED OIL COOLER - COMPACT

- 1/2" push-on 6 pass (7-1/2" X 12" X 3-7/8") 400 CFM 8" reversible turbo fan 15,500 GVW - econo cool

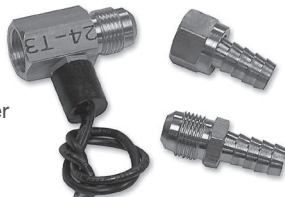
15830	Fan mounted oil cooler
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IN-LINE FAN THERMOSTAT

- Thermostat attaches to the - 8AN or barb inlet port of cooler
- Activates fan at 180° F

15721	In-line Fan Thermostat
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SCAT UNIVERSAL OIL BREATHER BOX KIT

- Relieves engine crank case back pressure without loss or spillage of oil & allows engine to breathe through a combination of breather vents – from your air cleaner, valve covers and crank case

50029	Universal Oil Breather Box Kit
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CUSTOM OIL FILLER EXTENDER

- Extra length replacement filler neck for easy oil fills – eliminates nasty oil spills in your engine compartment
- Highly-polished Aluminum for that customized look – convenient screw on cap for easy access and positive sealing
- Breather vent included – ideal for hook-up to SCAT 50029 Oil Breather Box Kit

50112	Oil Filler Extender - Plastic Cap
50112B	Billet 6061-T6 Cap & Polished Oil Filler Extender
50112-1	Replacement Twist Lock Cap Only - Plastic
50112BC	Billet 6061-T6 Oil Filler Cap

50112B

OIL BREATHER FILTER

- Oil breather filter to help ventilate crankcase oil pressure

50113	Oil Breather Filter
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CNC BILLET 6061-T6 FULL FLOW OIL PUMP COVER

- Harder and stronger than cast covers
- Machined flat and will not leak under pressure
- Efficient design clears pulley and helps oil flow fast

50059 CNC Billet 6061-T6 Full Flow Oil Pump Cover



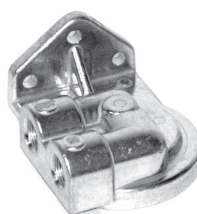
SCAT REMOTE SPIN-ON OIL FILTER BRACKET KIT

- Universal mounting and application
- For use with SCAT 50009 or FRAM HP-1 filters
- Kit includes filter bracket w/nipple, 3/8" NPT fittings and 1/2" I.D. hose clamps

50031 SCAT Spin-on Remote Oil Filter Bracket Kit

50017 Ports - Right 3/8 NPT Oil Filter Bracket

50078 Ports - Left 3/8 NPT Oil Filter Bracket



BILLET OIL FILTER ADAPTER MOUNT

- Billet Design for Long Lasting Finish
- Pull and Install Engine without Removing Oil Lines

50040 Billet Oil Filter Adapter Mount



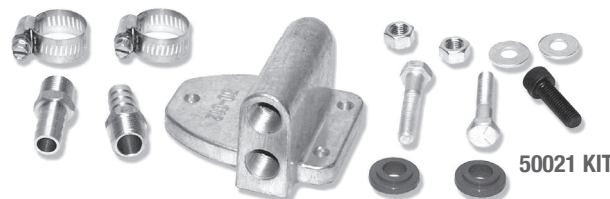
SCAT DIE-CAST OIL BY-PASS ADAPTER KIT

- For use with Type 1-3 engine cases & stock oil cooler seals
- Blocks off stock oil cooler and routes oil to remote cooler
- Casting is long enough so that all fittings are outside of fan housing and bottom fitting will not block off part of oil passage
- Kit includes block off, 3/8" NPT fittings, 1/2" I.D. hose clamps & seals

50021 Oil ByPass Adapter Kit

50065069 G38100-0806 Hose Barb 3/8 NPT x 1/2" Host Straight Brass

10185 FULL FLOW 90 Degree x 3/8 NPT Case Fitting = G60606-0202



50021 KIT



50065069



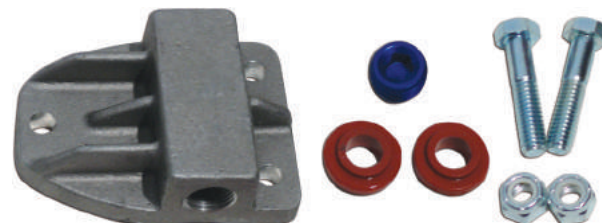
10185

FULL FLOW OIL COOLER BLOCK OFF

– For use in Type 1-3 engine cases

- Allows removal of stock oil cooler when no longer required
- Designed to allow oil to re-enter engine case immediately - gasket and hardware included

50075 Full Flow Oil Cooler Block Off



DIAL-IN OIL PRESSURE BOOSTER KIT

– For use in all Type 1-3 engine cases, single or dual by-pass

- Adjustable feature allows you to dial in desired oil pressure

50066 Dial-In Oil Pressure Booster Kit



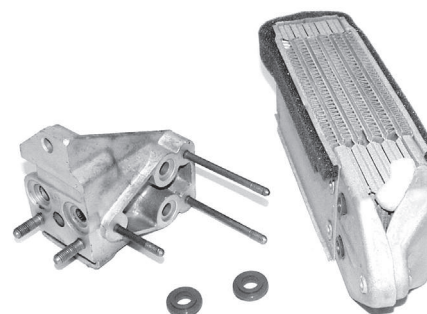
DOGHOUSE OIL COOLER & ADAPTER

- New O-MILE Adapter Made from 319 Alloy—die-casting

50106

113117021B

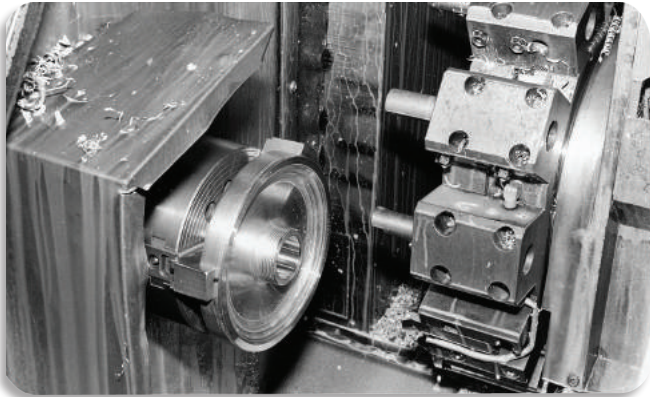
**Doghouse Oil Cooler Adapter
Oil Cooler**





ALUMINUM CRANK PULLEYS & ACCESSORIES

THE STRONGEST PULLEYS IN THE WORLD, MADE EXCLUSIVELY BY SCAT, "JUST GOT BETTER."



ALUMINUM VW TYPE 1 DEGREE 6061-T6 BILLET CRANKSHAFT PULLEYS

- Machined from aircraft billet 6061-T6 – not porous weak castings "STRONGEST PULLEY IN THE WORLD"
- Machined at SCAT to exacting tolerances on CNC Computer Turning Centers
- Diamond cutter used for a mirror finish
- Timing degrees & TDC permanently bonded to pulley face with all new epoxy in Black, Candy Blue or Candy Red
- All Sand Seal Pulleys feature a steel sleeved pulley hub which prevents cracking of the aluminum pulley keyway and insures against oil leaks due to wear of seal rubbing against aluminum hub
- No machining of case required – all pulleys are bolt-on installations
- Collar and Seal included with all Sand Seal Pulleys



BILLET 6-3/4" STANDARD DIAMETER ALUMINUM DEGREE PULLEYS

- Deep "V" belt groove reduces the possibility of throwing or twisting pulley belt
- For use with stock length pulley belt or SCAT 80209 Belt

THREADED PULLEYS

BILLET	SANTANA
80346	80227
80346B	80227B
80346R	80227R

BOLT-ON SAND PULLEYS

COLOR	BILLET	SANTANA
BLACK	80347	80228
BLUE	80347B	80228B
RED	80347R	80228R



*Sand Seal & Collar Shown Included w. Sand Seal Pulleys



SAND SEAL COLLAR

80172-PIN Pinned Collar Seal / Sand Seal Style - Bolt On



ALUMINUM CRANK PULLEYS & ACCESSORIES

5-3/4" DIAMETER BILLET 6061-T6 POWER PULLEYS

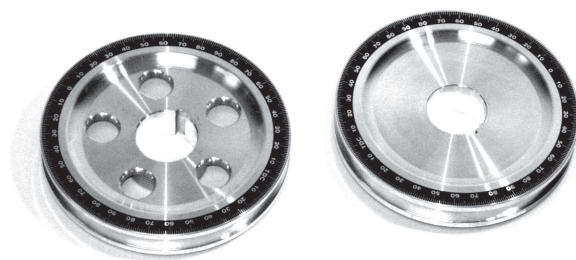
- 1" smaller diameter same as Porsche 912
- A must for 4500 RPM & above
- 33% lighter than a stock steel pulley
- Increases horsepower up to 10%
- Deep "V" belt groove reduces the possibility of throwing or twisting belt

THREADED PULLEYS

SOLID	5-EYE	COLOR
80006	80005	Black

BOLT-ON SAND PULLEYS

SOLID	5-EYE
80092	80091



DRY SUMP BILLET 6061-T6, 5-3/8" DIAMETER SOLID DEGREE PULLEYS

80090	Threaded Pulleys (Pulley w/o Belt Groove)
80175	Threaded Pulleys (Pulley w/Belt Groove)
80251	Sand Seal Pulleys (Pulley w/o Belt Groove)
80181	Sand Seal Pulleys (Pulley w/Belt Groove)



SCAT CUSTOM 12-Volt BILLET PULLEY KITS AND ACCESSORIES

- Choice of threaded style Aluminum Degree Power or Standard Diameter size pulleys
- Available with Black, Candy Blue or Candy Red Numerals
- Complete kit includes degree crankshaft pulley, chrome 12-Volt alternator/generator pulley, chrome Pulley Trim Set and fan belt

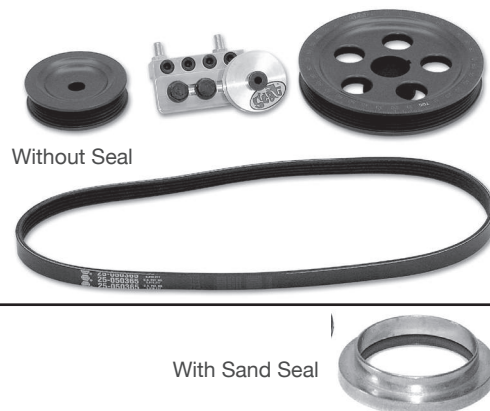
PART#	DESCRIPTION	COLOR
80096	Power Pulley Kit	Black
80099	STD Diameter Santana Style	Black
80100	STD Diameter Santana Style	Blue
80101	STD Diameter Santana Style	Red
80102	Std Diameter Billet Style	Black
80103	Std Diameter Billet Style	Blue
80104	Std Diameter Billet Style	Red
80209	Standard Diameter Pulley Belt	
80004	Power Pulley Belt	
80176	Dry Sump Pulley Belt	
80107	Chrome Pulley Bolt & Washer	
80172	Replacement Collar & Sand Seal Assembly	
80173	Replacement Sand Seal Only	



SERPENTINE PULLEY & BELT SYSTEM

- Designed for high R.P. M. Engines (5,000 r.p.m. - PLUS)
- Increased belt life, less drag & quiet

80316	Aluminum look pulleys with black screened timing degree wheel
80316B	Blue Hard anodized both crank/alt. pulley with etched timing degree wheel
80316BK	Black Hard anodized both crank/alt. pulley with etched timing degree wheel
80316R	Red = Hard anodized both crank/alt. pulley with etched timing degree wheel
80316-SEAL	Serpentine Belt System with Sand Seal - Aluminum Look
80316-BK-SEAL	Serpentine Belt System with Sand Seal -Black Hard Anodized



NEW



ALUMINUM CRANK PULLEYS & ACCESSORIES

MIGHTY 8.8 CRANK BOLT AND S.S. WASHER

- Thick .500" HexHead X 1.150" Long Thread (OAL = 1.650")
- Stainless Steel Washer

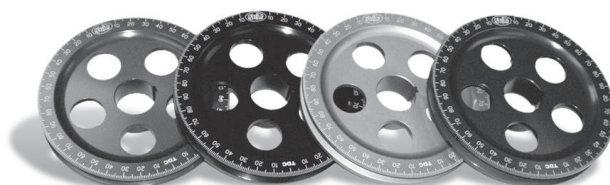
80204 Mighty 8.8 Crank Bolt and S.S. Washer



6-3/4" STANDARD DIAMETER HARD ANODIZED LASER-ENGRAVED SCAT BILLET 6061-T6 DEGREE PULLEYS — MADE TO LAST

- BLACK, BLUE, RED Threads or Sand Seal
- Durable hard anodize + Bright Dipped
- Laser engraved degree numbers & marks

SOLID	COLOR	SANTANA
80346E	Black	80227E
80346BE	Blue	80227BE
80346RE	Red	80227RE
80347E-SS	Black Sand Seal	80228E-SS



CHROME PULLEY TRIM SET

- Complete set replaces chrome crankshaft pulley bolt w/washer plus a custom designed acorn style alternator/generator nut & washer combination
- Fits all stock generators and alternators

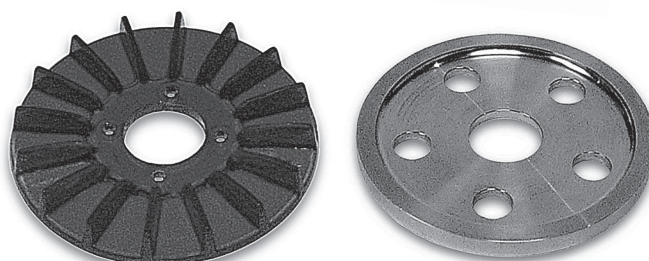
80060	Complete Chrome Trim Set
80003	Chrome Alternator/Generator Nut & Washer
80107	Chrome Crankshaft Pulley Bolt & Washer



DRESS-UP TRANSPARENT AND 6061 BILLET ALTERNATOR / GEN. PULLEY FACE PLATES

- Finned design adds strength or fine finish aluminum

80355B	Blue Face Plate
80355R	Red Face Plate
80355C	Clear Face Plate
80355	6061 Aluminum Face Plate



12-VOLT CHROME ALTERNATOR /GENERATOR PULLEY

- Heavy-gauge steel construction
- Show-car quality triple chrome-plated finish

80315 Chrome 12-Volt Alternator/Generator Pulley



8-BALL BLACK FAN SHROUDS AND DUAL-PORT CYLINDER COVERS

- Quality steel construction protected with durable coating
- Fits and looks great

25880	Dual-Port Cylinder Covers
25888	Dog-House Fan Shroud
25888-1	Dog-House Fan Shroud with Heater Ducts



NEW

25888-1 Shown

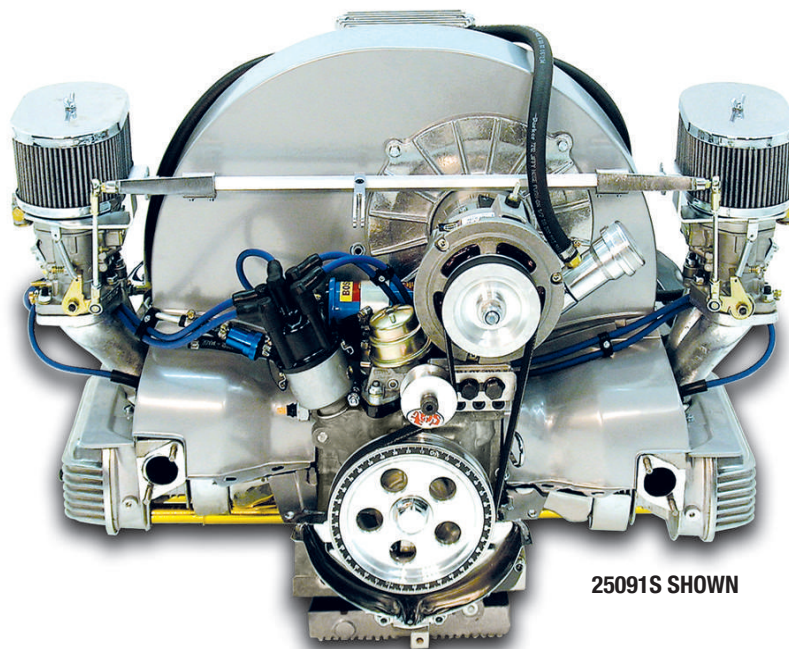
DURA-COLOR™ POWDER-COATED FAN SHROUD KITS

Available colors: Porsche Silver, SCAT Red and O.E.M. Black

POWDER-COATED BENEFITS:

- Increases metal strength and reduces engine running temperatures
- Protects metal and welds from corrosion
- Seals air leaks between seams
- Resistant against oil, gasoline and water
- Only thick gauge original SCAT Tight-Fit shroud kits are used to guarantee proper fit and durable beauty

25091B	DOGHOUSE FAN SHROUD - BLACK POWDER COATING
25091R	DOGHOUSE FAN SHROUD - RED POWDER COATING
25091S	DOGHOUSE FAN SHROUD - PORSCHE SILVER POWDER COATING
25091-1B	DOGHOUSE FAN SHROUD W/DUCTS - BLACK POWDER COATING
25091-1R	DOGHOUSE FAN SHROUD W/DUCTS - RED POWDER COATING
25091-1S	DOGHOUSE FAN SHROUD W/DUCTS - PORSCHE SILVER POWDER COATING
25093B	CYLINDER COVERS DUAL-PORT - BLACK POWDER COATING
25093R	CYLINDER COVERS DUAL-PORT - RED POWDER COATING
25093S	CYLINDER COVERS DUAL-PORT - PORSCHE SILVER POWDER COATING



25091S SHOWN

SCAT DOGHOUSE & 36HP STYLE CHROME FAN SHROUD KITS & COMPONENTS

- Fashioned after the VW 36HP Fan Shroud with the added cooling performance of the late-model doghouse cooler
- Designed and engineered to work! - Contoured correctly to fit AS21 & AS41 engine cases
- The original '9' Internal Air Directional Vein aftermarket manufactured Doghouse Style Shroud
- Standard '7' Vein non-doghouse Shrouds & throttle cable is located in the proper location
- Heater models w/wedged ducts and internal air scoops designed for maximum air flow
- Mounting fasteners for Doghouse Exhaust Tin & shroud is internally clearanced for late wide model doghouse fan
- Show-Car Quality Chrome Plating or special 'Paintable' finish for custom color applications
- Don't be fooled by cheap prices - bad fit & poor cooling - insist on the BEST!
- Thick-gauged steel construction

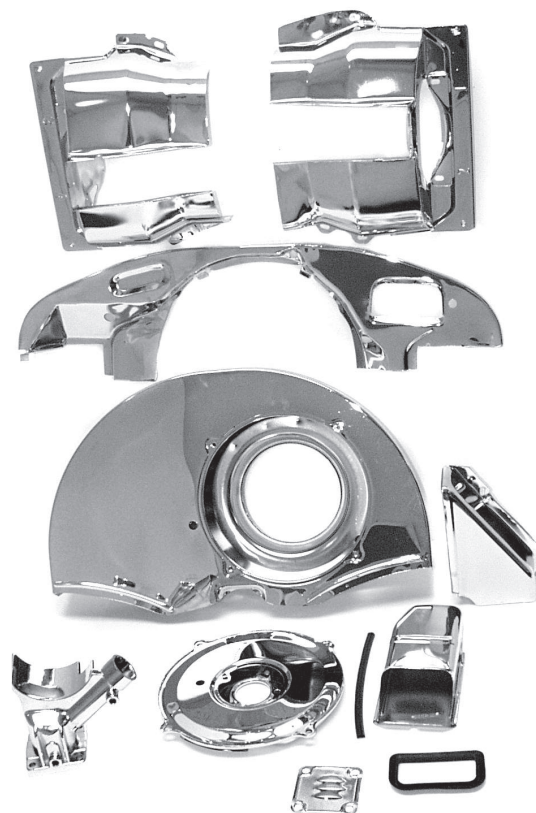
9-PIECE DOGHOUSE FAN SHROUD KITS

- ANOTHER SCAT FIRST

- The Original '9' Internal Air Directional Vein Aftermarket Fan Shroud
- Kit includes Fan Shroud, Upper & Lower Cooler Exhaust Tin, Front Engine Breast Plate, Alt/Generator Stand, Inner & Outer Fan Backing Plates, Dual-Port Cylinder Covers

CHROME PAINTABLE

25138C	25138
25139C	25139 W/ AIR DUCTS



TIGHT FIT TINS & ACCESSORIES

DOGHOUSE FAN SHROUD & COMPONENT

	CHROME	PAINTABLE
Shroud w/o Air Ducts	25091C	25091
Shroud w/ Air Ducts	25091C-1	25091-1
Upper Cooler Exhaust Tin	25133C	25133
Lower Cooler Exhaust Tin	25134C	25134
Front Breast Plate	25135C	25135
Alternator/Generator Stand	25062C	25062
Dual-Port Cylinder Covers	25093C	25093
Fan Backing Plate - Inner	45072-1	45074
Fan Backing Plate - Outter	45072	45071



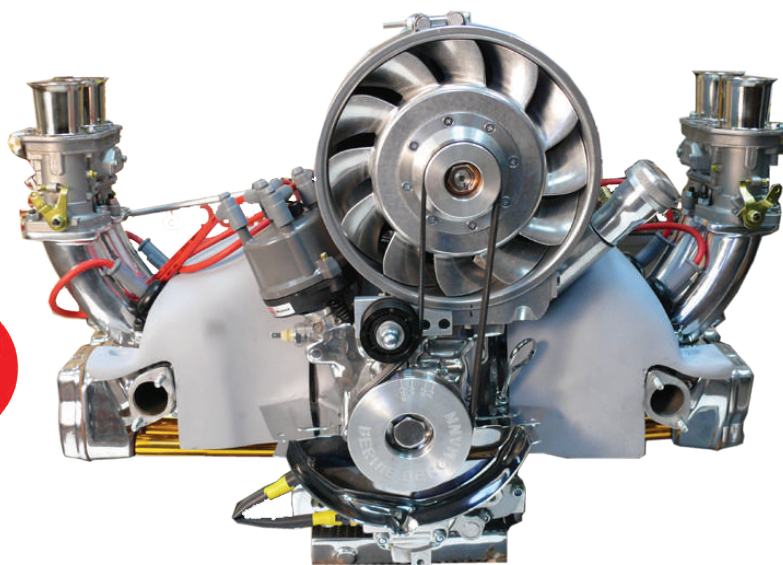
WELDED AND BALANCED TURBINE FAN

- Each blade is welded to both sides of the drive plates for superior strength and function
- Dynamically balanced at high R.P.M.'s to a permissible tolerance with weld-on weights
- Blue zinc plated for durability and longevity

25074	Welded & balanced turbine fan- Late Model
25079	Set Cooling Fan Mounting Hardware

BERGMANN 911 STYLE FAN SHROUD

25085-BERG BERGMANN 911 STYLE SHROUD KIT W. SERPENTINE SYS. BALANCED 12-BLAD FAN & 110 AMP. ALTERNATOR



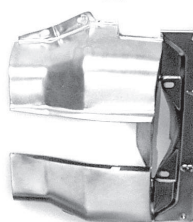
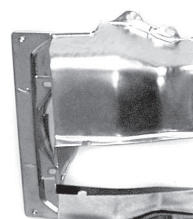
6-PIECE STANDARD 36HP STYLE FAN SHROUD KITS

- Kit includes Fan Shroud, Alt/Generator Stand, Inner & Outer Backing Plates, Dual-Port Cylinder Covers

CHROME	PAINTABLE	
25140C	25140	KIT W/O AIR DUCTS
25141C	25141	KIT W/ AIR DUCTS

36HP STYLE FAN SHROUDS & COMPONENTS

	CHROME	PAINTABLE
Shroud w/o Air Ducts	25092C	25092
Shroud w/ Air Ducts	25092C-1	25092-1
Alternator/Generator Stand	25062C	25062
Dual-Port Cylinder Covers	25093C	25093
Fan Backing Plate - Inner	45072-1	45074
Fan Backing Plate - Outter	45072	45071



FAN SHROUD & CYLINDER COVER SCREW SET – 12-PIECE SET

- Finish off you new fan shroud & cylinder cover installation with new screw & plated for rust resistance and appearance

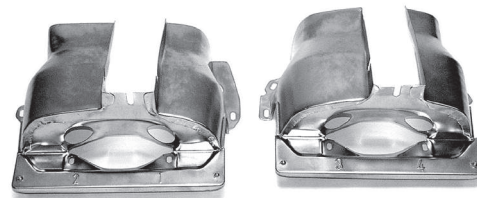
25098 Fan & Cylinder Cover Screws



SCAT DUAL-PORT CYLINDER COVERS

- Highest-quality reproduction of the original Dual-Port Cylinder Tin for TYPE 1 engines
- Heavy gauge steel stamping available in polished 'show car' quality chrome or paintable CAD II plating
- Best fitting – no cutting, bending or modifying required
- Insist on the BEST! – sold in pairs only

25093C Chrome
25093 CAD II



SCAT 'COOL TIN

- Completes the air circulation around the underside of the cylinders for much needed 360-degree cooling
- A must for all high-performance engines
- Available in 'show car' quality chrome or paintable CAD II plating
- Best fitting – no bending, cutting or modifying required – insist on the BEST! – sold in pairs only

25076C Chrome
25076 CAD II
043119317B Head Deflector Plate



043119317B



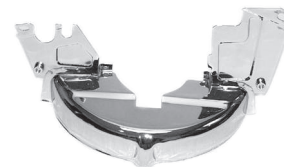
25076C

SCAT PULLEY TIN

- Pulley Tin for behind the crankshaft pulley
- Available in polished 'show car' quality chrome or paintable CAD II plating

STOCK W/ HOLE

25097C Chrome - Stock w/ hole
25097 CAD II - Stock w/ hole



SCAT REAR ENGINE TIN

- Rear Engine Tin to complete your total engine package & designed to match rear engine compartment contour
- Available in polished 'show car' quality chrome or paintable CAD II plating
- Cal-Look w/o fresh air holes or w/holes to allow use of heater system

25094C Chrome - Cal-Look w/o Hole
25095C Chrome - Cal-Look w/ Hole
25094 CAD II - Cal-Look w/o Hole
25095 CAD II - Custom w/Holes



CHROME AIR INTAKE SCREEN

- Protects cooling fan and oil cooler from leaves and other debris
- Simple installation – heavy wire mesh screen with rubber sealing strip clamps to rear flange
- Fits fan shrouds without doghouse

85004 Chrome Air Intake Screen



CHROME OIL BREATHER CAPS – OIL FILLER TUBE & DIPSTICKS

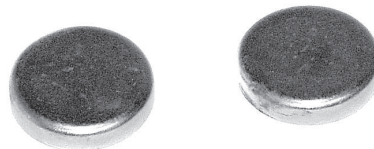
50122 Oil Filler w/Down Tube
50122-1 Oil Filler w/o Down Tube
50123 Repl Twist Lock Filler Cap
80084 Breather Cap, Dome Style
50117 Dipstick, Std Length
80330 Breather Cap, Flat Top Style



FAN HOUSING PLUGS

- Fan housing plugs seal off fresh air openings

80163 Pair – Fan Housing Plugs w/Screws



1-5/8" RACING BAJA MERGE EXHAUST SYSTEMS - TYPE 1 & 4

AVAILABLE IN RAW OR CERAMIC COATED

- Made in U.S.A. from durable 16-gauge steel 1-5/8" tubing
- Thick 5/16" machined sealing flanges for strength and tight fit
- Ceramic-coated headers & mufflers are heat fused to 650 degrees creating a tough barrier against corrosion and damage caused by external elements
- Merge design adds 10% to 15% more horsepower

RACING BAJA MERGE EXHAUST SYSTEMS

55164RA	Angled Collector - Raw
55164RAC	Angled Collector - Ceramic
55164RU	U-Bend Muffler - Raw
55164RUC	U-Bend Muffler - Ceramic
55164RMC	Ceramic Muffler - Only for U-bend
55164RB	Baffle Insert for Angled Collector/Stinger

BUGGY MASTER' EXHAUST SYSTEMS

- Fits Type 1 upright engines & complete system includes quiet muffler
- Offers maximum horsepower with ground clearance and the whisper of a quiet muffler

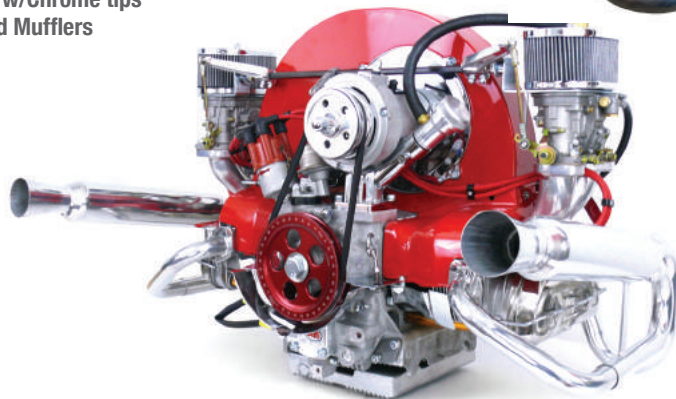
APPLICATION	RAW	CERAMIC COATED
W/Heater Boxes	55232	55232C
W/O Heater Boxes	55233	55233C



DUAL PYTHON UNIVERSAL EXHAUST SYSTEMS

- Great For Baja Bugs, Sand Rails and Trikes - fits Type 1 upright engines
- Designed to work with single or dual carburetor kits
- Eliminates heater boxes and Includes heat risers

55010	Black Mufflers w/Chrome tips
55011	Ceramic Coated Mufflers



NEW



55164RUC

1-5/8" MERGE SIDEWINDER EXHAUST SYSTEMS WITH DYNOMAX MUFFLER

- Offered in Ceramic Coated or Raw
- 1-5/8" Mandrel Bent 16 Gauge tubing with 3/8" Thick Flanges
- Dynomax Muffler

551SW-CC	1-5/8" Ceramic Coated Sidewinder (Type 1)
551SW	1-5/8" Raw Sidewinder (Type 1)



551SW-CC SHOWN

NEW

GREAT SOUND

RACING TYPE 1 MERGE SEDAN/BUS HEADERS & MUFFLERS

- Slip joints on the head pipes allow proper fit with larger & wider engines
- The merge collector allows the exhaust from each of the four pipes to merge together gradually at the collector producing a greater power gain than standard street systems

RAW	DESCRIPTION	CERAMIC
SC112	1-1/2" Merge Header	SC112C
SC158	1-5/8" Merge Header	SC158C
SC134	1-3/4" Merge Header	SC134C
SC200	2" Merge Header	SC200C
SCQ-S	Stinger Merge Muffler for T1	SCQ-SC
SCQ-SL	Stinger for 2" Merge Header	SCQ-SCL
SCQ-1	Single Quiet Muffler	SCQ-1C
SCQ-2	Dual Merge QP Muffler, Type 1	SCQ-2C
SCQ-HIDE	Single Hide-A-Way Muffler	SCQ-HIDE-CER

SSM-1	Stainless Steel (Phantom) Merge Single Muffler
SSH-158	Stainless Steel 1-5/8" Phantom Merge Header
55VHT	VHT Flame Proof High-Temp (1300-2000F) Ceramic Coat Header Paint



SC158 SHOWN



SCQ-2C SHOWN



55VHT SHOWN

STREET EQUILIZER STD. EXHAUST SYSTEMS

- Dyno tested to breathe more life into your engine
- Equal-length extractors are precision mandrel bent from 1-3/8" heavy-gauge steel tubing & jig welded in USA for proper fit
- Quiet muffler minimizes back pressure and street legal

APPLICATION	HEADER ONLY		SINGLE MUFFLER		DUAL MUFFLER	
	RAW	CERAMIC	RAW	CERAMIC	RAW	CERAMIC
Sedan Type 1	55210	55210-C	55189	55189-C	55192	55192-C
Bus & Ghia (61-71)	55210	55210-C	55190	55190-C	55192-BG	55192-C-BG
Type 3	55212	55212-C	55213	55213-C	55214	55214-C
Bus (72-74)	55241	55241-C	55249	55249-C		

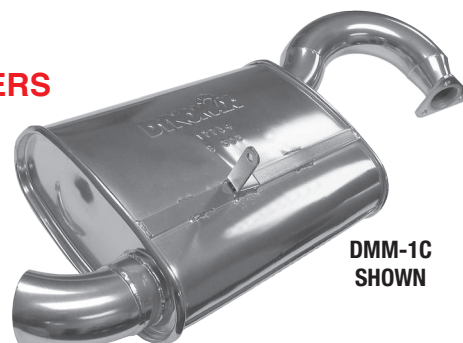


55210C SHOWN

DYNAMAX "FAT BOY" AND HIDE-A-WAY TYPE 1 MUFFLERS

- Made in U.S.A. to increase Horsepower & Sounds Great

RAW	DESCRIPTION	CERAMIC
DMS-1	STD header	DMS-1C
DMM-1	Merge header	DMM-1C
55189-HIDE	STD. header	55189-HIDE-CER



DMM-1C SHOWN

4-TIP GT EXTRACTOR SYSTEM

- European styling with 4 chrome exhaust tips
- fits Type 1 Sedan/Ghia and Type 2 to '71
- Quiet style performance muffler

55153	4-Tip GT Extractor System
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55153 SHOWN

VW EURO 2-TIP TRI-MIL EXHAUST

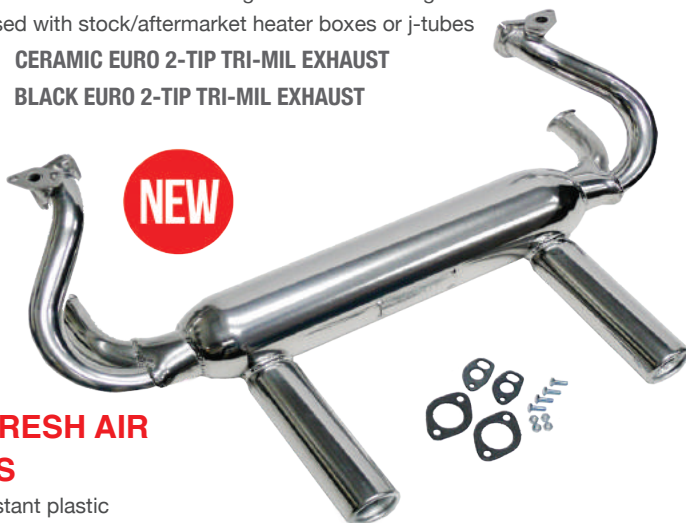
- 5/16" thick flanges and uses 1-1/2" dia. 16 ga. mild steel tubing
- Designed to be used with stock/aftermarket heater boxes or j-tubes

55153-EURO-CER CERAMIC EURO 2-TIP TRI-MIL EXHAUST

55153-EURO-BLK BLACK EURO 2-TIP TRI-MIL EXHAUST

**GREAT
SOUND**

NEW



HEAVY-DUTY FRESH AIR HEATER HOSES

- High-impact heat-resistant plastic
- Replacement heater hoses – no clamps required
- Eliminates loss of cooling air and over heating caused by torn or rotted stock paper hoses

61003 Pair - Fresh Air Heater Hoses



HEATERBOX CHANGE-OVER PIPES & HEATER BOXES

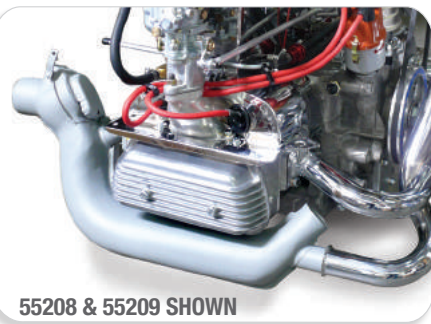
- Improve performance and heating w/ NEW quality Heater Boxes
- Changeover pipes are preformed to clear all body panels and fits all aftermarket 1-3/8" & 1-1/2 O.D. tubing extractors

55062 Pair – Heaterbox Changeover

Pipes

55208 Left Heater Box T-1

55209 Right Heater Box T-1



55208 & 55209 SHOWN



FLEXIBLE ALUMINUM HEATER DUCTING

- Flexible air tight aluminum – sold in pairs
- Oil, gasoline & high-heat resistant
- Perfect replacement for less than adequate factory ducting
- Pre-cut to 18" lengths

55151 Pair - 2" ID VW Type 1 & 2

55223 Pair - 2-1/4" ID VW Type 3



HEAT RISER BLOCK OFF PLATES

- Blocks off exhaust pipe heat rise flange
- Precision steel stamping available raw or triple chrome-plated

55199 Standard Block Off

55199C Chrome Block Off



VW EXHAUST INSTALLATION KIT

- For use with all Extractor Exhaust Systems
- Preformed mounting clamps with attaching bolts
- High heat resistant 'doughnut' gasket included

55063 Exhaust Installation Kit



SMALL 3-BOLT FLANGE CHROME STINGER

- 18" long
- Designed for competition use on sedan applications

55202 Chrome Stinger

55201 Stinger Baffle Kit



VW EXHAUST FLANGE GASKETS

35039 Heat Riser

55061 Head Std

55216 Head 1-5/8"

55059 Extractor 3-Bolt Large

55125 Exhaust Flange 3-Bolt Small



DURA-SEAL COPPER EXHAUST GASKETS

- Tough C11 annealed copper w/ O-Ring Design for Better Seal and Longer Life
- Reusable

55112 Copper exhaust gaskets 1-1/2" I.D. – set of 4

55158 Copper exhaust gaskets 1-5/8" I.D. – set of 4

55159 Copper small 3 bolt triangle muffler flange gasket

55112-KIT Kit Includes: 4 1 - 1/2" I.D. Head Port, 1 Standard 3 - Bolt Triangle



FLAME - THROWER® & 009 CENTRIFUGAL ADVANCE VW DISTRIBUTORS

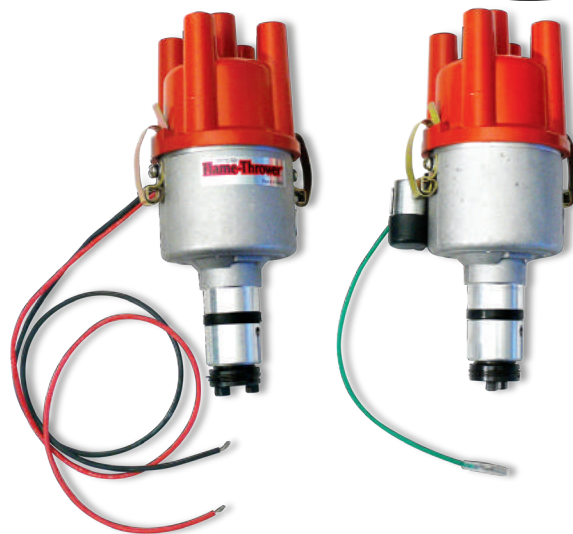
- Type 1-3, all Type 4/914 – will not work with fuel injection
- '009' features 22 degrees built-in total advance at 2600 RPM
- Retarded 3 degrees on #3 cylinder to reduce cylinder head temperature
- Excellent bottom end & smooth quick power to 6000 RPM

DISTRIBUTORS

45063	'009' Distributor
45063C	Chrome '009' Distributor
D186504	VACUUM Advance Ignitor I Distributor
D186604	Cast Distributor - Ignitor I, non vac, red cap

REPLACEMENT COMPONENTS

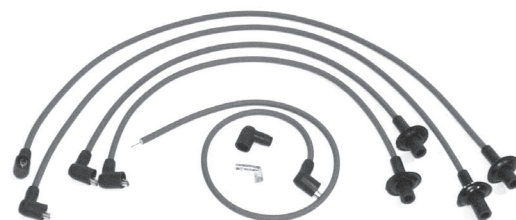
45064	Distributor Cap ('009')
45065	Distributor Rotor ('009')
45066	Distributor Condenser ('009')
45067	'092' High-Performance - Distributor Point Set
45079	Spark Pack (Includes Cap, Rotor, Condenser & Point Set)
45112	IGNITOR II Electronic Module for Centrifugal Distributor
D500709	Ignitor I Pick-up for D186604



HIGH-VOLTAGE 90-DEGREE BOOT IGNITION WIRE SETS - 8mm

- 8mm Silicone Sleeves Resist Extreme Heat and Noise
- 90 Degree Distributor Cap Boots for 009 cap
- 32" Cut to Length Coil Wire w/ boot and plug
- Heli-wound Low-Resistance Stainless Conductors

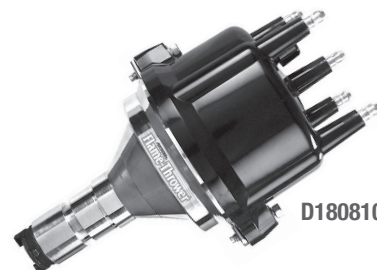
45012	Yellow w/Metal Core
45100	Blue w/Metal Core
45101	Red w/Metal Core



IGNITOR II PLUG N PLAY BILLET VW DISTRIBUTOR & COIL

- 4 times more energy
- 6061-T6 Housing and harden shaft for extreme durability & accuracy
- Extra spring sets included for custom curving
- Easier start-ups and higher plug voltage
- Brass MALE Terminals

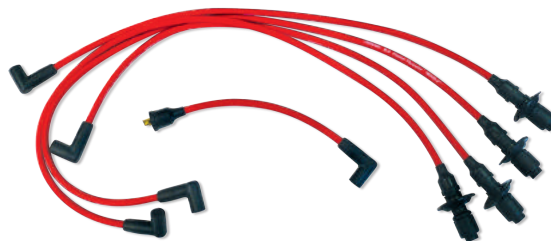
45001	Chrome Flame-Thrower II Coil = 45,000 volts
D180810	Billet Distributor, Volkswagen, Ignitor II, non-vac, black cap
D180813	Billet Distributor, Volkswagen, Ignitor II, non-vac, gray cap
D660701	Rotor for D180810



FLAME - THROWER 8mm MALE CAP WIRES

- Low-resistance & High-Performance

45-804404	Red 8mm Flame Thrower - Male Cap
45-804202	Black 8mm Flame Thrower - Male Cap
45-804303	Blue 8mm Flame Thrower - Male Cap



PERTRONIX IGNITOR & FLAME THROWER COILS

- Better Gas Mileage, Quicker Starts, Smoother Engine Operation
- Burns fuel Faster, more efficiently to produce better gas mileage & horsepower
- No more adjustments or ignition points

45102	Ignitor Electronic Ignition Module for Centrifugal Advanced Distributor
45104	Ignitor Electronic Ignition Module for Vacuum Advanced Distributor
45111	Chrome Flame Thrower Coil, 40,000 Volt
45112	Epoxy Filler Flame Thrower, 40,000
45113	Black Flame Thrower Coil, 40,000 Volts



COMPU-FIRE ELECTRONIC IGNITION SYSTEM

- Better Gas Mileage, Quicker Starts, Smoother Engine Operation
- Proven to Burn Fuel Mixture Faster Producing More Horsepower

CF11100	60,000 + Volt DIS-IX Distributorless Ignition for 009 Distributor
CF21100	Electronic Ignition Module for 009
CF21101	Electronic Ignition Module for Vacuum Advanced Distributor

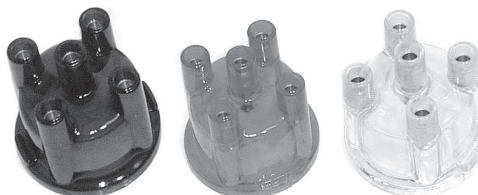


CF11100

CAL-LOOK CAP FOR BOSCH 009' DISTRIBUTOR

- Custom transparent colors
- Brass contacts for maximum output

STYLE	CLEAR	RED	BLUE
STANDARD VW	45086	45087	45088



DRESS UPS – COIL/GENERATOR/DISTRIBUTOR

- Enhance appearance of your engine by smartly outfitting those drab looking functional parts by covering them up with simple bolt on chrome dress up covers & hold down clamps

80309	Stainless Steel Coil Cover
80310	Stainless Steel Generator Cover
45075	301 Stainless Steel Alternator/Gen. T-Bolt Strap
45076	Chrome Alternator/Generator Hold Down Strap
45085	Chrome Dist Clamp



HIGH AMP ALTERNATORS FOR TYPE I (12-VOLT & INTERNAL REG.) & KIT

45070	Kit includes 45077 Alternator, backing plates, T-bolt strap & Alt. stand
45070-ECONO	Kit includes 45080 Alternator, backing plates, T-bolt strap & Alt. stand
45077	Bosch Alternator (51 AMP)
45080	AL82X 12-Volt Alternator (60 AMP)
45080-CHRM	Chrome AL82X 12-Volt Alternator (60 AMP)
45080-75	High Amp AL82X Alternator (75 AMP)
45080-75-CHRM	Chrome High Amp AL82X Alternator (75 AMP)
45095	Extreme Amp AL82X 12-Volt Alternator (95 AMP)



UNIVERSAL WIRE HARNESS KIT

- For Bug, Buggy or custom chassis applications
- Color coded insulated copper wire
- 6 position fuse box, connectors, electrical tape, a little extra wire and detailed schematic

85014	Universal Wire Harness kit
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MSD – MULTIPLE SPARK DISCHARGE – (MSD™)

Design that produces a series of sparks every firing of the spark plugs. Other ignitions produce only one spark, but MSD™ Ignitions produce multiple sparks to insure complete ignition of the air/fuel mixture in the cylinder. By reliably and completely burning this mixture, the MSD™ will give you more power, easier starting of high compression engines and reduce plug fouling

MSD – MULTIPLE SPARK DISCHARGE – (MSD™)

- NHRA & NASCAR technology for your VW engine
- High output magnetic pick up that never needs adjustment
- Sealed ball bearing shaft resists wobbling at 10,000 RPM +
- Adjustable advance using selection of 3 sets of advance springs supplied
- Mechanical advance may be 'locked-out' for race applications
- Must be used with a separate ignition control, 6A, 6AL or 7AL-2, depending on your application

8485 Billet VW Distributor

8434 Replacement Cap for MSD 8485 Billet Distributor

8467 Replacement Rotor for MSD 8485 Billet Distributor



MSD IGNITION CONTROL UNITS

6201 MSD DIGITAL 6A - 10,000 RPM & 45,000 volts – specifically designed for high-perf street or Bracket Race

6425 MSD6AL - same as MSD6A Control Unit but includes a MSD Exclusive soft-touch' Rev-Control to protect your engine from over-revving. Modules supplied for 3K, 6K, 7K & 8K RPMs other RPM modules are available separately



DENSO SPARK PLUGS FOR VW ENGINES

DN-W20FS-U

DENSO 14mm x 1/2" - SHORT

DN-W20ES-U

DENSO 14mm x 3/4" - LONG

DN-X20EP-U9

DENSO Spark plugs 12mm x 3/4"



MSD IGNITION COILS

8202 Blaster 2 - 45,000 volt maximum output (Resistor not included)

8200 Chrome Blaster 2 - 45,000 Volts (Resistor included)



Register

MSD HELI-CORE IGNITION WIRE SET

- 8mm High-Performance wire set
- Low Resistance for Maximum Voltage
- Designed to prevent "inductive crossfire"

31939 Set – MSD Heli-Core Ignition Wires - **RED**





TRANS MOUNT SERIES 70

SUPER-RED URETHANE TRANS. MOUNTS

- Injection-Molded for Rigidity, Strength and Proper fit
- Quietly Control Body, Engine and Trans. Flex / Vibration

70169 Urethane Trans Mount Kit

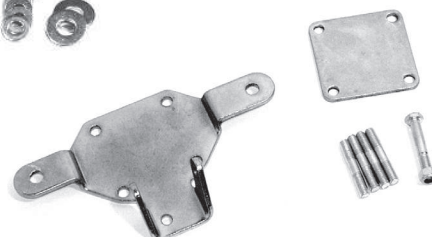
70169-LATE-NOSE 3-Bolt Nose Mount (73-)



BUS REAR MOTOR MOUNT FLANGE

- Enables Type 1 Engine To Mount To Rear Bus Hanger / Bar
- Mounts Onto Oil Pump Cover Face (4-Studs) and Bus Mustache Bar

70204 Rear Mount 68- 71 Bus and 69 & Later Type 3



SOLID THICK GAUGE STEEL TRANS. MOUNT KITS

- Reduces Wheel Hop During Hard Acceleration Caused From High Power Engines
- Adds Strength And Mount Directly to Trans. Case (61-72 Type 1) No Sandwich Mount

70020 Solid 3-Piece Kit with Hardware

70063 4-Piece Kit with Saddle and Nose Mounts along with Straps...-No Flex



PADDED TRANS. SADDLE AND STRAP MOUNT

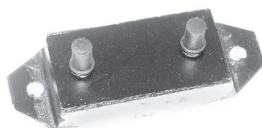
- Increase Trans. Support with Saddle Mount and Strap System
- Diminish Sound with Rubber Installation - 70169 or OEM Mounts Not Included

70021 Padded Trans. Saddle and Strap Securing Kit



TYPE 1 O.E.M. TRANS. MOUNTS

113301263 Rear Side 61-72 ea.
311301265A Front 62-65 ea.
311301265B Front 66-72 ea.
113301265E Front 73-Later ea.



SWAY BAR BUSHING/CLAMP KITS

111498101 Front 65 & Earlier
111498101A Front 66-78 Excl S/Beetle



APEX PERFORMANCE SWAY BAR KITS

70067 7/8" Type 2 Sway Bar Front (55-67)
70068 7/8" Type 2 Sway Bar Front (68-79)
70074 3/4" Sway Bar Front T1 To 65
70074L 3/4" Lowered Front To 65 Link Pin Type 1
70075 3/4" Sway Bar Front T1 STD 66-77 Ball Joint
70075L 3/4" Lowered Front 66-77 Ball Joint

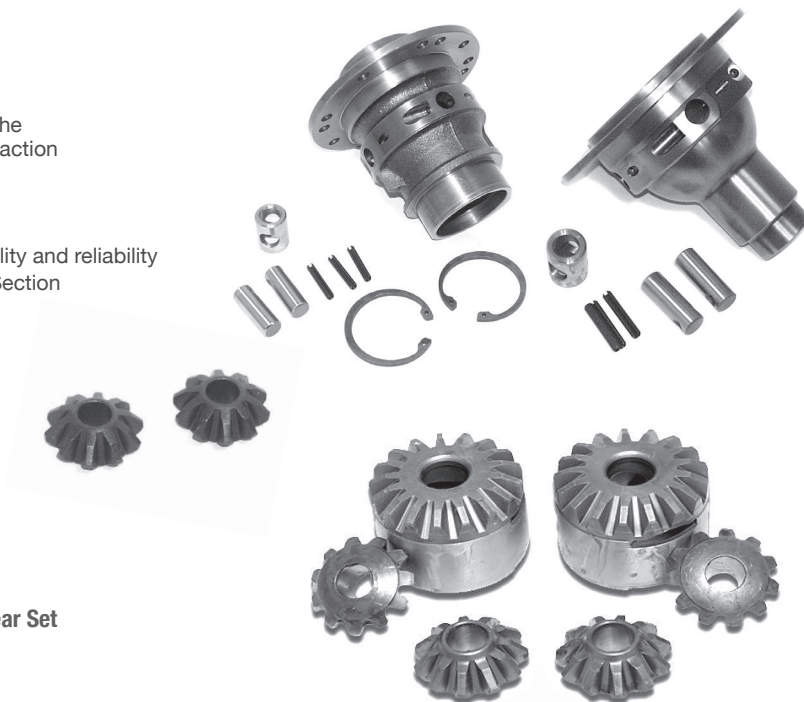


DIFFERENTIALS & GEAR SERIES 70

SCAT PERFORMANCE SWING & IRS DIFFERENTIAL ASSEMBLIES

- For use with all VW Sedan Transaxles
- Doubles the strength of your stock spider gear section with the addition of two (2) spider gears without changing differential action
- A must for drag racing or rugged off-road driving
- Perfect fit – no alterations or machining required
- Ideal for use with SCAT close Ratio Competition Gears
- Completely race proven – unsurpassed in workmanship, quality and reliability
- All Differential Assemblies Include Heavy-Duty Spider Gear Section

70099 **Swing Axle Heavy Duty Snap Ring Diff.**
70041 **IRS Super Diff – Fits '69 & Later Sedan**
70158 **11 Tooth Spider Gears, Each**
PH440 **10 Tooth Spider Gears, Each**



SWING AXLE END GEARS & 11 TOOTH SPIDER GEAR SET

- Made for Heat-Treated Gear Steel

70011 **Swing Axle End Gears & 11 Tooth Spider Gear Set**

COMPETITION ALUMINUM

- Billet 7075 – T6 Aircraft Quality Aluminum Spool
- Ready to bolt onto any Swing Axle with an 8-bolt pattern
- Weighs under seven (7) lbs
- Spool is designed to provide even traction to both rear wheels for drag racing applications

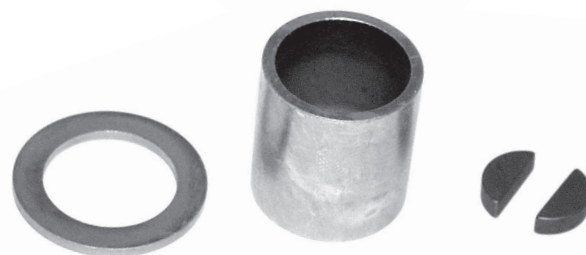
70250 **Aluminum Spool**



HEAT-TREATED 3RD & 4TH GEAR KEYS AND SPACER & WASHER KIT

- Twice the strength of stock keys
- Allows you to utilize full potential of added horsepower – ideal for all competition uses

70047 **Swing Axle Gear Key Set**
70048 **Swing Axle Spacer & Washer Kit**



CLOSE RATIO 8620 COMPETITION TRANSAXLE GEAR SETS

- A must for all performance drag racing, off-road, slalom & competition racing
- Makes close ratio gear box – lowers final drive ratio of 3rd & 4th gears
- Precision machined to replace original gears perfectly – ground to exact tolerances – heat treated hardened alloy 8620 steel
- Race proven – unsurpassed in workmanship, quality and reliability

ALL YEARS 3RD GEARS	RATIO	KEYED 61-67 4TH GEARS	RATIO	SPLINED 68-71 4TH GEARS
70013	1.48	70199	1.04	70201
70053	1.58	70014	1.14	70015
70198	1.70	70054	1.21	70056
		70095	1.31	70096
		70254	1.43	70255



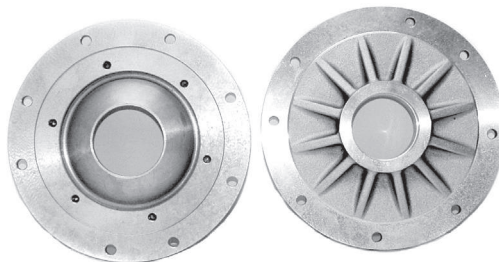


TRANSMISSION COMPONENTS SERIES 70

HIGH-IMPACT 356-T6 ALUMINUM HEAVY-DUTY SIDE COVERS

- MADE IN U.S.A. BY SCAT – STRONGEST IN INDUSTRY!
- Designed to keep ring gears engaged with pinion gears
- Helps eliminate flexing resulting in ring gear breakage

70044 Swing Axle '61 - 67
70042 IRS '68 & Later



TRANSAXLE LOCK NUT KIT

- Top quality nylon-inserted lock nuts
- Added Strength to All Swing Axle & IRS Transmissions

70139 44-Piece Transaxle Lock Nut Kit



7 ea. = 7mm x 1.0

37 ea. = 8mm x 1.25

RICHMOND, O.E.M.VW & U.S. GEAR RING & PINION GEAR SETS

- For street – strip, oval track and all off-road competitions
- Applications for Swing Axle & IRS
- Lower ratios allow use of larger rear tires for added traction

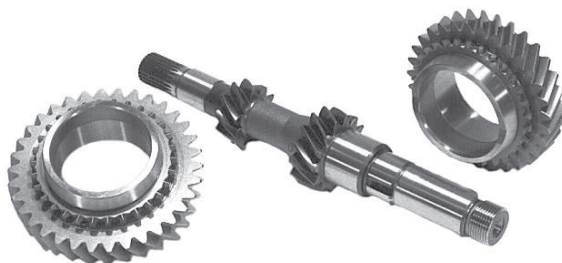
70043 4.86:1 Ratio – drag, oval, off-road
– 12 hole ring gear fits both 6- & 8-bolt carriers
70388 3.88 Ring & Pinion (Freeway Flyer)
70344 U.S. Gear 3.44 Ring & Pinion (Low R.P.M & Better Gas Mileage)
NOTE: For high torque engines only



CLOSE RATIO 1ST & 2ND MAINSHAFT ASSEMBLIES

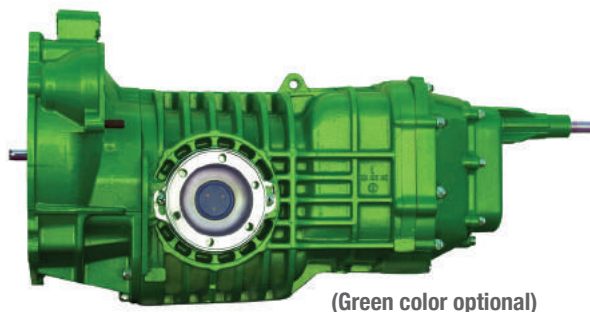
- Ratios allow higher RPM in 1st & 2nd gears for quicker starts
- For use with high-performance street, strip & off-road applications

70265 3.40 1st/2.21 2nd Mainshaft Assembly
70266 3.75 1st/2.25 2nd Mainshaft Assembly



HIGH QUALITY TYPE 2 TRANSAXLES

TA2066 6V SWING BUS (without reduction boxes) 61-66
TA2070 IRS BUS (Early Style T/O Fork) 68-70
TA2071 IRS BUS (Late Style T/O Fork No Hangers) 71
TA2075 IRS BUS (Late Style T/O Fork w/ Hangers) 72-75
TA2079 IRS BUS (091 Bell Housing) 76-79



(Green color optional)

BRAD PENN HIGH PERFORMANCE TRANSMISSION OIL

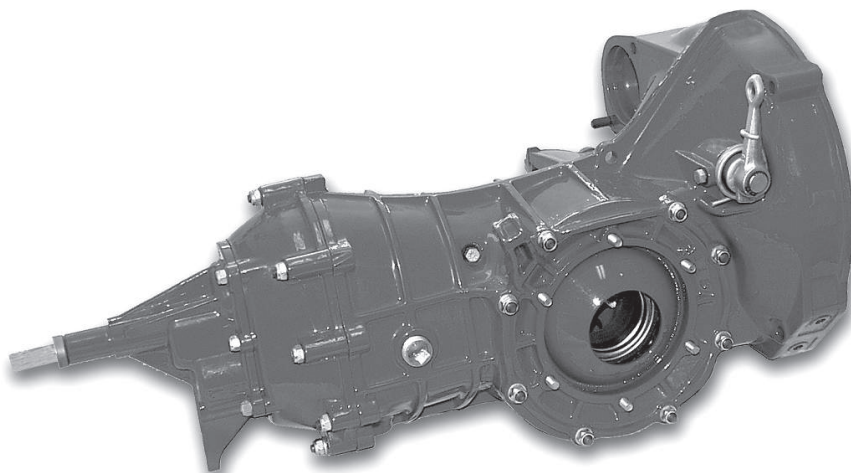
PEN-7729 Brad Penn 80W-90 Transaxle Gear Oil (1 Quart)



TYPE 1 & TYPE 3 TRANSAXLES - O.E.M. QUALITY (12 - VOLT)

TA1001	67-68 12V SWING AXLE (WITHOUT AXLES)
TA1002	67-68 12V SWING AXLE (WITH AXLES) *
TA1003	69-70 12V IRS TRANS
TA1004	71-72 12V IRS TRANS
TA1005	73-LATER 12V IRS TRANS (3-BOLT)

*Please specify Axle Length desired

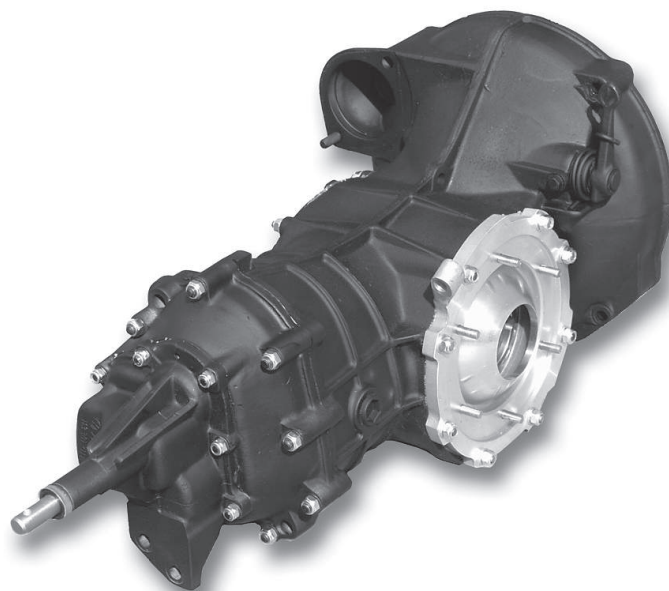


PRO STREET SWING or I.R.S.

- 4 Spider Gear Super Diff
- H/D Aluminum Side Cover
- Welded 3-4 Hubs
- Steel Shift Forks
- Hardened Keys
- Welded T/O Shaft

TA1020	PRO STREET SWING (WITHOUT AXLES)
TA1020-IRS	PRO STREET TRANS. I.R.S.
TA1021	PRO STREET SWING (WITH AXLES) *
TA1040	3.88 RING & PINION UPGRADE

*Please specify Axle Length desired



PRO COMP SWING or I.R.S

- Pro Street Features Plus Close Ratio 3-4 Gear Sets:
(1.48, 1.58, 1.70 3rds & 1.04, 1.14, 1.21, 1.31, 1.43 4ths)

TA1030	PRO COMP SWING (WITHOUT AXLES)
TA1030-IRS	PRO COMP TRANS. I.R.S.
TA1031	PRO COMP SWING (WITH AXLES) *

*Please specify Axle Length desired

PRO SAND SWING or I.R.S

- Pro Comp Features Plus Richmond Gear 4.86 Ring and Pinion

TA1050	PRO SAND SWING (WITHOUT AXLES)
TA1050-IRS	PRO SAND TRANS. I.R.S.
TA1051	PRO SAND SWING (WITH AXLES) *

*Please specify Axle Length desired

RACING I.R.S. AXLE ASSEMBLY-1 SIDE

- Made from Hardened Steel

70215	Racing I.R.S. Axle Assembly - each
-------	------------------------------------



FORGED SWAY-A-WAY SWING AXLES

2260	26-11/16" SHORT LENGTH - PAIR (61-66)
2265	27-13/16" MEDIUM LENGTH - PAIR (67)
2270	28-7/16" LONG BUS LENGTH - PAIR (68 BUG & ALL TYPE 3)

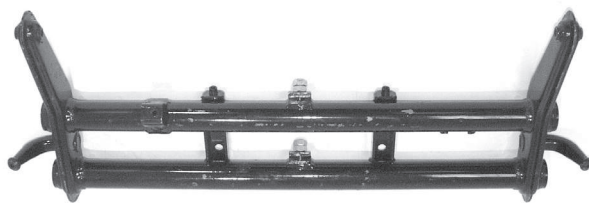


ADJUSTABLE FRONT AXLE BEAM

- Adjustable from 'low-rider' to street legal in just minutes
- Center adjusters allow you to dial in your style, ride and handling

70232 Link Pin Front Axle Beam to '65

70233 Ball Joint Front Axle Beam '66 & Later excl S/Beetle

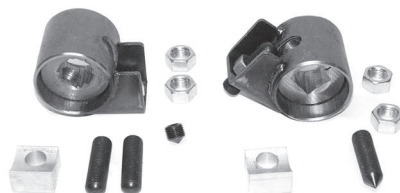


FRONT END ADJUSTERS

- Converts your Front Axle Beam from fixed to adjustable
- Adjusters are installed in upper & lower front end cross tubes
- Designed for up to 2" adjustment up or down for total 4" adjustment
- Requires cutting and welding of axle tubes

70217 Link Pin Front End Adjuster, '65 & Earlier

70218 Ball Joint Front End Adjuster, '66 & Later excl S/Beetle



CAMBER COMPENSATOR FOR VW SWING AXLES

- Improves traction, handling, safety and steering
- Easy to install with hardware and instructions supplied
- Prevents rear wheels from tucking and lifting

70071 Camber Stop Kit, Swingaxle Bugs & Bus



KYB GAS SHOCKS FOR TYPE I

343143 KYB Gas Shocks Front 66-Later (Ball Joint), Excel-G, Standard Height

343144 KYB Gas Shocks Front to 65 and Front/All Rear Excel-G

343208 KYB Gas Shocks Ball Joint Front 66-Later, Lowered

KG4521 KYB Gas-A-Just Front Shock Bus 55-79, Bus/Ghia 53-65, and All Rear 52-67

KG5530 KYB Gas-A-Just Rear Shock Bus 68-79



ADJUSTABLE COIL OVER HEAVY-DUTY SHOCKS

- Perfect for beefing up or raising rear of your Sedan, Buggy, Van or Squareback
- Shock body is painted - coil springs are chrome plated
- Quick & easy adjustments - adjusting wrench included

70164 Pair - Adjustable Coil Over Shock, All Type
1 Rear; '65 & Earlier Type 1 Front

70164B Pair - Adjustable Coil Over Shocks,
1966 & Later

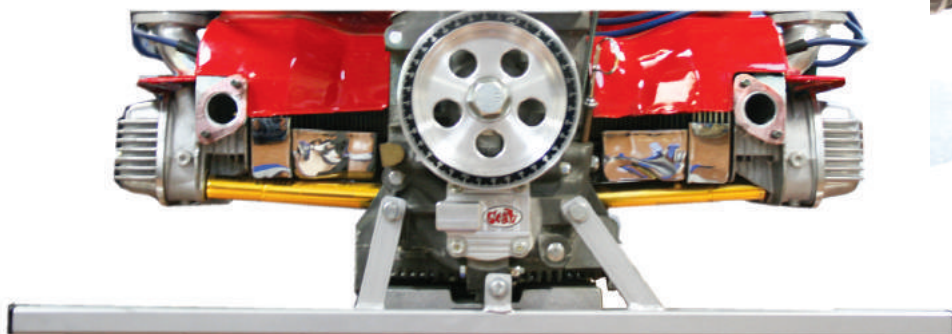
70164

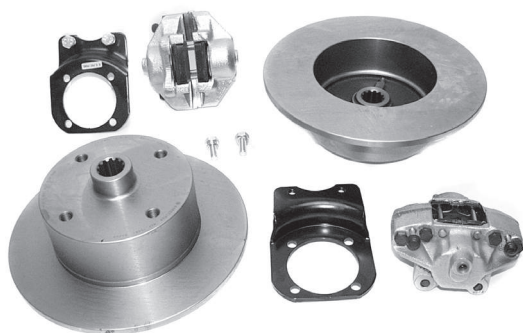
CASE-LIFT ENGINE CARRIER & TRACTION BAR - Type 1

- Extra support for heavy Aluminum engine cases - approx. 20lbs. more than OEM
- 7-point mounting = bolts directly to bus carrier case flanges and bumper support brackets
- Eliminates wheel hop, frame horn flex, engine bounce and stress on transmission case
- 10mm hanger bolts for strength and rubber donut mounts to dampen vibration / noise

702067 Case-Lift motor support Bar - Early Bug (61 - 67)

702073 Case-Lift motor support Bar - Late Bug (68 - 73)





REAR 4-LUG DISC BRAKE CONVERSION KITS - TYPE 1

- NEW Kit Includes 2 X Rear Hubs, 2 X Calipers w/Pads, 2 X Rear Brake Disc Rotors, 2 X Heavy-Duty Adapters w/Hardware

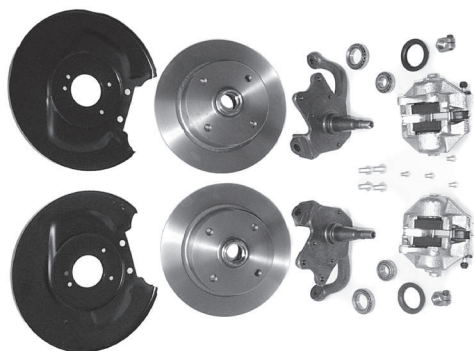
70290	Rear Disc. Brake Kit w/o Emergency Brake I.R.S.
70291	Hydraulic Park Loc Kit
70290EB	Emergency Disc Kit Swing Axle (to 66)
70296P	Small 5 Rear Disc with Emergency Brake - Porsche 911 (5 x 130)



WIDE - 5 REAR DISC BRAKE KITS

- Kit Includes: 2 rotors, 2 calipers, 2 caliper securing brackets, performance brake pads, and hardware

70295	Kit without E-Brake (to 66) Swing
70295EB	Kit with Emergency Brake (to 66) Swing
70290EB-IRS	Emergency Disc Brake Kit (68-72) I.R.S.
70290EB-PADS	E-Brake Rear Pads



FRONT DISC BRAKE CONVERSION KITS

- Upgrade braking efficiency with confidence and no hassle

70220	Ball Joint Disc Brake Conversion (4 x 130)
70293P	Porsche Front Disc, Ball Joint Brake Kit (5 x 130)
70299	Front Disc Brake Kit for Super Beetle (4 x 130)
70220-PADS	2-Pin Front & Rear W/O E-Brake Pads



WIDE - 5 FRONT DISC BRAKE KITS (15" RIM)

70293	Wide - 5 Front Disc Brake Kit Ball Joint
70297	Wide - 5 Link Pin Front Disc Brake Kit - Early
1131611015BD	Master Cylinder '67 and Later
70293-PADS	Brake Pads Front Wide - 5



CHROME ACORN STYLE VW LUG BOLTS

70251	Chrome Acorn Style Lug Bolts, 12mm X 1.5mm, 5-Piece Set
70252	Chrome Acorn Style Lug Bolts, 14mm X 1.5mm, 4-Piece Set



CHROME EMERGENCY BRAKE HANDLE TYPE - 1

80218	Chrome Emergency Handle 56-79 Beetle
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DRAG-FAST SHIFTERS & CUSTOM ACCESSORIES

SCAT'S EXCLUSIVE, PATENTED DRAG-FAST® DUAL-T® 4-SPEED CHROME SHIFTERS

- The Original Dual-T™ Handle VW Shifter
- 4 models offered – VW, Sedans, Bus/Transporters
- Contoured finger grip chrome plated cast aluminum T-Shift Handle
- The quickest & most accurate VW shifter made – no more wandering to locate gear
- Separate T-Handle reverse stick for a full mechanical reverse lock out
- All critical wear parts are heat treated
- Custom draw-string black vinyl shift boot
- Simple bolt-on installations using a 13mm wrench

80500	Straight Handle '68 & Later Type 1 & all Type 3
80501	Angle Handle '67 & Earlier Type 1 & all Ghias
80502	Angle Handle '62 - 67 Bus/Transporter
80503	Angle Handle '68 & Later Bus/Transporter
80268S30	Replacement Chrome Die-Cast T-Handle

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STAINLESS LOUVERED & O.E. VW RUNNING BOARDS - TYPE I

- Mounts in same location with new installation hardware included
- Stainless steel construction eliminates all problems of rust

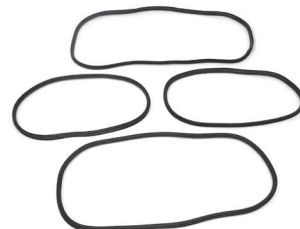
80241 **Stainless Steel Louvered Running Boards, 2-Piece Set**
113898505 **Genuine VW Running Board - pair**



CAL-LOOK WINDOW RUBBER KITS - TYPE I

- Includes front windshield, rear window & rear quarter window rubbers

80292 **Kit - '58 - 64** **80294** **Kit - '72 - 79**
80293 **Kit - '65 - 71** **80295** **Kit - '73 - 79 Super Beetle**



VW BODY GASKET KIT - TYPE - 1

- Includes license lamp, tail lamps, turn signal lamps, door handles, trunk handles & bumper supports

80183 **'55 - 66 Sedan**
80205 **'68 & Later Sedan**



DECK LID STAND-OFFS - VW TYPE 1

- Cast aluminum brackets are installed between rear deck lid and stock hinge

80166 **Pair - Deck Lid Stand-Offs, fits all Beetles**



CHROME VW DOOR HANDLE & WINDOW CRANKS

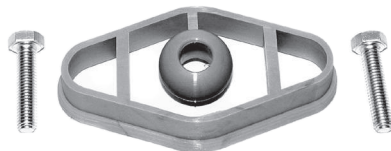
80010 **Door Handle - All Early Type 1 & Ghia - pair**
80011 **Window Crank - '67 & Earlier Type 1 - pair**
80046 **Window Crank - '68 & Later Type 1 - pair**



VW QUICK SHIFT

- Shortens the throw of stock VW shifter

80015 **VW Quick Shift - fits all Type 1 VW**



SCAT VW APPAREL

NEW



50 YRS T-SHIRT

95050-M
95050-L
95050-XL
95050-XXL



50 YRS CREWNECK

95055-M
95055-L
95055-XL
95055-XXL



TURN KEY T-SHIRT

95036-M
95036-L
95036-XL
95036XXL



SCAT HAT

95076



V437 050



V437 202

VDO SPEEDOMETERS

Programmable electronic speedos - with trip odometers!

- V437 050** Electronic, 12V, 3-1/8" Dia., Cockpit, 120 MPH
- V437 052** Electronic, 12V, 3-3/8" Dia., Cockpit, 120 MPH
- V437 053** Electronic, 12V, 3-3/8" Dia., Cockpit, 160 MPH
- V437 750** Electronic, 12V, 3-1/8" Dia., Royale 120 MPH
- V437 752** Electronic, 12V, 3-3/8" Dia., Royale 120 MPH
- V340 020** Magnetic Speedo Pickup Sender, 2" Long
- V437 201** Cockpit Electronic Speedometer 120 MPH 3-1/8", White Face
- V437 202** Cockpit Electronic Speedometer 120 MPH 3-3/8", White Face



V310 012



V240 850

VDO TEMPERATURE GAUGES

Electrical, 2-1/16" diameter

- V310 012** 300°F, Oil, Cockpit, Black Face
- V310 039** 250°F, Water, Cockpit, Black Face
- V310 709** 300°F, Oil, Royale
- V310 710** 250°F, Water, Royale
- V240 026** Push-On 3 Prong Connector
- V240 850** "T" Adapter, VW Male M10x1
- V323 055** Sender, 300°F, M14x1.5
- V323 057** Sender, 300°F, 1/8-27 NPT
- V323 058** Sender, 300°F, 1/4-18 NPT
- V323 064** Sender, 300°F, M18x1.5 (Oil Relf. Plug)
- V323 088** Sender, 250°F, M10x1
- V323 095** Sender, 250°F/120°C, 1-1/8-27 NPT
- V323 701** Cylinder Head Temp Sender, 14mm Plug



V333 707



V333 959



V333 990

VDO TACHOMETERS

Transistorized, ignition hookup.

- V333 051** 7,000 RPM, 4-6-8 Cyl., 3-1/8" Dia., Cockpit, Black Face
- V333 055** 7,000 RPM, 4-6-8 Cyl., 3-3/8" Dia., Cockpit, Black Face
- V333 707** 7,000 RPM, 4-6-8 Cyl., 3-1/8" Dia., Royale
- V333 708** 7,000 RPM, 4-6-8 Cyl., 3-3/8" Dia., Royale
- V333 255** 7,000 RPM, 4-6-8 Cyl., 3-3/8" Dia., White Face
- V333 959** 8,000 RPM, 4 Cylinders, 2-1/16" Dia., Cockpit, Black Face

NEW

GAUGES



VDO PRESSURE GAUGES

Electrical & Mechanical 2-1/16" diameter

- V350 040** Electrical 80 PSI, Oil, Cockpit, Black Face
- V350 041** Electrical 50 PSI, Oil, Cockpit, Black Face
- V350 240** Electrical 80 PSI, Oil, Cockpit, White Face
- V350 702** Electrical 80 PSI, Oil, Royale
- V240 026** Push-On 3 Prong Connector
- V150 030** Mechanical 100 PSI, Oil, Cockpit, Black Face
- V150 851** Tubing Kit, 6'
- V150 855** Tubing Kit, 16'
- V240 850** "T" Adapter, VW Male M10x1
- V360 001** Sender, 0-80 PSI, M10x1, Single
- V360 006** Sender, 0-80 PSI/7.0 PSI, M10x1, Dual
- V360 009** Sender, 0-80 PSI/7.0 PSI, 1/8-27 NPT, Dual
- V360 015** Sender, 0-150 PSI, M10x1, Single
- V360 023** Sender, 0-150 PSI/7.0 PSI, M10x1, Dual



V350 040



V350 240



V350 702



V360 001

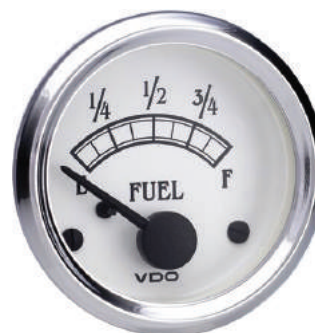


V360 006

VDO FUEL GAUGES

Electrical, 2-1/16" diameter

- V301 015** For VDO Sender #226 001, Cockpit, Black Face
- V301 216** For VDO Sender #226 001, Cockpit, White Face
- V301 020** For VDO Sender #221 012 or Bug OEM, Cockpit Black Face
- V301 733** For VDO Sender #226 001, Royale
- V240 026** Push-on 3 Prong Connector
- V226 001** Fuel Tank Sender Universal (Must be Calibrated)
- V221 012** Fuel Tank Sender OEM Style '69 & Later (Not Superbeetle)
- V226 451** Flange, Gasket & Hardware Only



V301 733



V221 012

VDO AMMETER GAUGES

Various AMP gauges, 2-1/16" diameter

- V190 903** 30 AMP, Cockpit
- V240 021** Wiring kit for Ammeter



V332 041



V332 241

VDO VOLTOMETER GAUGES

12 volt, 2-1/16" diameter

V332 041 12V, 8-16, Cockpit, Black Face

V332 241 12V, 8-16, Cockpit, White Face



V150 206

VDO TURBO BOOST GAUGES

Mechanical 2-1/16" diameter, 1/8-27 NPT connection.

V150 206 Turb Gauge, Mech 2-1/16" Dia., White Face

V150 851 Tubing Kit, 6'

V150 855 Tubing Kit, 16'



V153 002



V153 003

VDO DIRECT MOUNT GAUGES

Direct-to-engine mounting, chrome 1-1/2" dia. housing, mechanical

V153 002 Direct Mount 15 PSI, 1/8"-27 NPT

V153 003 Direct Mount 100 PSI, 1/8"-27 NPT

NEW

GAUGES & ACCESSORIES

VDO MOUNTING ACCESSORIES

Metal panels can be bent permitting the bracket to be secured at the best angle for readability and appearance. ABS consoles surface mount and are angled towards the driver.

- V240 027** 2-1/16" Opening, 3-1/4" x 9/16" x 3-1/8" 1 Hole
- V240 028** 3-1/16" Opening, 3-1/4" x 9/16" x 6" 2 Hole
- V240 029** 4-1/16" Opening, 3-1/4" x 9/16" x 9" 3 Hole



V240 027



V240 028



V240 029

VDO SAFETY MOUNTING BRACKETS

Safety mounting brackets are made of a flexible, rubber-like material for safety. For 2 1/16" diameter.

- V240 802** 2-1/16" Opening, 3-3/8" x 1-1/4" x 2-1/2", 1 Hole
- V240 803** 2-1/16" Opening, 3-3/8" x 1-1/4" x 4-7/8", 2 Hole
- V240 804** 2-1/16" Opening, 3-3/8" x 1-1/4" x 7-1/2", 3 Hole



V240 802



V240 803



V240 804

VDO BLIND COVERS

Blind cover is a push-in self-locking ABS with matte black finish and raised bezel profile.

- V240 005** Dimmer Ring for 2-1/16" Gauge, Pair
- V240 864** Blind cover for Unused Hole, 2-1/16" Dia.



V240 005

VDO MOUNTING CLIPS

These ABS mounting Cups are finished with matte black, while the ring mount is black finished steel.

- V240 101** Mounting Cup, 2-1/16" Dia. (Long Version)

VDO REPLACEMENT PARTS

Replacement bulbs and sockets for VDO instruments.

- V600 802** Type A Bulb, 9/32" 12V/2W - 4 ea.
- V600 804** Type B Bulb, 11/32" 12V/2W - 4 ea.
- V600 809** Type D Bulb, Peanut 12V/1.2W - 4 ea.
- V600 813** Insulated 3/8" Bulb Socket, Type A
- V600 816** Light Bulb Socket, For Type A
- V600 853** Type A, 9/32", Light Diffuser, Red
- V600 856** Type A, 9/32", Light Diffuser, Green
- V600 857** Type B, 11/32", Light Diffuser, Red
- V600 859** Type D, Peanut, Light Diffuser, Red
- V600 860** Type D, Peanut, Light Diffuser, Green



V600 802



V600 809



BUG & BUGGY ACCESSORIES

Type 1 Bug Roof Rack with Quality Wood Slats & Steel Frame

- Designed for Beauty, Strength and a Perfect Fit
- Great for Surf Trips, Camping, Car Shows, Moving
- Easy to assemble with stainless steel hardware

85017 Powder Coated Grey with Wood Slats

85018 Stainless Steel Frame with Wood Slats

NEW



85017

CHROME PULLEY & BELT GUARD

- A safety must for all applications where engine is exposed!

85002 Chrome Pulley Guard – Diamond Mesh Pattern



CHROME 7 “HEADLIGHT HOUSINGS”

- Lights can be mounted horizontally or vertically
- Ideal for any Buggy, Baja Bug or Street Rod
- Housing is 4” deep – all wires pass through stem

85026 Pair – Chrome Headlight Housing



CUSTOM VW STEEL TOW BARS

- Tow bar clamps to front torsion tube with ‘L’ pins included
- Designed for use with 2” ball – coupler is rated @ 3500 LBS
- Tow bar must be used with safety chain

85009 Tow Bar for Standard Bug Front End



DASH-TRAY PARCEL SHELF - TYPE 1

- Sturdy and form fitting frame mounts under the Bug dashboard
- Provides extra in-reach storage space for your stuff

85023 Bamboo Dash-Tray parcel shelf – Bug

85024 Metal Dash-Tray parcel shelf – Bug



VINYL SPARE TIRE COVER & TOOL BAG

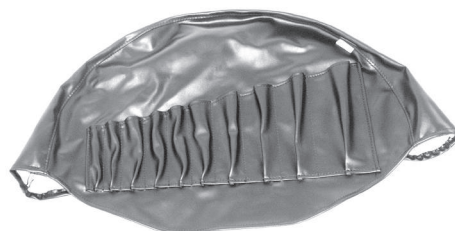
- Slips over spare tire – designed for tool storage

80-7000-51 Black Vinyl

80-7000-53 White Vinyl

80-7000-52 Grey Vinyl

80-7000-54 Beige Vinyl



3-PIECE LOUVERED STAINLESS FIREWALL SET

80289

Louvered 3-Piece Firewall Kit

EARLY O.E.M. HEADLIGHT HOUSINGS & TAIL LAMPS

111945095

Tail-light LT. Assembly Type

1 to '66

111945096

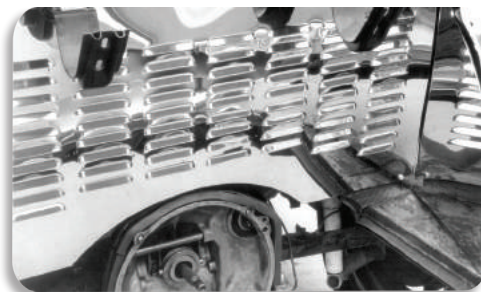
Tail-light RT. Assembly Type

1 to '66

111941037C

Headlight Assembly Type 1

to '66



SLIP - ON ACCELERATOR, BRAKE & CLUTCH COVERS

80130

Set - Custom Pedal Pads Type I Beetle

80138

Set - VW Rabbit/GTI/GOLF/SCIROCCO



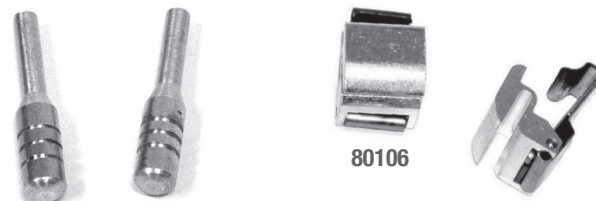
BILLET ANTI-THEFT DOOR LOCK PULLS

80009

Pair - Billet Aluminum 6061 Door Pulls

80106

Pair - SCAT VW Vent Window Lock fits '72 & Earlier



CHROME STEEL BUMPER T-BARS

80170

Pair - '67 & Earlier Type 1

80171

Pair - '68 & Later Type 1



TYPE I CHROME SIDE & INSIDE MIRRORS

80105-L

LEFT SIDE MIRROR - TO '67

80105-R

RIGHT SIDE MIRROR - TO '67

801511P

INSIDE CENTER MIRROR - TO '67

801513D

UNIVERSAL SIDE MIRROR - '68 & LATER



CHROME DOOR HANDLES W. 2-PRECU T KEYS

113898205C

1960-1964

113898205D

1965-1966

113898205M

1968 & ON



HUMP BASKET & CUP HOLDER

- Wire storage basket sits over center tunnel of Beetles, Karmen Ghias & Type-3 VWs.

85033-BLK Black

85033-WHT White

85033-CHRM Chrome



PROCAR
by *Scat*

VW CUSTOM
INTERIOR
SYSTEMS
EXCLUSIVELY OFFERED BY SCAT



PRO - 90 SHOWN
FOR COMPLETE LINE-UP
REFER TO PAGES 71-72

*THESE PARTS SOLD SEPARATELY



**CUSTOM
CENTER CONSOLE**



**REAR SEAT
SPEAKER SHELF**



**DRAG FAST
SHIFTERS**

ELITE, RALLY & PRO90 SEAT & ADAPTERS

RALLY -1000

LEFT	RIGHT	DESCRIPTION COLOR/MATERIAL
80-1000-51L	80-1000-51R	BLACK VINYL
80-1000-21L	80-1000-21R	BLACK LEATHER
80-1000-52L	80-1000-52R	GREY VINYL
80-1000-53L	80-1000-53R	WHITE VINYL
80-1000-54L	80-1000-54R	BEIGE VINYL
80-1000-56L	80-1000-56R	MAROON VINYL
80-1000-58L	80-1000-58R	RED VINYL
80-1000-59L	80-1000-59R	BLUE VINYL
80-1000-61L	80-1000-61R	BLACK VELOUR
80-1000-62L	80-1000-62R	GREY VELOUR



80-1000-51
SHOWN

ELITE- 1100

LEFT	RIGHT
80-1100-51L	80-1100-51R
80-1100-21L	80-1100-21R
80-1100-52L	80-1100-52R
80-1100-53L	80-1100-53R
80-1100-54L	80-1100-54R
80-1100-56L	80-1100-56R
80-1100-58L	80-1100-58R
80-1100-59L	80-1100-59R
80-1100-61L	80-1100-61R
80-1100-62L	80-1100-62R



80-1100-62
SHOWN

PROCAR

by *Scat*

Custom Look

ALUMINUM LEVER REPLACEMENT COVER

Fits Elite SEATS

- 80-9030-ALM-L Polished Aluminum Left
- 80-9030-ALM-R Polished Aluminum Right
- 80-9030-BLK-L Black Aluminum Left
- 80-9030-BLK-R Black Aluminum Right

Fits Rally, PRO90 & SPORT SEATS

- 80-9031-ALM-L Polished Aluminum Left
- 80-9031-ALM-R Polished Aluminum Right
- 80-9031-BLK-L Black Aluminum Left
- 80-9031-BLK-R Black Aluminum Right



NEW

LOWBACK -1400

LEFT	RIGHT	DESCRIPTION COLOR/MATERIAL
80-1400-51L	80-1400-51R	BLACK VINYL
80-1400-21L	80-1400-21R	BLACK LEATHER
80-1400-52L	80-1400-52R	GREY VINYL
80-1400-53L	80-1400-53R	WHITE VINYL
80-1400-54L	80-1400-54R	BEIGE VINYL
80-1400-56L	80-1400-56R	MAROON VINYL
80-1400-58L	80-1400-58R	RED VINYL
80-1400-61L	80-1400-61R	BLACK VELOUR
80-1400-62L	80-1400-62R	GREY VELOUR
80-1400-90L	80-1400-90R	BLACK VIN/RED VEL
80-1400-99L	80-1400-99R	BARE UNCOVERED



80-1300-51
SHOWN

PRO-90 - 1300

LEFT	RIGHT
80-1300-51L	80-1300-51R
80-1300-21L	80-1300-21R
80-1300-52L	80-1300-52R
80-1300-53L	80-1300-53R
80-1300-54L	80-1300-54R
80-1300-56L	80-1300-56R
80-1300-58L	80-1300-58R
80-1300-61L	80-1300-61R
80-1300-62L	80-1300-62R
80-1300-90L	80-1300-90R
80-1300-99L	80-1300-99R



80-1400-90
SHOWN

HOW DO THEY MOUNT ?

Seats include sliders, however require mounting adapters for a Bolt-On installation- see PG. 74

EVOLUTION-1620



80-1616-58
SHOWN

DESCRIPTION LEFT COLOR/MATERIAL RIGHT

80-1616-51L	BLACK VINYL	80-1616-51R
80-1616-52L	GREY VINYL	80-1616-52R
80-1616-55L	YELLOW VINYL	80-1616-55R
80-1616-57L	IVORY VINYL	80-1616-57R
80-1616-58L	RED VINYL	80-1616-58R
80-1616-59L	BLUE VINYL	80-1616-59R

COLOR/MATERIAL AREA OF
SEAT

PROCAR

by *Scat*

CLASSIC-1500



80-1500-51
SHOWN

DESCRIPTION LEFT COLOR/MATERIAL RIGHT

80-1500-51L	BLACK VINYL	80-1500-51R
80-1500-51L-LEATHER	BLACK LEATHER	80-1500-51L-LEATHER
80-1500-52L	GREY VINYL	80-1500-52R
80-1500-53L	WHITE VINYL	80-1500-53R
80-1500-54L	BEIGE VINYL	80-1500-54R
80-1500-61L	BLACK VELOUR	80-1500-61R
80-1500-62L	GREY VELOUR	80-1500-62L
80-1500-99L	BARE UNCOVERED	80-1500-99R

Available without Headrest

TERRAIN -1620

PART NO. DESCRIPTION COLOR/MATERIAL

80-1620-51	BLACK VINYL
80-1620-55	BLACK VINYL/YELLOW VINYL
80-1620-57	BLACK VINYL/IVORY VINYL
80-1620-58	BLACK VINYL/RED VINYL
80-1620-59	BLACK VINYL/BLUE VINYL
80-1620-61	BLACK VELOUR
80-1620-62	GREY VELOUR
80-1620-64	RED VELOUR
80-1620-65	BLUE VELOUR
80-1620-68	BROWN VELOUR
80-1620-61C	BLACK CANVAS
80-1620-64C	RED CANVAS
80-1620-94C	ARMY GREEN CANVAS



80-1620-62
SHOWN

SPORTSMAN PRO - 1615

PART NO. DESCRIPTION COLOR/MATERIAL

80-1615-51	BLACK VINYL
80-1615-57	IVORY VINYL
80-1615-58	RED VINYL
80-1615-94	CAMO
80-1615-71	BLACK VELOUR/BLACK VINYL
80-1615-73	GREY VELOUR/BLACK VINYL
80-1615-90	RED VELOUR/BLACK VINYL
80-1615-65	BLUE VELOUR/BLACK VINYL



80-1615-51
SHOWN

CROW 5-WAY RACE SEAT BELTS

- Wide Latch and Link Race Seat Belts
- SFI Approved, Pull Down Adjustment.

80-11003 BLUE
80-11004 BLACK
80-11002 RED



PRO-90 & LOWBACK SERIES - KITS



PROCAR

by *Scat*

- The *ULTIMATE* VW Bolt-in Interiors
- Complete kits unsurpassed in workmanship, quality & value
- For all Type 1 VW & Ghia Sedan & Convertible
- Color and material coordinated to match Rally, Elite, Pro-90 and our new Magnum & LowBack Series of custom recliners
- Custom 4-Piece Door Panels include map-pockets, door pulls and panel backing is pre-drilled to match holes in door for ease of installation with hardware provided



PRO-90 SERIES

PART# DESCRIPTION

SEDAN

80-1301-51	Black Vinyl, Sedan
80-1301-52	Grey Vinyl, Sedan
80-1301-53	White Vinyl, Sedan
80-1301-54	Beige Vinyl, Sedan
80-1301-61	Black Velour, Sedan
80-1301-62	Grey Velour, Sedan
80-1301-71	Black Vinyl/Black Velour Combination, Sedan
80-1301-72	Grey Vinyl/Grey Velour Combination, Sedan
80-1301-73	Black Vinyl/Grey Velour Combination, Sedan
80-1301-74	Grey Vinyl/Black Velour Combination, Sedan

CONVERTIBLE

80-1302-51	Black Vinyl, Convertible
80-1302-52	Grey Vinyl, Convertible
80-1302-53	White Vinyl, Convertible
80-1302-54	Beige Vinyl, Convertible
80-1302-61	Black Velour, Convertible
80-1302-62	Grey Velour, Convertible
80-1302-71	Black Vinyl/Black Velour Combination, Convertible
80-1302-72	Grey Vinyl/Grey Velour Combination, Convertible
80-1302-73	Black Vinyl/Grey Velour Combination, Convertible
80-1302-74	Grey Vinyl/Black Velour Combination, Convertible

KARMEN GHIA

80-1303-51	Black Vinyl, Karmen Ghia
80-1303-52	Grey Vinyl, Karmen Ghia
80-1303-53	White Vinyl, Karmen Ghia
80-1303-54	Beige Vinyl, Karmen Ghia
80-1303-61	Black Velour, Karmen Ghia
80-1303-62	Grey Velour, Karmen Ghia
80-1303-71	Black Vinyl/Black Velour Combination, Karmen Ghia
80-1303-72	Grey Vinyl/Grey Velour Combination, Karmen Ghia
80-1303-73	Black Vinyl/Grey Velour Combination, Karmen Ghia
80-1303-74	Grey Vinyl/Black Velour Combination, Karmen Ghia

LOWBACK SERIES

PART# DESCRIPTION

SEDAN

80-1401-51	Black Vinyl, Sedan
80-1401-52	Grey Vinyl, Sedan
80-1401-53	White Vinyl, Sedan
80-1401-54	Beige Vinyl, Sedan
80-1401-61	Black Velour, Sedan
80-1401-62	Grey Velour, Sedan
80-1401-71	Black Vinyl/Black Velour Combination, Sedan
80-1401-72	Grey Vinyl/Grey Velour Combination, Sedan
80-1401-73	Black Vinyl/Grey Velour Combination, Sedan
80-1401-74	Grey Vinyl/Black Velour Combination, Sedan

CONVERTIBLE

80-1402-51	Black Vinyl, Convertible
80-1402-52	Grey Vinyl, Convertible
80-1402-53	White Vinyl, Convertible
80-1402-54	Beige Vinyl, Convertible
80-1402-61	Black Velour, Convertible
80-1402-62	Grey Velour, Convertible
80-1402-71	Black Vinyl/Black Velour Combination, Convertible
80-1402-72	Grey Vinyl/Grey Velour Combination, Convertible
80-1402-73	Black Vinyl/Grey Velour Combination, Convertible
80-1402-74	Grey Vinyl/Black Velour Combination, Convertible

KARMEN GHIA

80-1403-51	Black Vinyl, Karmen Ghia
80-1403-52	Grey Vinyl, Karmen Ghia
80-1403-53	White Vinyl, Karmen Ghia
80-1403-54	Beige Vinyl, Karmen Ghia
80-1403-61	Black Velour, Karmen Ghia
80-1403-62	Grey Velour, Karmen Ghia
80-1403-71	Black Vinyl/Black Velour Combination, Karmen Ghia
80-1403-72	Grey Vinyl/Grey Velour Combination, Karmen Ghia
80-1403-73	Black Vinyl/Grey Velour Combination, Karmen Ghia
80-1403-74	Grey Vinyl/Black Velour Combination, Karmen Ghia

RALLY & ELITE SERIES - KITS



- Custom Slip-On Rear Seat Cover with drawstring tie downs coordinated to match front seats in color, pattern & material
- Rear Seat Cover designed for VW & KG Sedans may be installed on convertibles with slight modifications
- Optional Rear Speaker Tray & Steering Wheels available



RALLY SERIES

PART# DESCRIPTION

SEDAN

80-1001-51	Black Vinyl, Sedan
80-1001-52	Grey Vinyl, Sedan
80-1001-53	White Vinyl, Sedan
80-1001-54	Beige Vinyl, Sedan
80-1001-61	Black Velour, Sedan
80-1001-62	Grey Velour, Sedan
80-1001-71	Black Vinyl/Black Velour Combination, Sedan
80-1001-72	Grey Vinyl/Grey Velour Combination, Sedan
80-1001-73	Black Vinyl/Grey Velour Combination, Sedan
80-1001-74	Grey Vinyl/Black Velour Combination, Sedan

CONVERTIBLE

80-1002-51	Black Vinyl, Convertible
80-1002-52	Grey Vinyl, Convertible
80-1002-53	White Vinyl, Convertible
80-1002-54	Beige Vinyl, Convertible
80-1002-61	Black Velour, Convertible
80-1002-62	Grey Velour, Convertible
80-1002-71	Black Vinyl/Black Velour Combination, Convertible
80-1002-72	Grey Vinyl/Grey Velour Combination, Convertible
80-1002-73	Black Vinyl/Grey Velour Combination, Convertible
80-1002-74	Grey Vinyl/Black Velour Combination, Convertible

KARMEN GHIA

80-1003-51	Black Vinyl, Karmen Ghia
80-1003-52	Grey Vinyl, Karmen Ghia
80-1003-53	White Vinyl, Karmen Ghia
80-1003-54	Beige Vinyl, Karmen Ghia
80-1003-61	Black Velour, Karmen Ghia
80-1003-62	Grey Velour, Karmen Ghia
80-1003-71	Black Vinyl/Black Velour Combination, Karmen Ghia
80-1003-72	Grey Vinyl/Grey Velour Combination, Karmen Ghia
80-1003-73	Black Vinyl/Grey Velour Combination, Karmen Ghia
80-1003-74	Grey Vinyl/Black Velour Combination, Karmen Ghia

ELITE SERIES

PART# DESCRIPTION

SEDAN

80-1101-51	Black Vinyl, Sedan
80-1101-52	Grey Vinyl, Sedan
80-1101-53	White Vinyl, Sedan
80-1101-54	Beige Vinyl, Sedan
80-1101-61	Black Velour, Sedan
80-1101-62	Grey Velour, Sedan
80-1101-71	Black Vinyl/Black Velour Combination, Sedan
80-1101-72	Grey Vinyl/Grey Velour Combination, Sedan
80-1101-73	Black Vinyl/Grey Velour Combination, Sedan
80-1101-74	Grey Vinyl/Black Velour Combination, Sedan

CONVERTIBLE

80-1102-51	Black Vinyl, Convertible
80-1102-52	Grey Vinyl, Convertible
80-1102-53	White Vinyl, Convertible
80-1102-54	Beige Vinyl, Convertible
80-1102-61	Black Velour, Convertible
80-1102-62	Grey Velour, Convertible
80-1102-71	Black Vinyl/Black Velour Combination, Convertible
80-1102-72	Grey Vinyl/Grey Velour Combination, Convertible
80-1102-73	Black Vinyl/Grey Velour Combination, Convertible
80-1102-74	Grey Vinyl/Black Velour Combination, Convertible

KARMEN GHIA

80-1103-51	Black Vinyl, Karmen Ghia
80-1103-52	Grey Vinyl, Karmen Ghia
80-1103-53	White Vinyl, Karmen Ghia
80-1103-54	Beige Vinyl, Karmen Ghia
80-1103-61	Black Velour, Karmen Ghia
80-1103-62	Grey Velour, Karmen Ghia
80-1103-71	Black Vinyl/Black Velour Combination, Karmen Ghia
80-1103-72	Grey Vinyl/Grey Velour Combination, Karmen Ghia
80-1103-73	Black Vinyl/Grey Velour Combination, Karmen Ghia
80-1103-74	Grey Vinyl/Black Velour Combination, Karmen Ghia

INTERIOR ACCESSORIES

SCAT/PROCAR VW INTERIOR COMPONENTS CUSTOM DOOR & REAR QUARTER PANELS

- Pre-punched panels that match stock body panel holes for ease of installation and precise fit
- Door Pulls plus panel installation clips included – no additional parts to buy or source
- Map Pockets designed into each door panel
- Panels are padded and sewn for that custom look – no stock looking heat seals
- Top quality Automotive Grade Velour Fabric or Vinyls that look and feel like Leather
- Available in black, grey & white vinyl and black & grey velour

TYPE 1	SEDAN 4-PIECE SET	K/GHIA SEDAN 4-PIECE SET
'58-64	80-2010	'56-64 80-2210
'65-66	80-2020	'65-76 80-2220
'67-77	80-2030	

TYPE 1	CONVERTIBLE 4-PIECE SET	K/GHIA CONVERTIBLE 2-PIECE SET
'58-64	80-2110	56-64 80-2310
'65-66	80-2115	'65-76 80-2320
'67-77	80-2120	



CUSTOM VW CENTER CONSOLES

- Hideaway radio or cassette compartment
- Side panel pre-punched for 4" diameter speaker
- Available with or without tunnel tray and shift boot
- Models to fit Type 1 & K/Ghia – Sedan & Convertibles
- Color & material coordinated to match all SCAT/PROCAR Interiors
- Available in black, grey & white vinyl and black & grey velour

T1 – '67 w/ Boot	80-4000
T1 – '65-67 w/o Boot	80-4100
T1 – '68+ Std. w/Boot	80-4200
T1 S/B '71-72 w/Boot	80-4300
T1 S/B '73+ w/Boot	80-4400
K/Ghia All w/Boot	80-4500



CUSTOM SLIP-ON REAR SEAT COVERS

- Easy slip-on installation with drawstring tie downs
- Available with stitching to match all SCAT/PROCAR Interiors
- Color & material coordinated to match all SCAT/PROCAR Interiors
- Models to fit Type 1 and K/Ghia – Sedan & Convertibles
- Available in black, grey & white vinyl and black & grey velour

	RALLY	ELITE
Sedan	80-3000	80-3500
Convertible	80-3100	80-3600
Karma Ghia	80-3200	80-3700



SCAT/PROCAR REAR SEAT/SPEAKER SHELF

- Shelf may also be used to mount rear speakers
- Shelves are covered with top quality Automotive Grade Velour or Vinyls that look and feel like leather
- Color, stitching and material coordinated to match all SCAT/PROCAR Recliners & Interiors
- One model fits all Type 1 Beetle Sedan and Super Beetle
- Available in black, grey & white vinyl and black & grey velour

Rally Style = 80-5000 Elite Style = 80-5100



DELUXE SHOW CAR QUALITY CARPET KITS

- Edges are bound with matching material & all kits include driver heel foot rest in rubber
- Available in Black Cut Pile or O.E.M. Salt & Pepper Grey Loop Pile
- Special order colors = Brown, Tan, Light Blue, Navy Blue and Slate Grey

7-PIECE DELUXE CARPET KITS

(firewall, kick panels, side rails, front & rear floor areas)

STANDARD VW BEETLE

COLOR	YEAR	SEDAN	CABRIOLET
Black	'58-68	91013A	91031A
Grey	'58-68	91013C	91031C
Black	'69-72	91018A	91033A(69-70)
Grey	'69-72	91018C	91033C(69-70)
Black	'73-78	91027A	
Grey	'73-78	91027C	

SUPER BEETLE

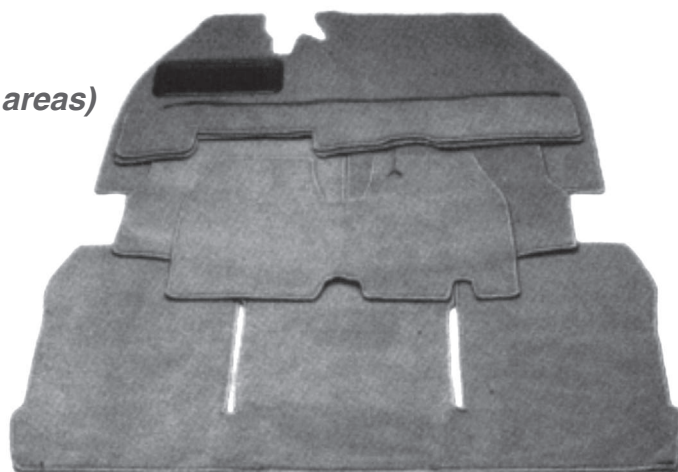
Black	'71-72	91030A	91034A
Grey	'71-72	91030C	91034C
Black	'73-78	91036A	91035A
Grey	'73-78	91036C	91035C

KARMAN GHIA DELUXE CARPET KITS

COLOR	YEAR	PART NO.	MODEL
Black	All	91008A	Sedan – 24 Piece
Grey	All	91008C	Sedan – 24 Piece
Black	All	91006A	Cabriolet – 20 Piece
Grey	All	91006C	Cabriolet – 20 Piece

VW BEETLE & SUPER BEETLE REAR CARPET KITS

YEAR	BLACK	GREY	YEAR	BLACK	GREY
'58-64	91037A	91037C	65-72	91042A	91042C
5-PIECE ALL SEDANS			4-PIECE ALL CABRIOLETS		
YEAR	BLACK	GREY	YEAR	BLACK	GREY
'73-78	91045A	91045C	to '79	91047A	91047C



SEAT TRACKS & ADAPTERS FOR SCAT/PROCAR RECLINERS

- Seat tracks bolts directly to seat base and fits over stock floor pan rail utilizing the stock seat rail ratchet lock
- Seat adapter bolts to stock VW floor pan and mounts to a slider assembly which is bolted to the seat base – slider assembly is not included with the Slider Model SCAT/PROCAR Recliner



Custom MOUNTING BRACKETS

APPLICATION	YEAR	DRIVER	PASSENGER
Type 1 Standard	'48-55	81364	81365
Type 1 Standard	'56-70	81380	81381
T1 Standard & S/Beetle	'71-72	81384	81385
T1 Standard & S/Beetle	'73-79	81382	81383
Karman Ghia (to Mid '69)	'58-69	81396	81397
Karman Ghia ('69-1/2 +)	'69-74	81398	81399
Type 3 Squareback	'65-71	81394	81395

PROCAR has over 3,000 Unique Adapters for a broad range of vehicles as well.

- Custom made to fit specific vehicles
- Bolt-on installation with no additional modifications
- Precision welded & Powder-Coated for durability & show quality finish



VW FOUR CYLINDER ENGINE DISPLACEMENT CHART

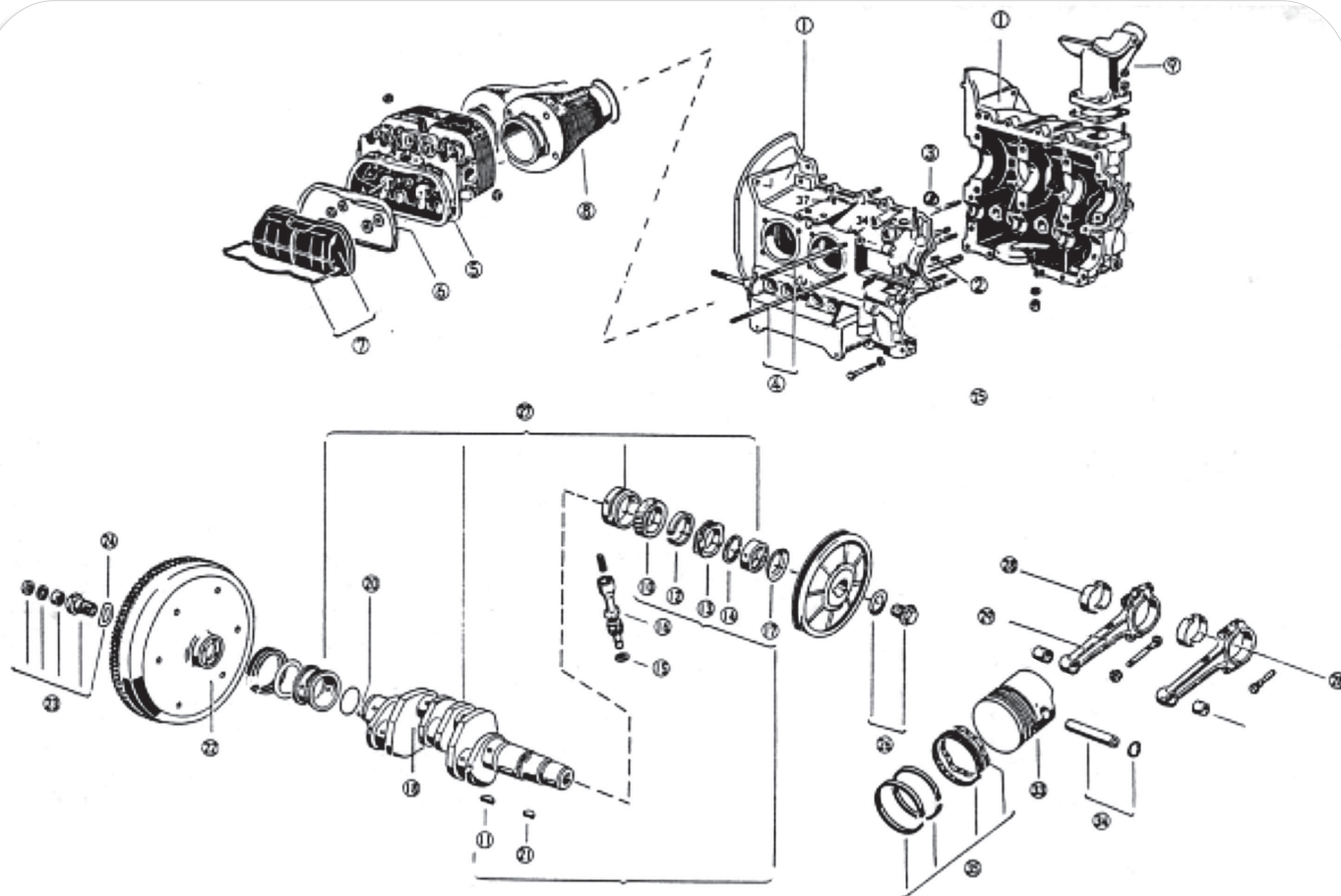
STROKE	BORE		TOTAL DISPLACEMENT 4 CYLINDER ENGINES IN CC'S							
	85.5	87	88	90.5	92	94	96.5	101.6	103	105
69mm	1600	1641	1679	1776	1835	1915		2238		
71mm						1971			2366	2459
74mm	1699	1760	1800	1904	1968	2054	2165	2400	2466	2563
78.8mm	1809	1873	1917	2027	2095	2187	2305	2555		
80mm									2666	2771
82mm	1883	1950	1995	2110	2180	2275	2399	2659	2733	2840
84mm	1929	1997	2044	2161	2234	2332	2457	2724	2800	2909
86mm	1975	2045	2093	2213	2287	2387	2516	2789	2866	2979
88mm	2021	2093	2141	2264	2340	2443	2574	2854	2933	3048
90mm	2067	2140	2239	2316	2393	2498	2633	2919		

FORMULA: BORE X BORE X STROKE X .0031416 = TOTAL CC

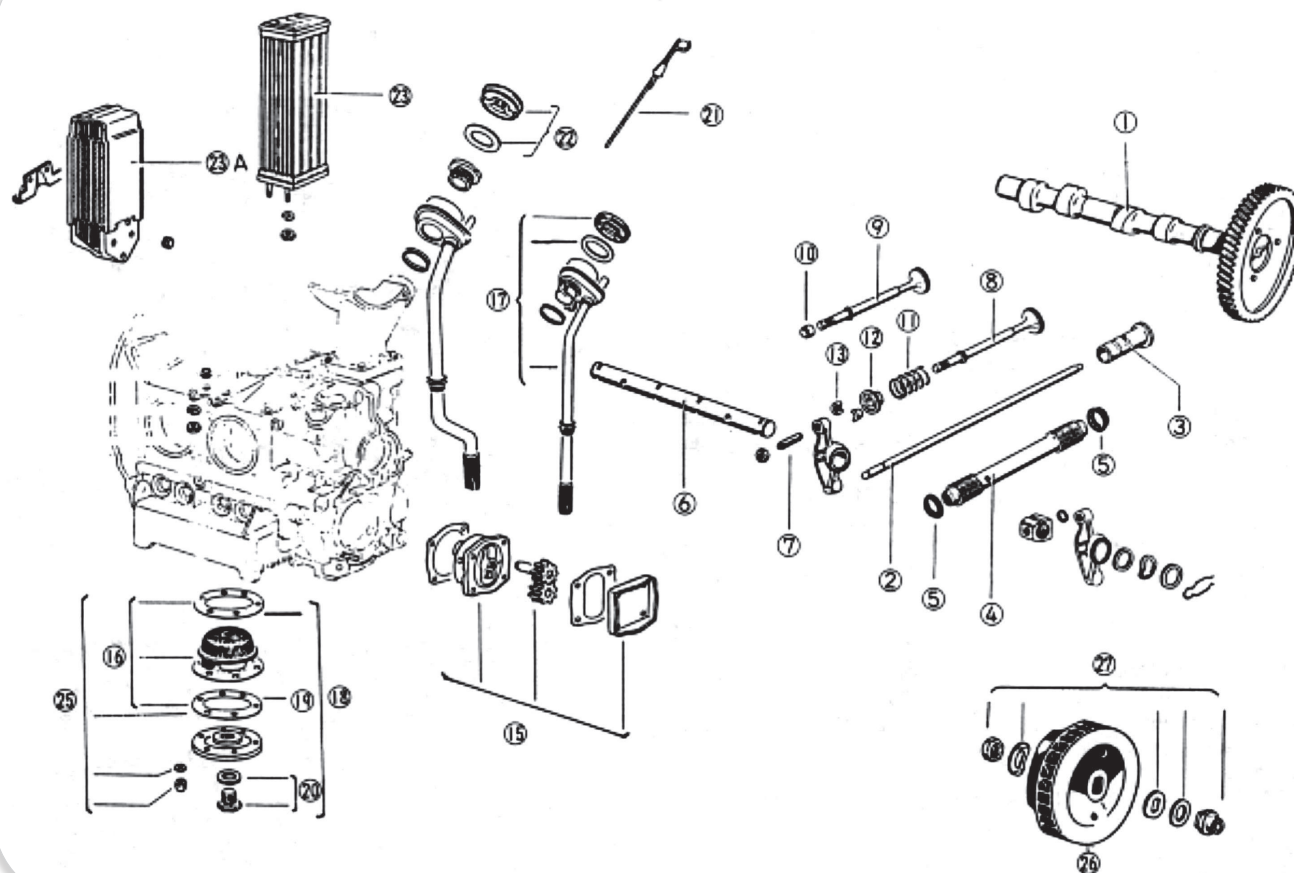
RECOMMENDED TORQUE SPECIFICATIONS FOR VW PERFORMANCE PRODUCTS

ITEM FOOT POUNDS

SCAT 7/16" diameter bolts for VOLKSTROKER II PRO-DRAG CRANK	85
SCAT 4340 Chromoly Gland Nut	350
SCAT 10mm Chromoly Cylinder Head Studs/Nuts.	30
SCAT 8mm Chromoly Cylinder Head Studs/Nuts	25
SCAT KILLER TM Case Main Studs (6 each)	40
SCAT KILLER TM Case all other 5/16" bolts	15
SCAT SPLIT-PORT Cylinder Head 5/16" bolts	15
SCAT Bolt-on Valve Cover Bolts	18
VW Engine Case Main Studs (6 each)	25
VW Engine Case small nuts	15
Rocker Shaft Hold Down Nuts	18
Cam Gear Bolts	20
Drain Plate Nuts	5
Drain Plug	25
Pressure Plate Bolts	18
Oil Pump Nuts (8mm)	5
Crank Pulley Bolt	32
Generator Pulley Nut	40
Fan Nut (Large)	40



#	PART #	DESCRIPTION	PAGE	#	PART #	DESCRIPTION	PAGE
1	043101025	Engine case	10	17	113105241A	Oil Slinger	18
2	111101123	Crank Main Bearing Dowel Pin		18	#10 Series	C/W Crankshafts	18
3	113101157C	Camshaft Eng Plug 40HP-1600		19	10225	Rear Oil Seal 40HP-1600 Silicon	18
4	10172	8mm Engine Stud Kit, 16 pcs	10	20	10056	Crankshaft Dowel Pin 8mm	17
4	10170	8mm Chromoly DP Head Studs	10	21	113105249	Woodruff Key Crank Pulley	18
4	10171	10mm Chromoly DP Head Studs	10	22	60007	12V-200mm Light Steel Flywheel	20
5	25035	D/P Cylinder Heads, #25 Series	35	23	60025	H/D Chromoly Gland Nut Assembly	20
6	80177	Valve cover Gasket, 10 pcs	36	24	60036	Heat Treat Gland Nut Washer	20
7	#80 Series	VW Valve Covers T1	36	25	10207	Crank Gear Assembly	18
8	#15 Series	Piston/Cylinder Kits T1	25	26	80107	Chrome Crank Pulley Bolt/Washer	48
9	25062C	Alt/Generator Tower, Chrome	50	27	111198461	H/D Main Brng Set, 40HP-1600	18
10	113105209	Crank Timing Gear 40HP-1600	18	28	113105701	H/D Con Rod Brng Set, 40HP-1600	18
11	111105213	Woodruff Key, Timing Gear	18	29	ICR5394	Connecting Rod, VW Stroker	19
12	10234	Racer Spacer	18	29	#10 Series	4340 Chromoly SS Con Rods	19
13	111105223	Distributor Drive Gear	18	33	#15 Series	Forged Aluminum Racing Pistons	25
15	111105235A	Dist Drive Spacer Washer 0.6mm	18	34	#15 Series	Piston Pins/Teflon Pin Buttons	26
16	113105231B	Dist Drive Pinion 40HP-1600	18	35	#15 Series	P/R Set 85.5mm-94.0mm High-Perf	25



#	PART #	DESCRIPTION	PAGE	#	PART #	DESCRIPTION	PAGE
1	#20 Series	Camshafts High-Perf T1	26-27	13A	#20 Series	High-Lift Rocker Arm & Assemblies	32
2	20020	Alum Pushrod 13-1600 Stock	29	13B	20130-BLK	Brng Support Rocker Shaft 13-1600	32
2	#20 Series	High-Perf Pushrods	29	14	111198541	H/D Cam Bearing T1	28
3	20018	High-Perf Valve Lifter	29	14	111198541H	H/D Cam Bearing Double Thrust	28
4	311109335C	Pushrod Tube 13-1600 Coat	30	15	#50 Series	H/D Oil Pumps	12
4	#20 Series	Performance Pushrod Tubes	30	16	51001	Oil Strainer & Gasket Kit	11
5	043109345A	Pushrod Tube End Seal, 100 pcs	30	17	50122	Chrome Oil Filler/Breather Tube	51
6	20129	H.D. Bolt-On Rocker Shaft Assy	32	17A	50122-1	Chrome Oil Filler W/O Tube	51
7	20118	H/D Swivel Base Adj Screws	32	18	113115181	Oil Sump Strainer, CVr, Gskt Kit	11
8	25016	35.6mm Intake Valve	31	19	113198031A	Oil Sump Drain Cover Gaskets	11
8	#25 Series	S/S Intake Valve T1	31	20	50118	Magnetic Oil Drain Plug W/Gasket	11
9	25024	32.0mm Exhaust Valve	31	20A	50126	Chrome Drain Cover W/Plug	11
9	#25 Series	S/S Exhaust Valve T1	31	21	50117	Chrome Dipstick, Std & Extra Long	51
10	25047	H/D Valve Lash Caps	31	22	50123	Replacement Chrome Filler Cap	51
11	20011	Valve Springs - Stock	28	23A	11311702B	Oil Cooler, Doghouse Style	51
11	20085	Valve Springs - High-Perf	28	24	021117151A	Oil Cooler Seal, 10/10mm,	50
12	20137	Valve Spring Retainer - Stock	28	25	113198031A	Oil Sump Gasket Set - Complete	11
12	#20 Series	Valve Spring Retainer - High-Perf	28	26	113119031B	Cooling Fan 1600 Doghouse Style	50



SCAT

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**OUR COMMITMENT TO
EXCELLENCE HAS RESULTED
IN A LONG LIST OF AWARDS
AND ACCOMPLISHMENTS**



1964 One of the original members of SEMA

1965 Published first SCAT VW Catalog

1966 First in US VW industry to introduce
VW C/W crankshafts made from both
forging and castings.

1975 Winner of National Silver Award for
Packaging Excellence.

1975 Introduced first American made
performance VW engine case for
USAC Midget Racing, Drag Racing
and Offroad Racing.

1976 SEMA runner-up for Best New
Packaging.

1979 SEMA runner-up for Best New
Engineered Product, with it's water
cooled boxer engine.

1980 First custom VW seat interior package
with introduction of PROCAR by SCAT.

1981 SCAT installed the first computerized
GFM Crankshaft Milling Machine.

1984 Introduced patented Dragfast
Dual TShifter.

1990 SEMA runner-up for Best New
Engineered Product for our V4 Engine
for Midget and Offroad racing.

1998 Winner-Indy 500.

2002 Damon Harmon Champion -
PRA California & Texas Pro Stock
Series.

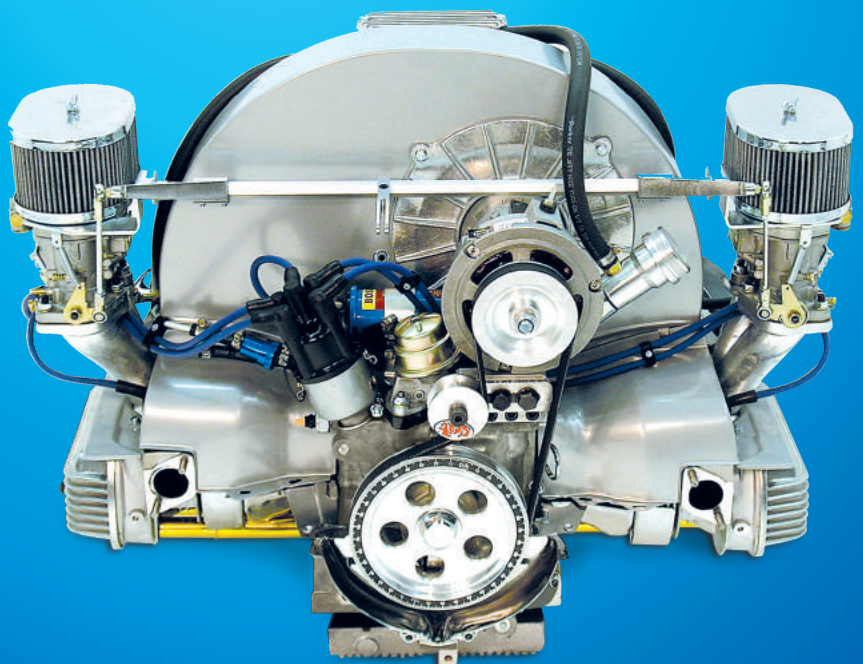
2004 Damon Harmon Champion -
TxPRA & NHRA Pro Stock Nationals
(Record Time at 9.76 Seconds).

8 Time Winner - Baja 500.

4 Time Winner - World of Outlaws.

3 Time Winner - Daytona 500.

And the list goes on...



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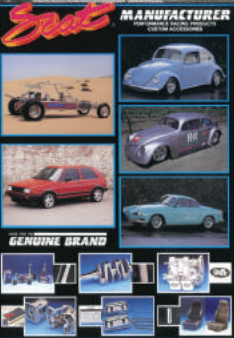
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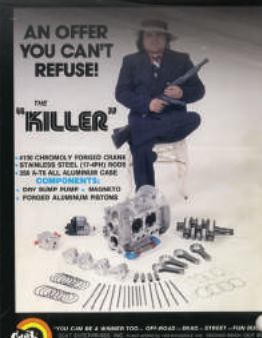


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