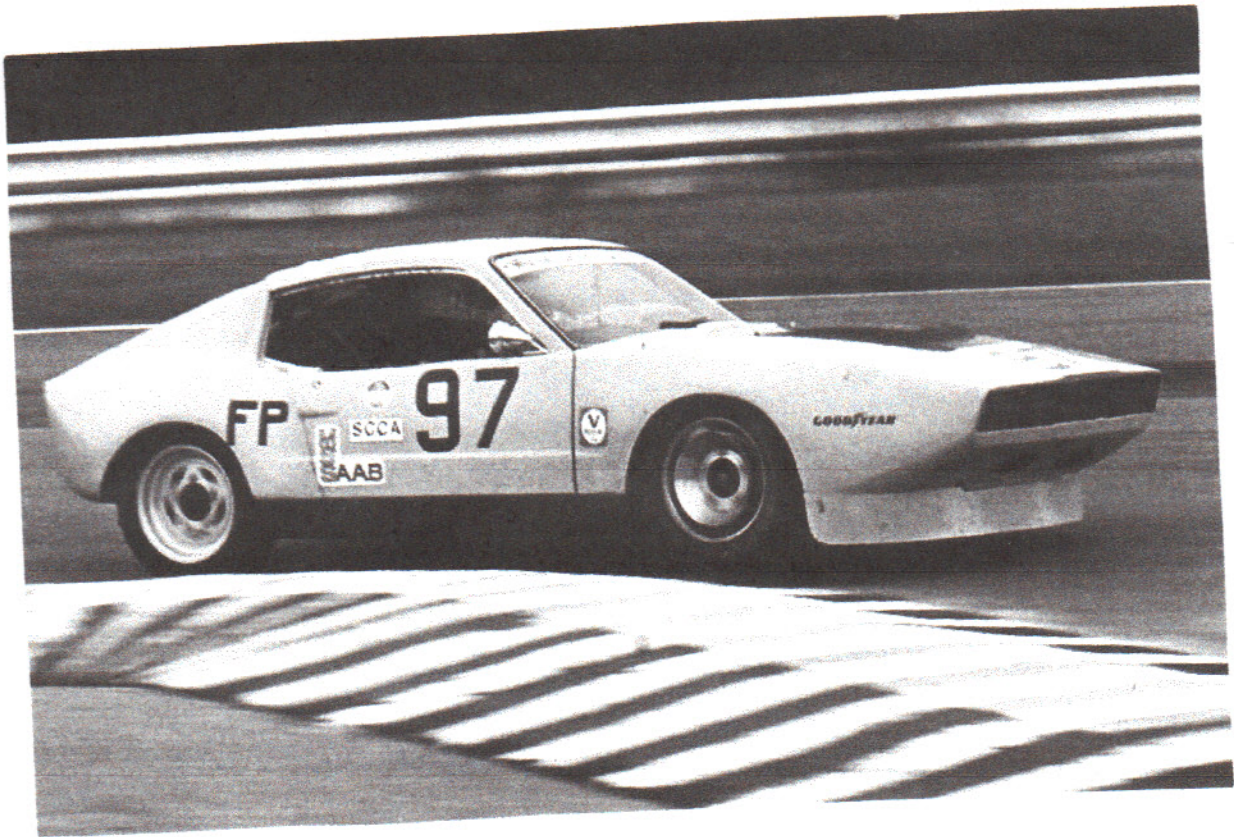


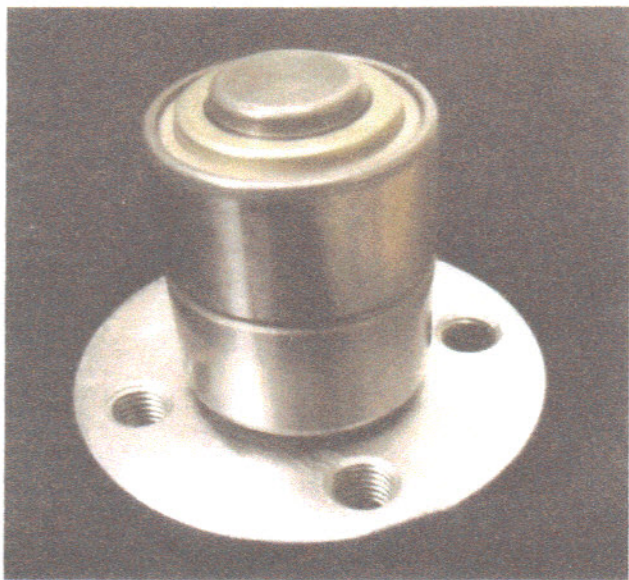
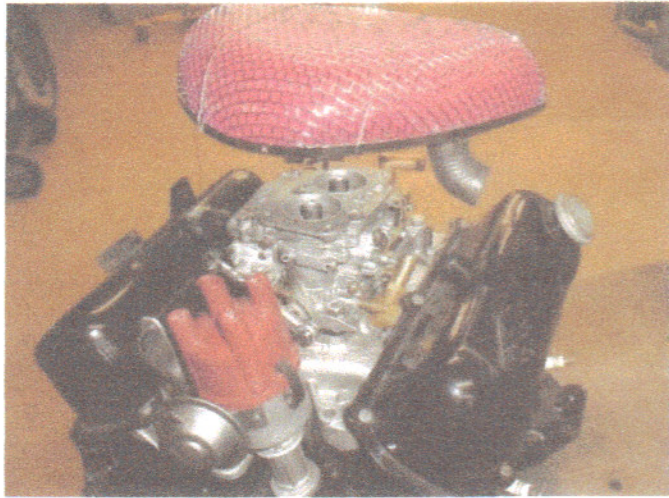
motor sport service

2010 Buffalo St Ext

Jamestown, NY 14701

Ph: 716-665-4200 Email: mss9(@)windstream.net





SONETT 6" X 15" SOCCER BALL WHEEL

This modified wheel is sold for race use only for liability purposes and has "race use only" engraved on the inner rim. It has been modified to allow the fitment of readily available tires sized 185/65 X 15" to replace the OEM tire 155X15. For autocross or any competition where a D.O.T. tire is required or used, it will be necessary to remove the reverse lip or portion of the fender opening that curves back inward toward the wheel in the area of the opening that makes contact with the tire on full bump. This can be accomplished by using a drum type sander, preferably 3" plus in diameter. If road springs are weak this will allow full bump to be extreme. We make custom springs for the Sonett. A race tire such as a cantilever side wall Hoosier 23 X 9.5 X 15 would require flared fenders. The counterbore for the wheel bolt and washer has been remachined and requires a washer no larger than the OEM one at 1.025". The standard washer can be fitted either side up. Wheel torque should be 58-72 lbs./ft. All you accomplish by over torque is to damage the outer counter bore where the washer seats and closing the hole on the bolt shank. We felt that cleaning and polishing this wheel was going to be a problem, so we elected to powder coat at a cost of about \$25.00 per wheel. Car soap, mitt or light brush and a rinse should do the job. The centers are used and were not cosmetically perfect when new, but we do our best to give you a good looking product. The weight of the wheel is approx. 15#. The wheels are exchange with a core charge of \$50.00 per wheel. If the wheels have been repainted, our cost for stripping, dependent on the paint used, can increase dramatically. This additional cost may be deducted from the core charge refund.

Rim dents are acceptable if there is no damage to the rest of the wheel including digs, scratches etc. We do remachine the area around the center hole. The boxes you receive the wheels in are double cardboard to take the abuse of return shipment. One more thing, the center hole is usually used for balancing and should be protected from damage from tire changing etc.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE**CAMSHAFTS:**

175110	Camshaft for street use. RPM range, 3500-7000 with a redline of 8500. Use with 179040 valve spring set. Exchange	\$195.00
	Core charge	\$100.00
275130	Camshaft for race application. RPM range, 4200-7500 with a redline of 8500. Use with 179040 valve springs and 477230 spring dampners. Exchange,	\$195.00
	Core charge	\$100.00
370150	Camshaft for race application. RPM range 4500-7500 with a redline of 8000. Use with #179040 valve springs and 477230 spring dampners. "Exchange,	\$195.00
	Core charge	\$100.00

VALVES

689040	Intake Valve, 42mm, single groove. Standard retainers	\$24.00
689030	Exhaust valve, 36mm, Three groove. Standard retainers	\$24.00
728683	Exhaust valve. Standard replacement	\$28.80
881102	Intake valve. Standard replacement	\$39.98

VALVE SPRINGS

179040	Valve spring. Heavy duty and competition.	\$9.50
486010	Valve spring. OEM replacement	\$9.50
477230	Valve spring dampner insert for #179040 valve spring.	\$2.50
294080	Dual valve spring. Inner and outer spring. Special Race. Requires the lower spring seat #475110 and upper retainer #477110. For use with reground modified camshafts. Each	\$9.72

VALVE TRAIN

476221	Valve keeper, single groove	\$0.40
476231	Valve keeper, hardened, single groove	\$0.50
475221	Valve keeper, three groove	\$0.35
282150	Valve stem seal	\$1.25
878221	Valve guide, bronze. 1/2" O.D.	\$5.50
280360	Valve guide, bronze. 7/16" O.D.	\$5.50
587230	Valve seat. Intake. Hardened. For unleaded fuel. stock valves	\$6.25
587235	Valve seat. Exhaust. Hardened. For unleaded fuel. Stock valves	\$6.25
689020	Valve seat. Intake. Hardened oversize for 42mm valve	\$6.50
689010	Valve seat. Exhaust. Hardened, oversize for 36mm exh.valve	\$6.45

VALVE LIFTER

277290	Hollow lifter. 76.5 grams. (stock is 102.3gr.)	\$12.50
771140	Bottom ball seat lifter (54.6 gr.) for tubular pushrod #770140	\$14.50
770140	Tubular pushrod. Can be made custom length.	\$18.00

ROCKER ASSY

881429	Rocker shaft	\$70.00
186060	Rocker arm	\$24.00
186061	Adjustment screw for rocker arm	\$2.50

CYL. HEADS

272223	Cylinder head package for UNLEADED FUEL. Bronze guides installed. Hard valve seats, intake and exhaust installed. Valve seats finished three angle or better. Pocket to seat hand blended. Valves lapped in for perfect seat. Heads assembled with quality new valves, springs, bronze guides, keepers and magnafluxed upper retainers. Pair Exchange per pair \$160.00	\$850.00
272224	Cylinder head package for UNLEADED FUEL. Oversize 42mm intake 35mm exhaust valves, hardened seats and bronze valve guides installed. Seats finished 3 angle or better. Intake ports opened to match our standard jig plates. Exhaust port opened to 1 3/4" I.D. Ports finished smooth. Pockets enlarged accordingly and finished smooth. Valves lapped in for perfect seat. Heads assembled with quality new valves, springs, keepers bronze guides and magnafluxed upper retainers. Pair Exchange per pair \$160.00	\$1,485.00

PISTONS

Compression ratios listed are for stock chamber sizes and are based on 39.2cc chamber volume stock, with gasket displacement of 7.76cc (this may vary). In the case of domed pistons, this includes chamfering of head to clear dome. For instance, an engine fitted with 14.0/1 c.r. dome pistons and large valves can only be lowered to about 11.5/1 c.r. with full chamber modifications. Pistons do not come equipped with rings and pins unless noted. Pins must be fitted. Race pistons are minimum weight.

285230	Stock replacement piston 1700c.c. engines. Standard bore. Includes pin and rings.	\$73.25
285233	Cast piston for 1700c.c. engines. Not OEM pistons. Includes rings and pin. An excellent substitute piston. Available sizes as follows: Bore 90.8 (+.032:) Bore 91.3 (+.052): Bore 91.55 (+.062): Bore 91.8 (+.072): Bore 92.3 (+.092). There is an increase of 1mm in dome height which, along with bore increase raises the compression ratio to approx. 9.1/1.	\$73.25
783014	Forged piston for 1700c.c. engines. Flat top. +.040 bore. 10.3/1 c.r. Includes pin. Required ring set #384130 sold separately	\$129.75
483225	Forged race piston for 1700c.c. engines. Flat top conical dome. Requires chamfered heads. +.045 bore. Wrist pin #486060 and ring set #384130 sold separately.	\$128.00

CON RODS

376040	Con rod. Magnafluxed and shot peened. Fitted with #074150 rod bolts and nuts. Exchange. Core per rod \$25.00	\$65.00
074150	Bolt and nut set for four con rods. 180 KSI alloy	\$54.00
482160	Con rod small end bushing. Full floating. .912" diameter pin. (rod must be bored, bush fitted and finish honed)	\$6.00
486220	Tru Arc circlip for #483225 piston	\$0.20
478230	Wrist pin +.02 O.S. 148 grams. 2.850" long	\$5.60
486060	Wrist pin. Short. .912" diameter X 2 1/2" long. For piston #483225. Requires full floating conversion using bronze bushing #482160 for con rod.	\$10.50

PISTON RINGS

486140	Ring set for 1500c.c. and 1700c.c. closed deck engines. Standard OEM replacement. Light pressure. (OEM#8814303)	\$80.50
476143	Ring set for 1500c.c. and 1700c.c. closed deck engines. +.030 bore	\$80.50
384130	Ring set. Fits race pistons	\$168.00
275211	Ring set. Fits old style FORGED 1700c.c. piston and 1500c.c. open deck engines. Standard bore.	\$42.00
274214	Ring set as above #275211 with +.040 bore	\$42.00

CRANKSHAFT

Used crankshafts from very good to regrindable. Call for price and availability.

TIMING GEARS

881181	Timing gear set. Must use complete set. Not compatible with OEM This aftermarket set is a USA pattern gear, not the same as the OEM gearset which is metric. The OEM metric tooth profile and angle is different than this aftermarket cam gear. The difference is critical.	\$335.00
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LUBRICATION

296190	Oil cooler. This heat exchanger uses engine coolant instead of air and is fitted between the oil filter and engine block. The kit comes with instructions and hoses. Has the advantage of warming oil in extreme cold conditions and cooling oil under hot conditions.	\$78.50
374120	Oil pump. Standard 1700c.c. replacement	\$78.80
186050	Oil pump 22% increased volume for racing and/or multiple filter and cooler installation	\$88.30
973130	Oil pump spring. High pressure for standard oil system	\$5.00
973131	Oil pump spring. High pressure for race system	\$5.00
881078	Oil pump drive shaft.	\$29.90

ENGINE BRGS

875290	Main bearing set. Available sizes: Std. -.010, -.020, -.030	\$87.30
876290	Con rod bearing set. Available sizes: Std., -.010, -.020, -.030	\$58.00
871111	Camshaft bearing set	\$68.75
286190	Balance shaft bearing set	\$68.75
881221	Fan bearing and flange. Pressed unit	\$72.00

**GASKETS
& SEALS**

881427	Full gasket set for closed deck engines.	\$96.75
881717	Head set for closed deck engines.	\$82.00
883103	Intake manifold gasket	\$53.00
881107	Valve cover gasket	\$4.50
881071	Pan gasket set. Includes rear seal, wedge seals	\$24.45
881275	Head gasket closed deck, L/H	\$25.00
881276	Head gasket, closed deck. R/H	\$25.00
881097	Front crankshaft seal	\$16.50
881110	Rear crankshaft seal	\$25.00

FLYWHEEL

372210	Flywheel lightened to 12#.	\$125.00
	Exchange: Core charge \$90.00	
086160	Flywheel Bolts. Extra strength. 60 ft. Lbs. torque	\$5.20

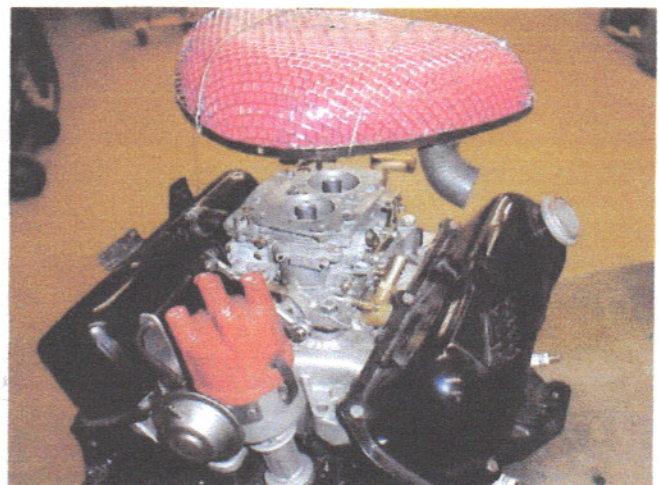
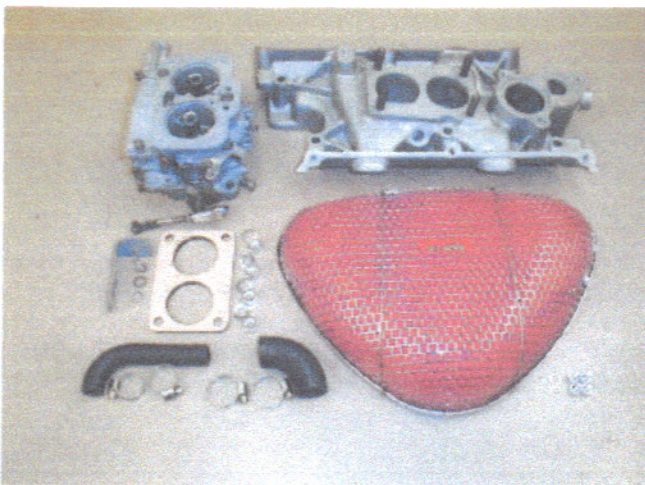
INDUCTION

402060	INDUCTION SYSTEM USING MODIFIED INTAKE MANIFOLD AND WEBER DCNF CARB. SEE INSERT COMPLETE INDUCTION 40DCNF, NOT PORTED	\$977.00
409080	Complete induction kit 42DCNF, ported to match big valve heads	\$1,225.00
379012	Rebuild kit for #379011 single throat 43mm carburetor	\$28.80
872280	Top cover gasket for #379011 carb	\$0.50
371210	Carburetor. 40mm dual throat Solex. 90mm center to center. This will be a good used unit as new ones are no longer available	Call
379050	Manifold, dual intake for #379210 carburetor. Not ported	\$375.00
379050P	Manifold #379050 fully ported and smoothed during fabrication. For street use. Competition manifold is extra \$.	\$425.00

INDUCTION SYSTEM: WEBER DCNF & MODIFIED INTAKE MANIFOLD

402060	Complete kit: 40 DCNF, not ported	\$ 977.00
409080	Complete kit: 42 DCNF, ported to match big valve heads	\$1225.00
403060	Air filter: Lynx Ram Flo 1000 w/ special base and rocker cover hose connection	\$ 62.00
404060	Air Filter: Lynx Ram Flo 600 w/ special base and rocker cover hose connection	\$ 62.00
405060	40 DCNF Carb: Used, rebuilt and set up for specific application.	\$ 410.00
400180	42 DCNF Carb: used, rebuilt and set up for specific application.	\$410.00
406060	Manifold for 40 DCNF, not ported. Exchange	\$ 449.00
401180	Manifold for 42 DCNF, ported. Exchange	\$ 697.00
402180	Carb base insulator gasket. 40 & 42 DCNF	\$ 12.00
407060	Lever arm, carb accelerator linkage. 40 & 42 DCNF	\$ 20.00
408060	Link from carb to OEM lever	\$ 4.00
409060	Hose: PCV to L/H rocker cover with MH-6 clamps	\$ 7.50
400160	Hose: Air filter base to R/H rocker cover with MH-8 clamps	\$ 7.50
401160	Bracket and locater OEM linkage to manifold. Exchange.	\$ 5.00

For more information, call 716 665 4200 or email mss@madbbs.com.
Information also available at www.vsaab.com/forum (Modifications)



**DISTRIBUTOR
& IGNITION**

786635	Distributor point set V4 1967-	\$6.90
750121	Distributor cap V4 1967-	\$8.75
930669	Distributor rotor	\$5.50
586211	Ignition wire set. Silicone wire set custom made for V4 engines	\$52.50
991021	Pertronix breakerless ignition module	\$97.20

FUEL PUMP

285130	Fuel pump w/gaskets. OEM replacement	\$67.75
285120	Fuel pump. Facet electric. 1 1/2 - 4 1/2 pounds. Suitable for 43mm carb conversion and Weber	\$72.00
285140	Fuel pump. Carter high pressure for race application. Motor type. Specify pressure required	\$72.00

WATERPUMP

881450	Waterpump with gaskets. OEM replacement	\$48.75
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CHASSIS

731260	Outer CV joint	\$270.00
731260U	Outer CV joint USED, repacked	\$135.00
784968	Outer CV joint boot	\$24.00
891037	Inner driver boot	\$24.00
899333	Tie rod end	\$34.00
737217	Ball joint. 95/96/97	\$59.00
581143	Steering knuckle (OEM#7327745)	\$73.50
279111	Pair of Coil springs, front for Sonett or 96. Approximately 30-50% higher rate depending on ride height specified. For street or rally.	\$184.00
279112	Pair of Coil springs, rear. Approximately 25% increase in spring rate over OEM.	\$184.00
899349G	Front gas over shock absorber. Gabriel	\$35.85
881584	Rear gas over shock absorber. Monroe or Gabriel	\$52.00
383260	Rear mount stabilizer aluminum insert.	\$30.00

CLUTCH

872585	Clutch disc. Stock replacement .	\$120.00
880369	Clutch pressure plate. Stock replacement. Pressure 785# +/-	\$185.75
880369S	Clutch diaphragm pressure plate. Exceeds pressure of the 6 spring std. plate #179204. Requires redrilling flywheel for equally spaced bolts. Attachment hardware included.	\$125.00
179204	Clutch pressure plate assy. New, reassembled with shotpeaned levers, pivots and 6 #174221 heavy duty springs. Good for modified engine cars. Pressure: 1100# +/-	\$244.15
179205	Clutch pressure plate assy. New, reassembled with shot peaned levers pivots and 3 #174221 heavy duty springs. Recommend for dependable street use or cars with mildly modified engines. Pressure: 940# +/-	\$229.45
174211	Clutch pressure plate heavy duty springs	\$4.90
574280	Clutch release bearing.	\$42.00
880919	Clutch slave cylinder (DISCONTINUED.)	
771050	Clutch disc for racing only. 3 Velvetouch pads each side. Solid center 7 1/2" diameter	\$128.00
970240	Freewheel lockout sleeve. Locks slider forward for constant direct drive.	\$24.15
784607	Clutch slave cylinder repair kit	\$22.00
784608	Clutch master cylinder repair kit. Seals and gaskets. All Sonetts & 96 up to 1968	\$17.00
	Refurbish Sonett transmission side shift linkage, and install grease fitting	\$120.00

WHEELS & BRAKES

686211	Brake hose, rear	\$25.50
686212	Brake hose, front	\$28.00
732379	Brake caliper piston	\$32.45
732379A	Rebuilt front brake cyl. with SSB 2609 kit and 732379 piston	\$92.00
903210	Rebuilt L/H front cylinder. Includes SSB 2609 kit and STAINLESS piston E	\$82.00
903212	Rebuilt R/H front cylinder. Includes SSB 2609 kit and STAINLESS piston E	\$82.00
	Piston and cylinder core charge	\$25.00
732805	Brake rotor	\$79.50
732809	Wheel cylinder, rear. 96, Sonett and 1970- 95	\$35.00

10093	Lined rear shoe set	\$39.00
881714	Front brake pad set	\$43.20
704150	Soccer Ball Wheel modified to 6" Wide. Sonett and 96 Polished aluminum rim and powder coated.	\$285.00

CAR BODY

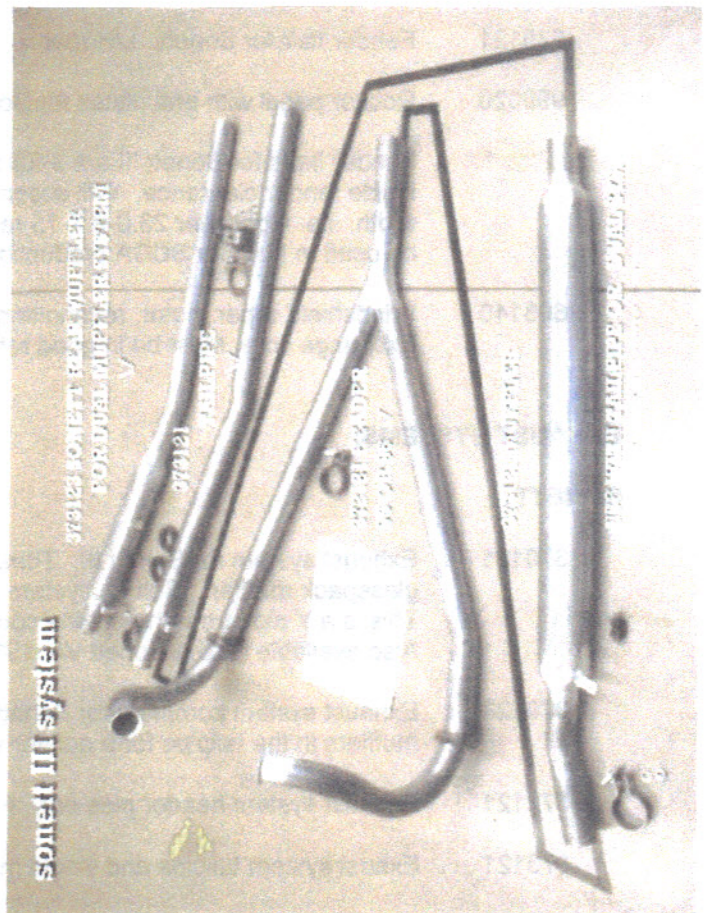
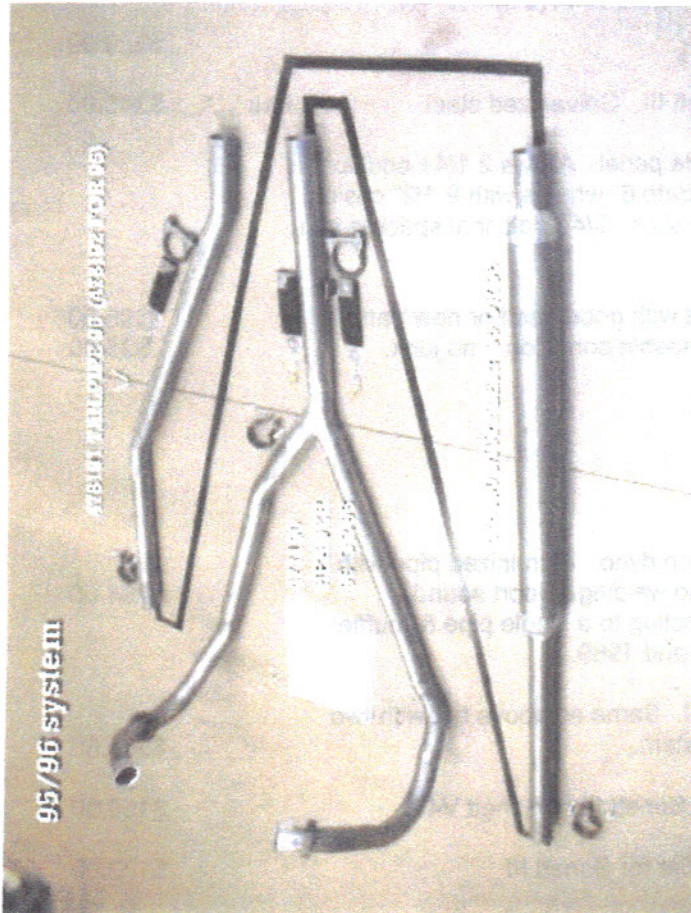
675201	Sonett hood. Complete front end minus engine cover & headlamp buckets	\$950.00
675202	Headlamp bucket	\$110.00
876120	Fender flair for sonett. R/H front	\$220.00
876121	Fender flair for Sonett. L/H front *	\$220.00
875120	Fender flair for Sonett. RH rear *	\$220.00
875121	Fender flair for Sonett. L/H rear	\$220.00
999020	Rocker panel with end plates for Sonett III. Galvanized steel. Pair	\$245.00
*	Fender flairs for Sonett III are a full side panel. Allows 2 1/4+ additional inside fender clearance. Will accomodate 6" wheels with 9 1/2" casing width. i.e. Goodyear 23.0-8 X 15 race slick. 3/4"additional spacers can be used in front for SCCA production.	
603140	Windshield wiper motor, reconditioned with good used or new parts. Exchange core. Must be in good rebuildable condition.....no junk.	\$95.00 \$25.00

EXHAUST SYSTEMS:**SONETT**

370121	Exhaust system for Sonett III. Tuned on dyno. Aluminized pipe with glasspack muffler. Bolt on system...no welding. Sport sound. This is a Y pipe from the engine connecting to a single pipe & muffler. Also available for the Sonett V4 1968 and 1969.	\$294.00
370123	Exhaust system complete for Sonett III. Same as above but with two mufflers in the tailpipe for a quieter system.	\$309.60
372121	Exhaust system header pipe only. For Sonett III or Sonett V4.	\$150.00
373121	Exhaust system tailpipe and single muffler for Sonett III	\$132.00
373122	Exhaust system tailpipe and front muffler for 2 muffler system. Sonett III	\$93.60
373123	Exhaust system tailpipe and rear muffler for 2 muffler system. Sonett III	\$54.00
374121	Exhaust system installation kit. Sonett III & V4 (Clamps, hangers etc.)	\$12.00
373121X	Exhaust system tailpipe and muffler for 1968 and 1969 V4 Sonett	\$132.00

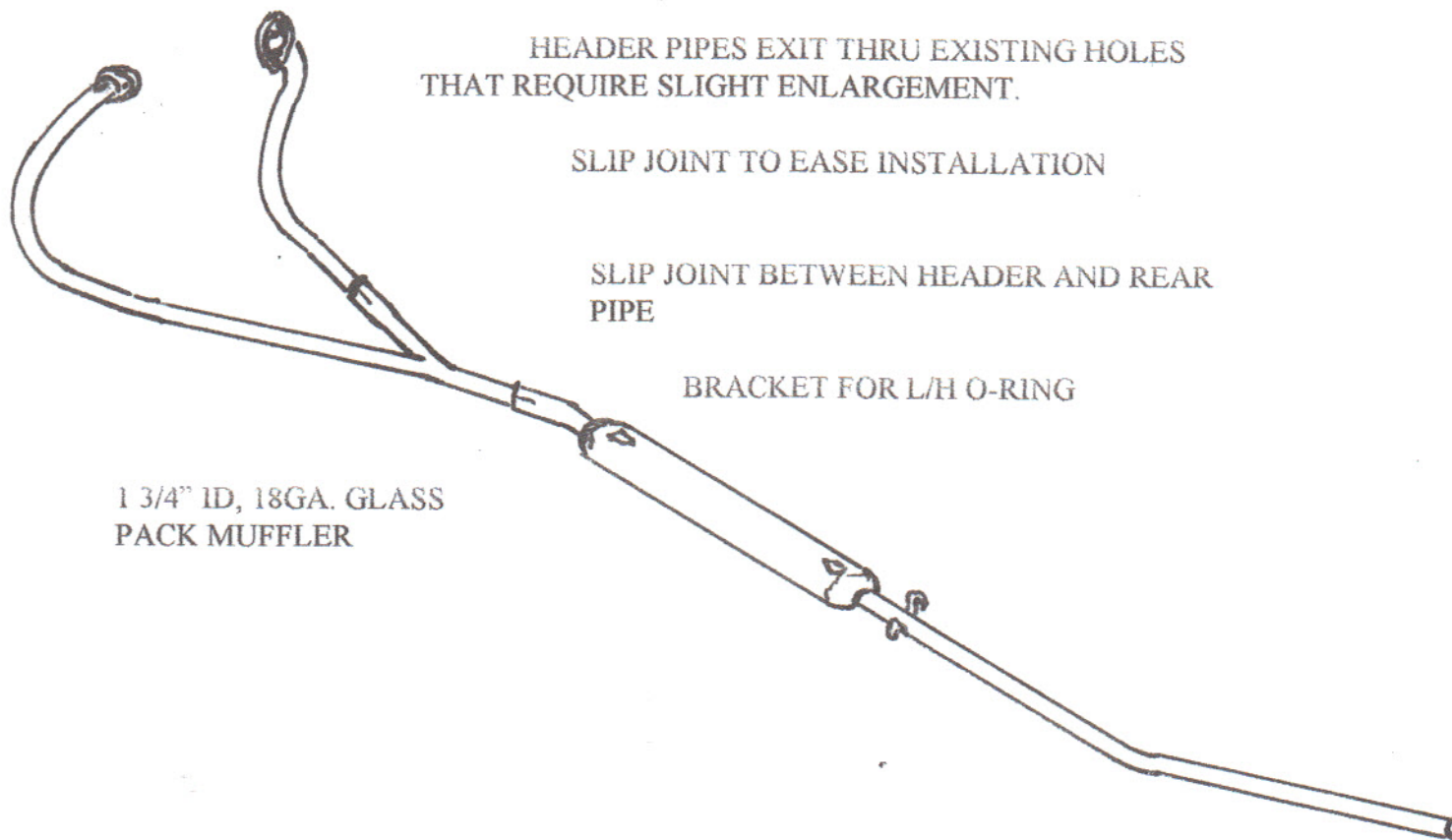
EXH SYSTEMS
95/96

475180	Exhaust system complete for Model 96	\$282.00
470220	Exhaust system complete for Model 95	\$288.00
477190	Exhaust system header pipe for 95 or 96	\$150.00
478190	Exhaust system center muffler for 95 or 96	\$105.60
478191	Exhaust system tailpipe for 96	\$14.40
478192	Exhaust system tailpipe for 95	\$20.40
479190	Installation kit for 95 or 96 exhaust system	\$12.00
475182	Extra 15" muffler for 95 or 96 system. Can be inserted in tailpipe for a quieter sound	\$30.00



SONETT III EXHAUST SYSTEM

THIS EXHAUST SYSTEM IS AVAILABLE IN TWO BASIC PARTS, THE HEADERS AND THE TAIL PIPE/MUFFLER. THIS WILL GIVE YOU A SPORT CAR SOUND WITH NO BACK RAP. THE HEADERS ARE MADE OF TWO EQUAL LENGTH PRIMARY PIPES 1 3/4" ID, APPROX. 51" LONG THAT JUNCTION ABOUT UNDER THE TOE BOARD CENTER WHEN FITTED. THE PIPES ARE FLARED TO FIT THE STANDARD INTERMEDIATE FITTING AT THE HEAD. THE R/H PIPE HAS A SLIP JOINT TO FACILITATE ASSEMBLY. THE REAR SECTION USES A GLASS PACK MUFFLER THAT HAS BEEN FLATTENED TO INCREASE ROAD CLEARANCE. IT IS HUNG ON THE TWO L/H O-RING HOOKS. A REAR MOUNT THAT HAS TO BE ATTACHED TO THE CAR USING ONE EXISTING HOLE AND ONE THAT HAS TO BE DRILLED, AND A SMALL CUSHION MOUNT AT THE FRONT OF THE MUFFLER TO STOP IT FROM THUMPING THE CAR IN CASE OF A BAD REAR TRANSMISSION MOUNT OR HARD USE. THE TAILPIPE EXITS STRAIGHT BACK FROM THE LEFT REAR SUSPENSION.



ALL TUBING IS 1 3/4" ID X .60 WALL.
THE SYSTEM TUBING AND MUFFLER ARE ALUMINIZED. ASSEMBLED JOINTS ARE GAS WELDED, THEREFORE READILY REPAIRABLE BY WELDING (PLEASE NO BRAZING). CLAMPS FURNISHED ARE THE FLAT TYPE TO AVOID DAMAGE TO THE PIPES. SYSTEM INCLUDES MOUNTING HARDWARE AND INSTRUCTIONS. PARTS ARE AVAILABLE SEPARATELY