

Auto Hobby Shop



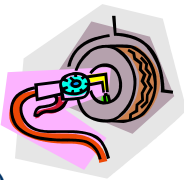
**203 W. Stewart Avenue
Bldg 637
Charleston AFB, SC 29404**



**(843) 963-4942
*for info or appointments***

Service Fees

A/C Service R134a Freon		\$45
Freon		\$20/lb
Battery Charge		\$3
Bat/alt charge test		\$3
Clean headlight lenses		\$40
Press bearings		\$20 each
Press bushings		\$10 each
Cam Bearings		\$20
Clean plugs		\$0.50 each
Engine codes		\$25
Hot dip load		\$10
Hot dip block		\$35
On base road service call		\$20
Ridge, ream, hone	4 cyl	\$20
	6 cyl	\$25
	8 cyl	\$40
R & R strut springs		\$20 each
Tire balance		\$8-\$10 each
Tire rotation and balance		\$32-\$40
Tire rotation only		\$24
Tire dismount		\$5 each
Tire Mount		\$5 each
Tire repair (plug)		\$10
Tire repair (patch)		\$18
Turn brake drum		\$6 each
Turn brake rotor		\$10 each
Turn flywheel		\$30 each
U-joint (in/out)		\$15 each
Valve job	4 cyl	\$45
	6 cyl	\$50
	V-6	\$60



OIL CHANGE

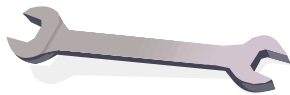
most vehicles \$25

Includes up to a \$5 filter and up to 5 quarts of oil, filling all fluids and lubricating chassis if required.

User fees

Flat stall inside	\$4.00 per hr
Lift stall	\$5.00 per hr
Outside stall <i>(for the first 3 days)</i>	\$1.25 per hr
Outside stall <i>(after the first 3 days)</i>	\$1.00 per hr
Wash stall	\$1.25 per hr

All stall fees have a one hour minimum charge!



Brake jobs

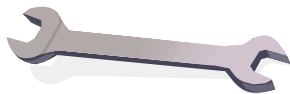
\$60 per axle plus parts and turn rotors

Transmission fluid and filter change

\$50 labor plus parts

(for most vehicles)

We also do other work on a “case-by-case” basis. Contact the manager for an estimate.



Engine Tune-up Labor

(for most vehicles; does not include parts)

4 cyl \$30

6 cyl \$45

8 cyl \$60



Shop labor rate \$50 per hour

(1/2 hour minimum)

Auto Hobby Shop

Qualification Guide

Introduction

The use of the automotive hobby shop equipment is subject to certain hazards that can't be eliminated by mechanical means alone, safety awareness, common sense and care is also required. It is essential that everyone be familiar with requirements for safe operation of the equipment in this shop and its proper use when working on your vehicle. Numerous accidents and injuries have occurred due to mainly human error. The three commonly observed factors are lack of knowledge, inattention or distraction and violation of safe practices. Serious hazards include dropping heavy components, improperly secured loads and incorrect use of equipment and tools.

Housekeeping

Good housekeeping helps prevent accidents. Grease, oil, water and other liquids spilled on the floor causes serious slipping hazards. Clean up spills immediately. For grease and oil spills, use the non-combustible absorbent material available in the machine shop. Ask an employee for assistance. Put oily rags in the covered container labeled "Oily Rags Only." To avoid tripping hazards and cuts and bruises, keep your work area, aisles and walkways clear of parts, tools and equipment. Valve covers, broken fan belts, wrenches, etc., lying around the work area are accidents waiting to happen.

Hand Tools

Many kinds of hand tools, both powered and manual are used when repairing vehicles. Most of them can be dangerous if they are not operated in the correct manner or are used for a purpose different than intended. Nationally, hand tools cause approximately six percent of all compensable disabling injuries. Disabilities resulting from misuse of tools or using damaged tools include loss of vision, puncture wounds from flying debris, severed fingers, broken bones, contusions, etc. Safety precautions must be observed to prevent serious mishap. Before using, check wrenches for cracks and worn jaws, screwdrivers for broken or rounded tips, hammers for chipped, mushroomed or loose heads and broken handles, chisels for mushroomed heads and extension cords or electrical tools for broken plugs and frayed insulation. Notify an employee of any known defects. Always use tools for their designated purpose. Do not try to be inventive. Screwdrivers are

for turning and tightening, not prying. Wear all personal protective equipment posted in the work area including safety goggles.

Fuel Work

No fuel work will be conducted in this shop. This includes fuel filter replacement as well as fuel tank removal.

Compressed Air

Inspect compressed air hoses before using and inform an employee if you notice any cracked, worn or frayed hoses. Reduce compressed air below 30 psi for cleaning dirt and dust from parts and the work area, and never use compressed air to clean yourself or your clothes. Air must be shut off and all pressure in the line must be released before disconnecting the air hose from the air line.

Grinders

Grinders in the shop are guarded to prevent injury, protect the operator and other employees in the machine area from hazards such as rotating parts, flying chips and sparks and protection if the grinding wheel breaks. Bench and pedestal grinders have safety guards which cover at least three-fourths of the outside of the wheel. The adjustable work or tool rest is required to be kept within one-eighth inch of the wheel. The tongue guard must be kept within one-fourth inch of the wheel. If any deviations from these clearances are noted, contact an employee. Make sure you only use the surface area of the wheel intended for grinding and that all guards are in place. Wear all personal protective gear posted for the equipment. Ask an employee to check the equipment before beginning work.

Hydraulic Lifts

(Requires Qualification Training Prior to Use)

You need to take certain precautions when operating hydraulic lifts. Review the lift instructions located in the area prior to operating the lift. Be sure you understand them. An employee can explain the operating features of the various lifts in this facility. Make sure everyone is standing clear of the vehicle as it is being driven into position on the lift and ensure the load is resting squarely on the lift. Check the load limits on the lift and adapter to make sure you don't overload them. Don't lock the hoist controls in the open or shut position. They are to be operated manually. Make sure the lifts mechanical locking device is working. Please be sure to ask an employee for assistance if you are unsure of any procedures.

Hydraulic Jacks

To prevent serious accidents or injury, you **MUST** always use jack stands when lifting vehicles with hydraulic jacks; **NO EXCEPTION!** They'll keep the vehicle from falling on you if the jack is accidentally released. Check and re-check all safety devices on hydraulic jacks. Don't exceed the weight limits posted on the jacks. The vehicle must be appropriately chocked to prevent movement. Ask an employee for any assistance.

Carbon Monoxide

Vehicle exhaust is a major source of carbon monoxide, a deadly gas. The symptoms of overexposure to carbon monoxide include a dull headache, dizziness, ringing in the ears, nausea and pounding of the heart. To protect yourself and others from this deadly gas, the stall door must be opened when running the vehicle in the shop.

Solvents

You could be exposed to solvents during parts cleaning, degreasing and any painting when allowed. All organic solvents have some effect on the central nervous system and skin. Inhaling high concentrations of solvent vapors may cause a lack of coordination and drowsiness or even damage to the blood, lungs, liver, kidneys, and digestive system. Skin contact may cause dermatitis, ranging from a simple irritation to actual skin damage. Solvents can also dissolve natural skin barriers of fats and oils leaving the skin unprotected. All solvents will be used in well ventilated areas only. Appropriate personal protective equipment including gloves, face shield and apron will be worn to minimize exposure to solvents. They are available at the solvent cleaning tank.

Noise

Some hazards in the shop area which can cause harmful noise levels include chipping, shearing, mechanical cutting, hammering, grinding and sanding. When using equipment or conducting operations designated as noise hazards, be sure to wear hearing protection which is available for check out in the tool room.

Other Requirements

"No Smoking" signs shall be strictly observed in the auto skills complex. The only smoking is located out the rear door at the covered picnic table. No children under the age of 16 in the shop without the permission of the shop manager. Stalls will be cleaned with soap and water using a broom to scrub prior to check out. No new work orders will be issued one hour prior to closing. Clean-up starts 30 minutes prior to closing. At this time the stall fees should be paid. Fees will be charged for stalls as long as there is a vehicle or parts in that stall. Time will be charged during our open hours. See the manager for any questions concerning these procedures.

We also make



keys!!!

Hand car wash service



\$12 to \$20

depending on the vehicle size
includes
vacuum and cleaning windows

Arts & Crafts Complex Hours of Operation

Arts & Crafts Center

(843) 963-4936

Monday – Friday: 9 a.m. to 5 p.m.

Saturday & Sunday: Closed

Auto Hobby Shop

(843) 963-4942

Tuesday: 9 a.m. - 5:30 p.m.

Wednesday & Thursday: 11 a.m. - 8 p.m.

Friday & Saturday: 9 a.m. - 5:30 p.m.

Sunday & Monday: Closed

- Custom Framing
- Specialty Engraving
- Embroidery
- Do-It-Yourself Framing
- Variety of Instructional Classes
- Do-It-Yourself Auto Area
- Oil Changes, Tire Rotations, and more — our Staff can do the work for you

