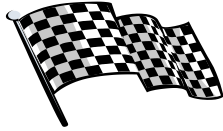


 **U.S.A. ALL AMERICAN™**



Ultimate Maintenance

HIGH TECH

OIL ADDITIVES

FUEL ADDITIVES

SERIOUS LUBRICANTS

GREASE & DEGREASERS

The Best from the U.S.!™



*Our products are Friendly to The Environment
No PTFE, No MOLY, No Graphite, No Silicone*

 **U.S.A. ALL AMERICAN™**

Ultimate Maintenance— Products you can trust!!

The Best from the U.S.!™

AUTOMOTIVE SERVICE MANUAL

**Step-by-Step Instructions for applying
improved Lubrication & Fuel Efficiency**

This condensed manual is designed to aid and assist the vehicle owner and/or professional serviceman in properly applying lubricants, additives, and conditioners in order to achieve the maximum in efficiency, operation, and vehicle life. These instructions, if followed correctly, will yield the best results in installation, performance, and economic return.

Improved lubrication protects metal surfaces, reduces operating temperatures, increases horsepower & engine performance, and reduces oil consumption.

WE EXTEND
THE LIFE OF YOUR VEHICLE

NOTE: Prior to applying lubricants, additives, & conditioners, optional safety equipment (such as Gloves, Goggles, Face Mask) is recommended.





100%™ Ultimate Maintenance

Engine & Oil Treatment

We Protect Metal!!

ADVANTAGES:

Smooths, seals, and protects metal surfaces of bearings, pistons, cam, crankshaft, lifters, and all other internal moving metal parts - Reduces operating temperatures, protects against friction-related heat & wear - Increases horsepower and engine performance - Extends the life of lubricated engine parts - Reduces oil consumption.

The Drive Train & Metal Treatment (Engine, Transmission, & Differential) for Automobiles & Light Trucks

THE ENGINE

Start engine and allow warm up to occur for approx. 5–10 minutes.

Stop engine. Open hood and remove oil fill cap from engine.

For vehicles with 4 to 6 quart oil capacity, pour in 8 oz. of **100%™** our Engine & Oil Treatment. For larger engine oil reserves, add 1.5 oz. per each quart of oil.

Replace oil fill cap.

Start engine; allow to idle for 5 to 10 minutes.

Stop engine. Your engine treatment maintenance is complete!

IF ENGINE OIL TREATMENT IS ADDED DURING AN OIL AND FILTER CHANGE, ADD THE TREATMENT AFTER THE CHANGE IS COMPLETE BY USING THE ABOVE METHOD.

NOTE: For vehicles with larger oil capacities (7 quarts or more), add 1.5 oz. of Engine Oil Treatment for every quart of oil.

Recommended Follow-up Maintenance: Add Engine Oil Treatment according to the above method, each time the oil and filter is changed in accordance with the vehicle manufacturer's recommended maintenance schedule. Usually, the oil and filter change should be done approximately every 3,000 miles; however, we do not recommend any deviations from the manufacturer's maintenance schedule.



NOTICE:

All recommended time frames mentioned throughout this manual are merely suggestions to give you a guideline for the maintenance of your vehicle. However, prior to any maintenance performed on a vehicle, the owner's manual should be consulted as to that particular vehicle manufacturer's recommended maintenance schedule. We do not in any way recommend any deviations to the manufacturer's maintenance schedule.

CAUTION:

- **DO NOT**, under any circumstances add any of our product, or any other petroleum product, to the brake system of any vehicle. Use only D.O.T. specified brake fluid.
- **U.S.A. ALL AMERICAN™** products are not intended to repair broken parts or to cure mechanical failures. All necessary repairs to the aforementioned automotive areas should be made prior to the application of any of our products.
- **DO NOT** apply any of our products, or any other lubricant, to hydraulic trunk and hood supports.



SUPER™ SPRAY LUBE & RUST INHIBITOR

ADVANTAGES:

Displaces water and moisture. Eliminates rough engine performance caused by wet conditions; Prevents against rust & corrosion; Provides long-lasting protection against rust & corrosion. Offers quick, positive lubricating action. Creeps into remote, inaccessible areas. Provides free-flowing protection. Penetrates to loosen seized and corroded metal mechanisms.

Lubricate throttle linkage at least every 12 months or as needed for smooth acceleration and to keep free from corrosion. Spray belts lightly every 3 to 6 months.

Lightly spray directly onto brake pads; wipe away excess. The pads will absorb our lubricant to reduce glazing and squealing.

Spray lightly on all electrical components and wipe away excess to avoid collection of dust and dirt. Also apply to distributor and plug wires to reduce moisture.

Our lubricant can also be used to clean parts with excessive grease or dirt build up. Spray onto the part and allow to soak for a short time, then wipe clean.



Metal & Engine Oil Treatment

Check the air conditioning unit and freon level every 12 months, and if the system needs recharged, inject 1 to 2 oz. of metal treatment ahead of freon charge. Please **do not attempt to do this yourself unless** you are qualified; proper equipment is necessary when working on air conditioning units, therefore, this should be done only by a professional automotive air conditioning service representative. **ADVANTAGES:** Spray lubricant on all door, trunk, and hood hinges and latches at least every 12 months or as needed, along with all other linkage. Spray all seized and corroded nuts & bolts to penetrate and loosen. Our lubricant also provides excellent protection against rust & corrosion. To keep the moisture from gathering around the tumblers in door & trunk keyholes, apply this lubricant with an oil can directly into the keyhole.



100%™ AUTOMATIC TRANSMISSION TREATMENT

Transmission shifts LIKE NEW!!™

ADVANTAGES:

Transmission shifts “Like New”!! - Eliminates torque converter shudder - Contains special friction modifier that smoothes shifting - Lowers operating temperature & optimizes performance - Reduces sludge & formation of deposits and removes varnish buildup - Keeps oil passages, orifices, & ball checks clean & fully operational - Frees sticking valves - Improves cold weather performance – **YEP**, we extends the life of your transmission!!

Suggested Tools: Small Automotive Funnel

Start engine and allow warm up for approximately 5 to 10 minutes. Stop engine. Open hood then remove automatic transmission fluid check dipstick.

Insert automotive funnel in dipstick tube. Pour 10 oz. of Transmission Treatment into funnel. Remove funnel then replace dipstick.

Start engine and allow to idle for approximately 5 to 10 minutes. Stop engine. Your automatic transmission maintenance treatment is complete!

NOTE: For larger commercial automatic transmissions, add 16 oz. of Transmission Treatment.

DIRECTIONS: There is no need to change your fluid prior to use. Simply pour contents into transmission with motor running at idle speed and transmission in park. 10 oz. will treat all automatic transmissions up to ten (10) quarts of ATF. For larger transmissions that require over (10) quarts use 1 ounce per quart of ATF. For Allison Transmissions use 1 ounce per 2 quarts of ATF. 4 X 4 Transfer Cases use 1 ounce per quart. Be sure to check your owner's manual or dipstick for the correct type and amount of transmission fluid. **CAUTION:** DO NOT fill over the fill-line. If you do, you may need to drain a small amount out of the transmission plug.

GOT STANDARD TRANSMISSION??

**ASK ABOUT 100%™ TRANSMISSION TREATMENT
FORMULATED JUST FOR STANDARDS!!**

NOTE: For larger, commercial manual transmissions, remove 8 oz. of fluid and inject 8 oz. of our metal/engine treatment.

Recommended Follow-up Maintenance: Add Transmission Treatment according to the above method, each time the gear oil and filter is changed in accordance with the vehicle manufacturer's recommended maintenance schedule. Usually, gear oil & filter change should be done approximately every 15,000 miles; however, we do not recommend any deviations from the manufacturer's maintenance schedule.

The Differential (Rear End)

Suggested Tools: Differential Check/Fill Plug Wrench
Automotive Syringe (available at parts stores)
Hydraulic shop lift (rack)

Raise vehicle to elevated working position with shop lift.
Remove check/fill plug with wrench
Remove 4 oz. of gear oil with automotive syringe
Inject 4 oz. of Transmission Treatment into fill hole with automotive syringe.
If needed, add gear oil until fluid slowly appears and starts to run out of fill hole.
Replace and tighten check/fill plug with wrench.
Lower and remove vehicle from lift rack.
Your differential treatment is complete.

NOTE: For larger, commercial truck differentials, remove 8 oz. of fluid and inject 8 oz. of Transmission Treatment into fill hole.

Recommended Follow-up Maintenance: Add Transmission Treatment, according to the above method, each time the gear oil is changed in accordance with the vehicle manufacturer's recommended maintenance schedule. Usually, the gear oil should be changed approximately every 7,500 miles or 12 months, whichever comes first; however, we do not recommend any deviation from the manufacturer's maintenance schedule.

Recommended Follow-up Maintenance: Use the Flush Treatment and Engine Oil Treatment according to the above method, each time the power steering/rack assembly unit is drained and refilled with new power steering fluid in accordance with the vehicle manufacturer's recommended maintenance schedule. Usually, the system should be inspected for damage or leakage every 7,500 miles or 12 months (whichever comes first) and repairs made and fluid replaced if necessary. However, we do not recommend any deviations from the manufacturer's maintenance schedule.

Various other Product Applications:


POWER™ GREASE

Lubricate all chassis grease fittings with Power Grease approximately every 12 months or 7,500 miles, whichever comes first.

Clean and repack wheel bearings with Power Grease approximately every 15,000 miles or 30,000 miles.

Apply a coating of Power Grease to wheel lugs.

Brake Systems: ABS follower bearings, ABS motor bearings, caliper pins, and drum backing plate.

Power train: Accelerator control, belt-pulley bearings, clutch bearings, clutch spline, cruise control module, drive shaft, U-joint, fuel pump bearings, shift linkage, throttle butterfly bearings, turbo/supercharger, warm-up regulator.

Heating/Cooling System: Cable actuators, temperature sensor, visco fan bearings, water pump bearings.

Exhaust System: Exhaust manifold bolts, lambda probe.

Electrical: Alternator bearings, connector grease, distributor bearings, horn contact, miniature electric motors, starter bearings, window lift motor.

Body Hardware Group: Dash mounting & fitting, door check arms, door hinges, door locks/latches, electric antenna gear/clutch, lumbar adjustment gear, remote control mirror assembly, seat adjustment gears, seat belt carrier, seat belt latch, seat belt retractor spring, sunroof rails, window levers, windshield wiper gear.

THE POWER STEERING / RACK ASSEMBLY UNIT



Power Steering Treatment

ADVANTAGES: Removes Sludge & Metal Debris. Reconditions Rack Piston & Cylinders.

Suggested Tools: Screwdriver and/or
Open-end Wrench, Hydraulic Shop Lift (rack)

1. With engine OFF, raise vehicle, disconnect return hose and drain fluid from unit.
2. After fluid stops draining, start engine to pump all fluid from rack reservoir. Shut off engine.
3. Replace return hose and pour in 8 oz. of FLUSH.
4. Fill remainder of rack with power steering fluid.
5. Replace cap on reservoir and start engine. Allow engine to run for approximately 15 seconds.
6. Shut off engine; open reservoir and check fluid level (should be below "full" mark on dipstick). Add fluid to "full" mark on dipstick. This will eliminate air pockets. Allow engine to run for approximately 15 minutes.
7. With vehicle wheels on the ground, turn steering wheel lock to lock until smooth operation returns or a minimum of 30 times. Shut off engine and repeat steps 1 & 2 above.
8. Replace return hose; pour in 8 oz. of metal treatment and fill remainder of rack with power steering fluid. Repeat Steps 6 and 7 to eliminate air pockets.
9. Start engine; with vehicle wheels on the ground, turn steering wheel lock to lock until smooth operation returns, or a minimum of 5 to 10 times.
10. Drive vehicle approximately 5 to 10 miles; after each mile driven slow down to 2 to 3 MPH and turn wheel lock to lock several times.

NOTE: Some older, more troublesome, contaminated power steering/rack units may require a second flushing to thoroughly clean the system.

THE FUEL SYSTEM



100%™ Fuel System Maintenance

for Gas, Petrol, Ethanol, Propane, &
Natural Gas Engines

Cleans Tank "Like New"!!™

Synthetic Fuel Tank Additive
Friendly to the Environment & NON-HAZ-MAT

ADVANTAGES: Keeps Fuel Lines from Freezing, Reduces Emissions, Reduces Friction / Lubricates, Improves Mileage & Performance, Eliminates Pinging & Knocking, Restores Power & Acceleration, Will not void mfg. warranty, Improves Lower Quality Fuels, Biodegradable, Decreases Octane Requirement!! No need to purchase Octane boosters!! Cleans, Protects, Lubricates Fuel Injectors, Carburetors, Valves, & Combustion Chambers Disburses Water & Protects Injectors from Water Damage, **ONE TREATMENT:** Provides full PFI Clean Up & full Intake Valve Deposits Clean Up Suggested Tools: None

Has your system failed an emissions test lately, if so, add our **100%™** and take the test again. Our **100%™** reduces emissions 18–20%!! **Got Diesel??** Ask about **100%™** formulated just for Diesel!

DIRECTIONS: 12 oz./355 ml. treats 18–20 gallons/68-76 liters of fuel. When fuel indicator is at ¼ full, pour entire contents into fuel tank; thereafter, fill tank with fuel to blend. Do not refuel until fuel indicator is back to ¼ full - this allows our 100%™ to work on one full tank of fuel. It may take 2 or 3 fill-ups before **100%™** is finished doing its job and restores/improves MPG's.

For larger engines, add 1.5 oz / 44.36 ml. for each quart of oil. **100%™** blends with Petroleum or Synthetic Oils!

NOTE: **100%™** should be added 3 weeks prior to every oil change; depending on how dirty the fuel system is, the fuel filter may need changing after **100%™** cleans the system.



NOTE: For the first tank full or two, you may lose mileage until our treatment has finished doing its job. Thereafter, mileage is improved. It all depends on how dirty your fuel tank is – FYI.

It's a fact....we extend the life of your fuel system.

COST EFFECTIVE FUEL ADDITIVE



ONE-STEP™ Fuel Treatment

ADVANTAGES: Cleans and protects injectors, carburetor, valves, and upper cylinders. Lubricates valves and upper cylinders & protects against scoring, wear, and carbon build-up. Disperses water. Increases performance and mileage. Suggested Tools: Funnel

Initial Treatment: Prior to gasoline fill-up, add 12 oz. of *Ultimate Maintenance* **ONE-STEP™ Fuel Treatment** to the fuel tank (12 to 25 gallon tank). Fill the tank with fuel to blend thoroughly. For larger capacity tanks (26 to 50 gallons), add 24 oz. of **ONE-STEP™**. Drive as usual.

Recommended Follow Up Maintenance: Add **ONE-STEP™** according to the above method around the same time you get your oil changed. However, **ONE-STEP™** may be used at any time necessary to reduce rough engine performance due to inferior quality gasoline received at the fuel pumps.



POWER™ SPRAY LUBE - Safe on all Metals

OZONE SAFE - Contains no Silicones, Heavy Oils, Graphite, or Chlorinated Solvents - Leaves no Gummy Residue - *Creeps into hard-to-reach areas!!*

LUBRICATES / PENETRATES: Promotes smoother operation & eases metal-to-metal contact on moving parts. Frees-up seized nuts & bolts, loosens stuck frozen, or rusted metal parts, fasteners, pipe fittings, joints, threaded parts, sliding mechanisms, valves, sleeves, locks, hinges, latches, electrical connectors, pulleys, chains, winches, cables, operating controls, switches, battery terminals, etc.

CLEANS & PROTECTS: Removes dirt, grime, caked grease & oil while leaving a thin moisture-resistant film to stop rust & corrosion dead in their tracks!! Excellent for use on delicate mechanisms, precision instruments, office machines, power & hand tools, steel molds, dies, turbine engines, electrical motors, electronic systems, jigs, etc.

ELIMINATES MOISTURE PROBLEMS on electrical, electronic, communications, & wet/damp ignition systems without causing electrical resistance. **SAVES TIME & \$\$\$:** No need to disassemble complex machinery

BEFORE USE: Be sure to read & follow warnings / directions noted on product label and/or MSDS. **DIRECTIONS:** **SHAKE WELL BEFORE USE.** Hold can in upright position; direct valve opening toward area to be treated. In difficult cases of rust/corrosion, repeat application allowing a few minutes to soak the surface.

11 OZ - 312 GRAMS - AEROSOL SPRAY

THE CV JOINTS &



POWER™ Grease

ADVANTAGES: Adheres to metal surfaces of gears. Provides lubrication, protection and extended life to CV's. Dramatically reduces friction, heat, and wear. Will not run out if rubber boots become torn or damaged. Resists water washout.

Suggested Tools: Grease gun, "Plews" grease gun injector needle (available at parts stores), hydraulic shop lift (rack)

To apply Power™ Grease through existing boots without disassembling:

1. Place **Power™** Grease cartridge in grease gun according to arrows on the cartridge. Attach grease injector needle to grease gun. This injector needle has a zinc fitting which snaps into the zinc head on the end of the grease gun. For safety reasons, do not remove the protective cover from the needle until you are ready to insert needle in the thick outer rib of boot (the high
2. Inject **Power™** Grease by pumping gun slowly, approx. 25-30 times.
3. Repeat Step 3 for remaining boot(s).

To apply Power™ Grease when Joint is disassembled:

1. Pack **Power™** Grease thoroughly around joint.
2. Replace rubber boot.

Recommended Follow--up Maintenance: Use **Power™** Grease, according to the above method, each time grease in C.V. joint must be replaced in accordance with the vehicle manufacturer's recommended maintenance schedule. Usually, boots should be checked for damage, tears, or leakage every 7,500miles or 12 months (whichever comes first) and repairs made and grease replaced if necessary; however, we do not recommend any deviations from the manufacturer's maintenance schedule.

NOTE: While using the grease gun and injector needle for treating the C.V.'s with **Power™** Grease, you may also use the injector needle to apply **Power™** Grease to ball joints and other grease fittings that are protected by a rubber seal. Simply insert needle into rubber, penetrate and inject **Power™** Grease with the grease gun.