V/AJINOOO NEW EXHAUST SYSTEM • PAINT & BODY REFINISHING GENERAL AUTO REPAIRS AND **ENGINE TUNE-UPS**

Like car owners, cyclists also now help guard environment

ing a motorcycle today is Industry Council (MIC) apt to be an accountant has been formed. or a fashion designer on the way to the office or a family going to a picule, yet the public's image of the black leather-jacketed Marlon Brando still lingers as typical of the cyclist.

To dispel this image on behalf of the eight million cyclists (growing by an additional million yearly) and to represent the indistributors and trade as- panies, it can present the

The typical person rid- sociation, the Motorcycle

The MIC's latest endeavor, one It shares with the automotive industry. is to work with government agencles such as the U.S. Department of Transportation and Environmental Protection Agency on noise and air pollution reduction for cycles.

Since the MIC speaks terests of the cycle makers, for more than 80 com-

and works with them. One of the first concerns of the EPA in their research to determine sound levels for motorcycles was the level of technology available in the sound abatement area. Through the MIC they were en-

industry's over-all views to

the governmental agencies

couraged to visit various manufacturers' facilities. The manufacturers concerned were completely candid with the EPA officials and actually demonstrated capabilities beyond those that were thought possible.

The noise problem is primarily with the new

motorcycles available, for all must meet existing noise level standards in many states. The problem is with modified exhaust systems installed after the customer has purchased the machine. With this realization, the EPA has expanded its efforts beyoud controlling noise at the point of manufacture.

Through MIC efforts, legislators realize that motoreyeles are a legitimate recreation or transportation vehicle and that the laws and regulations controlling the use of motorcycles may well affect their neighbors if not them-

Trade-in value of auto can increase by \$500 when car in best shape

High car prices aren't always bad. That's a state ment most would agree with when they are selling

their own cars as used In most cases, the elevated prices of new cars have had a corresponding hike in the value of the used vehicle. This is particularly so when the old er car appeals to a buyer.

In expert says

A survey of professional buyers who work for new and used car dealerships revealed some "tricks of the trade" that help them determine prices of cars

Said one expert, "A used car that's in top condition can bring as much a . \$500 more than a nearly identical car that's been neg-lected. In fact, if the neglect is severe enough, the trade-in may have virtually only scrap value even if it's a fairly late model car'

Physical looks of the car are important but appear ance must be more than cosmetic deep, another expert claimed. A tre-h paint job might look mee at first glance but If it's luding damage, it could hurt the

Do it promptly

His advice, "As soon as a minor bump, nick or rust spot appears have it at tended to by a good professional repair man.

Also, keeping a car elean at all times is the best protection against premature paint wear. Again, if you do need a paint job, a quality job by a well-equip ped shop could pay off at trade-in time.

Engine condition Engine condition is the next most suspect question of the potential buyer.

A Pennsylvanta used car man remarked, "I have a lot of customers who are

Worn shocks often sneaky

Unlike a tire that suddenly blows out with a loud bang, worn shock absorbers can fail with little advance warning, Yet when shocks fail, the results can be just as perilous as a blow-out.

trading in older cars because they are having chronic darting trouble. And you can bet the first thing they look for in their newer purchase is durting case. Investing in a good set of plugs and making sure the battery is operating strong is a good investment before trade in."

Have a check done

A California used car dealer advised, "A reverse twist on an old habit could bring in extra dellars, too Smart buyers want to have their mechanics look over a car before they purchase to make sure there aren't any obvious and expensive defect. As a private seller, you mucht be smart to have your mechanic look over the car to take care of defect, his obvious off leak, that could kill a

A Florida dealer says the first look a prospective customer nets at a car may be the most critied one. On that hasis, it would pay the owner either to send his car to a professional recorditioner or be prepared to excit a little extra elbow grease of his own

Naturally, the car should be cleaned and polished, inside and out Up holstery should be cleaned with a good shampoo, glass and metal surfaces made spotless

Ganges and lights, mo-

A gauge that is not oncrating or a light that is out can stick out like a ore thumb It may cost only a matter of a few dollars to repair an item that could squelch the whole deal.

An Indiana salesman says, "Level with the buyer, and do both yourself and the future owner a favor."

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Tune-up is needed when aim is best performance

The carburctor, which

delivers the proper mix-

ture of air and fuel to the

intake manifold, should be

checked for leaks in the

gasket area. Excessive dirt

and varnish, improper

choke and faulty linkage

Related areas such as

Sometimes it isn't "busi-

ness as usual" when serv-

ming a new model car

equipped with a catalytic

converter. Take the mat

ter of using a carburetor

cleaner or other fuel addi-

Don't kill 'cat'

fuel pump, air filter, fuel

also are possible carbure

tor defects.

Better gasoline mileage. more pep, surer starting are all benefits to be derived from an engine tune up. But to get the maximum the service offers. Champion Spark Plug Company suggests the mo torist should become acquainted with what a good tune-up is and mata on-

the first of the state of the s

receiving all ingredients Before having a tune-up performed, make sure that the engine is in condition to benefit The engine should be in generally good mechanical condi tion, critical parts lubricated, the cooling system and exhaust functioning. An engine with burned valves, worn or damaged piston ribes cannot be tuned properly until worn or damaged parts are repaired

So it is important that eylinder balance and compression checks be performed to help detect any serious malfunctions

Instition system

Boy of any time-up meluds enauging of spark plugs and points and condenser in cars so entipped Some cars have electronic ignition without points and condenser. Checking all ignition components is recommended and if replacement of items that come in sets witch as plugs and plug wires) becomes necessary, then change the whole set.

Installing one or two plugs or wires is false economy since if several units need replacing then their mates will probably west out soon

line and fuel filter should be checked as part of the tune up procedure.

Emission control system Various emission control devices have been introduced into cars in the past few years. Each of these devices must be

is properly functioning for

best performance, depend-

tive Unless these sub-

stances are used in a cer-

tain prescribed way, they

could cause damage to

the converter, rendering

it useless. Read and follow

the directions exactly

ability, economy and re-

that price. Does it include parts or merely labor? Is the shop checked to make sure it equipped with devices like bargain.

duced exhaust emissions. So, when you see an ad for a tune-up at an unbe-

lievably low price, check what you are getting for

engine oscilloscopes, exhaust gas analyzers and other sophisticated equipment?

A good tune-up that will save you money and help your car to top perform. ance won't come cheaply. But a cheap tune-up is no



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"AT BAZ MOTORS WE CARE!"

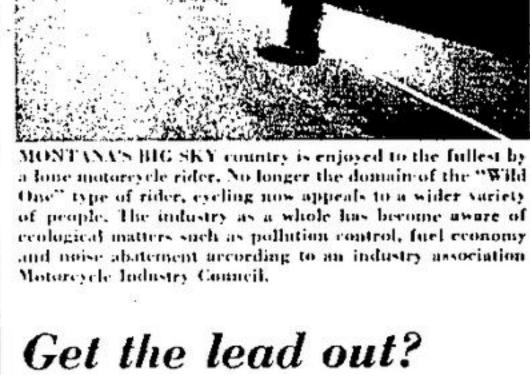
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Fuel for thought Should you be using unleaded fuel in your car? If you've been asking

yourself that question in the interest of protecting the environment, the answer may not be simple. New-model cars with catalytic converters should

protect the converter. verters still may be run

Owners of older models with low compression en-

Some cars without conwith unleaded gas, if the manufacturer recom-

use the unleaded fuel to your car can use the fuel

gines may or may not be able to use unleaded fuel safely. Those who would like to try it are advised to buy a tankful. If there is no engine knock, then safely. But should you hear the knock, indicating preignition or detonation, then go back to your regular brand of gasoline.

CARE FOR YOUR CAR CROSSWORD PUZZLE

40 De --- , former 11 Major Soviet ACROSS

Chrysler

cars (Pl.). tuned car does. 7 What a new plug 42 Account Executives (Abbrev.). 43 DiMaggio and 13 Enthusiastic Mays played about (two liere (Init.). 45 Hritish cars have 14 Install this to predrive on this vent engine wear. side (Abbrev.). 15 Neighbor of 46 French cleric.

48 Railroad 16 Lament (Abbrev.). 50 Gold in Granada, 27 What 21 and 24 18 Pace, pace 52 Actress ---19 Electrical Engincer (Abbrev.). - Tse (Oriental Philosopher). 29 Actor Chancy. 20 Chess piece. 21 Pollutant caused 55 What to do when tread gets 32 Males.

What a well-

by poor carbu-57 Kind of replace. 35 Terminals on this 23 German car (Abbrev.). 24 Pollutant caused 59 Famous stock by spark plug misfire (Init Pl.). 25 Type of glass used in old

28 Royal Norwegian name. 30 Shape of track Indy "500" 31 Electrical system

(Abbrev.). 35 To bestow shield wipers help you do.

37 Rear --collision. 38 Conditioner or cleaner (Pl.). 39 Side --window.

60. Dependable. I Important part of some brake systems.

too thin.

ment tires.

car racing

family.

2 Rotate this every 10,000 miles (Except radials). 3 Ripen. measurement 4 Blood factor. 34 French negative. 5 Spanish for

36 What good wind- driving on this. (Abbrev.). B Writing imple-

component.

6 Slow down when 51 Former N.Y. 7 Upper classman 53 - Brown and ments. 9 Exclamation.

Renown. 54 --- Vegas. 56 Clara Bow's 10 Connecting quality. 58 Consumer's vital engine

44 What many vital maintenance checks are for motorists. 47 Sesame Street Ernie's friend 48 Deeply attentive.

12 How to drive on

17 --- joint, vital

drive train part.

emission control

system (Abbrev.).

wet streets.

20 Vital valve in

22 Ignition switch

24 All - on deck.

position.

26 Talk back to

(Collog.).

Across are.

28 All for -- and

--- for all.

30 Vandeville act.

should be cleaned

periodically.

eight-cylinder

39 Shape of most

41 Sink - swim

42 Lum's partner. 43 Business abbre-

33 Favorite.

49 Optimistic. Giant slugger. his Band of

Umon (Init.).