SL 102A-15
6-11-81

FIAT SERVICE LETTER

SUBJECT: GASOHOL

VEHICLES: ALL MODELS

GENERAL INFORMATION: Gasohol is a fuel mixture consisting of 90% non-leaded gasoline and 10% ethanol.
Due to the increasing availability of gasohol, a study was initiated to test the use of gasohol in Fiat vehicles.
The results of this study are printed on the reverse side of this page.

IMPORTANT: Since Fiat vehicles are homologated for gasoline usage, engine components or adjustments must not be changed or modified to accommodate gasohol usage.
Also, all state or local regulations concerning the use of gasohol must be observed.

All dealer service personnel and vehicle owners known to be using gasohol, should be advised of the results of the above mentioned study, especially as it relates to the vehicle's performance, driveability, and fuel system components.

WARRANTY INFORMATION: Gasohol may be used in Fiat vehicles without affecting the normal warranty coverage. However, the gasohol used must be no more than 10% ethanol and the same recommended octane rating as unleaded gasoline (at least 91 octane Research Method).
The warranty will not cover:

- possible paint damage due to gasohol spillage on paint surface.
- any adverse effects of vehicle driveability or incidents which are directly caused by gasohol usage.

OVER

READ, INITIAL AND PASS ON

Service Manager	Parts Manager	Service Writer	Technician

GASOHOL PERFORMANCE TESTS

The results of the gasohol performance tests are as follows:

Tests	Results
1. Driveability	• No noticeable difference in engine performance. • Due to different vaporization characteristics of gasohol, at low ambient temperatures, cold starting or engine hesitation problems may be experienced that would not normally occur when appropriate grade of gasoline is used.
2. Fuel economy	• There is little difference in gas mileage performance. • Since most gasohol is generally of a higher octane than gasoline, engine knock occurence during acceleration should be less.
3. Exhaust Emissions	• HC and CO emissions are not affected. • Due to the higher volatility of gasohol, vapor lock, percolation, hot restart problems may occur at ambient temperature conditions not normally producing these symptoms with the use of appropriate grade gasoline.
4. Fuel System Components	• Gasohol may: - deteriorate - • non metal parts in fuel filter or fuel pump (mechanical or electrical) • fuel line hose • fuel vapor separator • engine inlet valve oil stem seals - internal corrosion of - • fuel tank • fuel injectors • fuel pump • other fuel injection system parts exposed to gasohol NOTE: If a vehicle is being left inoperative for a long period of time, it is recommended that gasohol be removed from fuel tank. Also frequent inspection of the fuel system components should be performed.
5. Paint	• Paint bubbles or peeling of acrylic based metallic paint may be experienced if paint is exposed to gasohol.