

Maintenance Management Information System

A Maintenance Management Information System (MMIS) is essential for the scheduling of maintenance activities and controlling labor and material costs. MMIS software does not replace effective maintenance program management. Rather, it serves as a tool to make that program faster and more efficient. Proper use of the software provides management with the ability to evaluate the effects of changes in maintenance procedures and policies.

Transit agencies can obtain a MMIS on the Internet, from a specialized vendor, or rely on standard business software. A MMIS should be able to perform the following functions and generate accompanying reports:

- Determine vehicle status, including the tracking of mileage and fuel purchases;
- Generate and track work orders;
- Track and schedule PM inspections and services;
- Track services performed externally;
- Labor details;
- Vehicle licensing information;
- Update vehicle history files;
- Assign costs to various cost centers;
- Update parts inventory;
- Issue purchase orders;
- Track driver information;
- Retain insurance data;
- Document roadcalls;
- Maintain a list of vendors; and
- Document warranty recovery.

An example of a maintenance status report from a MMIS follows:

At any time, you can view the current status of the PM services defined for a vehicle.

This function will allow you to see what PM services are currently in need of attention and the status of the other maintenance operations that are not in need of attention. To report **ONLY** the maintenance due, use the PM Check Wizard instead.

To view the Current Maintenance Status:

- 1) Select a vehicle on the Fleet Manager screen.
- 2) Click the button on the Fleet Manager screen.

Current Maintenance Status - 214 - 2001 Dodge RAM 1500

Drag a column header here to group by that column

Maintenance Operation	Type	Last Performed		Interval Settings		Next Due	
		Date	Mileage	Days	Mileage	Date	Mileage
Adjust Valve Clearance	Normal	9/12/2001	24736	730	30000	9/12/2003	54736
Air Conditioner Compressor	Normal	9/12/2001	24736	0	100000	3/6/2003	124736
Air Filter	Normal	9/12/2001	24736	12	10000	9/23/2001	34736
Alignment	Normal	9/12/2001	24736	730	20000	9/12/2003	44736
Alternator	Normal	9/12/2001	24736	0	100000	3/6/2003	124736
Brake Drum Shoe	Normal	9/12/2001	24736	1460	40000	9/11/2005	64736
Brake Fluid	Normal	9/12/2001	24736	730	30000	9/12/2003	54736
Brake Shoes	Normal	9/12/2001	24736	0	0	9/12/2003	0
Cap, Rotor, & Wire	Normal	9/12/2001	24736	1460	60000	9/11/2005	84736
Catalytic Converter	Normal	9/12/2001	24736	0	100000	3/6/2003	124736
Change Oil and Filter	Normal	9/12/2001	24736	90	3000	12/11/200	27736
Change Transmission Fluid	Normal	9/12/2001	24736	730	30000	9/12/2003	54736
Change Windshield Wipers	Normal	9/12/2001	24736	730	30000	9/12/2003	54736
Check PVC Valve	Inspection	9/12/2001	24736	30	1500	10/12/200	26236

Maintenance Type Viewing

- Fluids
- Inspection
- Normal
- Other

Maintenance Highlighting

- Required Maintenance ■
- Warning Maintenance ■
(Maintenance soon due)

Current Information

Date: 9/12/2001 Mileage: 34592

Print... Help Close

3) The Current Maintenance Status screen displays a list of PM services that details the following for each:

- Date and mi/km/hr that the service was last addressed.
- Desired interval at which the service should be addressed.
- The calculated date and odometer reading at which the service will be due.

4) You can easily see what is currently due by the RED color coded interval data. The YELLOW interval data is what will soon be due (less than 15 days, or 250 mi/km/hr). These parameters can be changed on the Configure Fleet Maintenance Pro screen. BLUE simply indicates the service is not currently due.