

This document contains record layouts for the Fleet Information System interface file that is used to submit Fuel Consumed data, Maintenance and Repair Data and Utilization data. The first record layout is for the Document Header and the second is for the Document Line. If Document Line records are included on the interface file, they will be associated with the Vehicle in the immediately preceding Document Header record.

The Document Header should be used to report individual transactions of fuel purchases, maintenance and repair activity or vehicle usage or to report the total fuel purchases, total maintenance and repair activity or total vehicle usage for a vehicle for a reporting period.

The Document Line record is optional and can be used when individual maintenance and repair records are submitted. It allows additional details to be recorded for the individual maintenance and repair records. None, one or more Document Line records can be associated with a Document Header record for individual maintenance and repair records.

If an interface record is submitted with invalid data, the record will be rejected. Required fields must be populated. Conditional fields must be populated if the required condition is met. Date fields must be spaces when a value for a date field is not sent. All other numeric fields must be zero filled and should include no formatting such as commas or decimal points. For example, if the Total Length of a numeric field is 7 and the Decimal Places are 2, the amount 525.50 should be 0052550.

DATA TYPES: AN - Alpha-Numeric; N - Numeric

DATE FORMAT: YYYYMMDD

* See information about codes and permitted values at: <http://www.oa.mo.gov/gs/fm/tablevalues.htm>

Attribute	Required/ Optional/ Conditional	Explanation	Data Type	Total Length	Decimal Places	Start Position	End Position
Document Header Record							
Record Type	R	Value is H. This identifies the record as a Document Header.	AN	1	0	1	1
Vehicle Identification Number (VIN)	R	The number stamped or engraved on the unit by the manufacturer.	AN	17	0	2	18
Agency	R	SAM II Agency Number where the vehicle is permanently assigned.	AN	3	0	19	21
Organization	R	SAM II Organization Number where the vehicle is permanently assigned.	AN	4	0	22	25
Safety Inspection Date	O	Date of the last safety inspection.	N	8	0	26	33
Next Safety Inspect Date	O	Date of the next safety inspection.	N	8	0	34	41
Emissions Inspection Date	O	Date of the last emissions inspection.	N	8	0	42	49
Next Emissions Inspection Date	O	Date of the next emissions inspection.	N	8	0	50	57

Attribute	Required/ Optional/ Conditional	Explanation	Data Type	Total Length	Decimal Places	Start Position	End Position
Fuel Purchase Date	C	Required when submitting Fuel Purchase. If entering an individual fuel purchase, enter the purchase date. If entering a total for a reporting period, enter the last day of the reporting period.	N	8	0	58	65
Fuel Units Purchased	C	Required when submitting Fuel Purchase. Number of units purchased.	N	6	2	66	71
Fuel Unit Of Consumption *	C	Required when submitting Fuel Purchase.	AN	20	0	72	91
Fuel Cost	C	Required when submitting Fuel Purchase. If entering fuel cost for an individual fuel purchase, enter the cost of the fuel purchase. If entering the fuel cost for a reporting period, enter the total fuel costs for the period.	N	7	2	92	98
Fuel Type *	C	Required when submitting Fuel Purchase. Fuel type of the vehicle. B20, gas, LPG, etc.	AN	10	0	99	108
Maintenance or Repair (M or R) Date	C	Required when submitting M or R data. If entering individual maintenance or repair records, enter the service date. If entering a total for a reporting period, enter the last day of the reporting period.	N	8	0	109	116
M or R City	O	City where work was performed.	AN	24	0	117	140
M or R Odometer Reading	C	Required if the PM1, PM2 or PM3 Indicator is Y. Odometer reading at time of maintenance or repair.	N	9	2	141	149
M or R Invoice Number	O	Vendor invoice number of maintenance or repair.	AN	12	0	150	161
M or R Notes	O	Additional notes/description of maintenance or repair.	AN	254	0	162	415
M or R Vendor Name	O	Vendor that performed the maintenance or repair.	AN	40	0	416	455
PM1 Indicator	O	"Y" if the repair included Preventive Maintenance 1.	AN	1	0	456	456
PM2 Indicator	O	"Y" if the repair included Preventive Maintenance 2.	AN	1	0	457	457

Attribute	Required/ Optional/ Conditional	Explanation	Data Type	Total Length	Decimal Places	Start Position	End Position
PM3 Indicator	O	"Y" if the repair included Preventive Maintenance 3.	AN	1	0	458	458
Amount Paid by Insurance	O	Amount of the maintenance and/or repair that was paid by insurance.	N	9	2	459	467
Maintenance Total	O	Amount of the maintenance that was not paid by insurance.	N	9	2	468	476
Repair Total	O	Amount of the repair that was not paid by insurance.	N	9	2	477	485
M and R Total	O	Leave blank when submitting Amount Paid by Insurance, Maintenance Total and/or Repair Total because the M and R Total will default to the sum of these three fields. If Amount Paid by Insurance, Maintenance Total and Repair Total are all 0, submit the total maintenance and repair cost for an individual repair or the total for the reporting period.	N	9	2	486	494
Utilization End Report Date	C	Required when submitting Utilization data. If entering the total for a reporting period, enter the last day of the reporting period. If entering individual utilization records for a vehicle, enter the date of the utilization. If there is more than one utilization record per vehicle, submit the records for the vehicle sorted ascending on the Utilization End Report Date and then ascending on the Utilization Odometer Reading.	N	8	0	495	502
Utilization Odometer Reading	C	Required when submitting Utilization data. Odometer reading of the vehicle at the end of the utilization period. (See the explanation for Utilization End Report Date for sorting requirements when submitting more than one Utilization record per vehicle)	N	9	2	503	511
Commute Miles	O	Number of commute miles during utilization period.	N	6	2	512	517

Attribute	Required/ Optional/ Conditional	Explanation	Data Type	Total Length	Decimal Places	Start Position	End Position
User Agency	O	Agency number of user if other than owner.	AN	3	0	518	520
User Organization	O	Organization number of user if other than owner.	AN	4	0	521	524
Filler	R	Spaces	AN	76	0	525	600

This is the layout for Document Line Record (Maintenance and Repair Detail lines)

Document Line Record							
Record Type	R	Value is L This identifies the record as a document line record.	AN	1	0	1	1
VMRS Reason Code *	O	American Trucking Association Vehicle Maintenance Reporting Standards (VMRS).	AN	2	0	2	3
VMRS Work Code *	O	American Trucking Association Vehicle Maintenance Reporting Standards (VMRS).	AN	2	0	4	5
VMRS System Code *	O	American Trucking Association Vehicle Maintenance Reporting Standards (VMRS).	AN	3	0	6	8
VMRS Assembly Code *	O	American Trucking Association Vehicle Maintenance Reporting Standards (VMRS).	AN	3	0	9	11
VMRS Component Code *	O	American Trucking Association Vehicle Maintenance Reporting Standards (VMRS).	AN	3	0	12	14
Maintenance and Repair Detail Notes	O	Additional text to document the service record.	AN	100	0	15	114
Labor Detail Cost	O	The labor cost for the detail record. If supplied, this plus the parts detail record will equal the Total Detail Cost.	N	7	2	115	121
Parts Detail Cost	O	The parts cost for the detail record. If supplied, this plus the labor cost will equal the Total Detail Cost.	N	7	2	122	128

Attribute	Required/ Optional/ Conditional	Explanation	Data Type	Total Length	Decimal Places	Start Position	End Position
Total Detail Cost	C	Required if labor detail cost and parts detail cost are blank. This is the total cost for the detail record.	N	8	2	129	136
Filler	R	Spaces	AN	464	0	137	600