

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

GENERAL—EXTERIOR

1. Extent of Fire Damage
% of Vehicle with Fire Damage _____

2. Exterior Impact and Fire Damage

	None	Impact damage	Heat damage	Impact and heat	Consumed	Not applicable	Unknown
(0) Hood							
(1) Roof							
(2) Decklid (Hatch)							
(3) Bed (Pickup)							
Right Side							
(4) Front Fender							
(5) Front Door							
(6) Rear Door							
(7) Rear Fender							
Left Side							
(8) Front Fender							
(9) Front Door							
(10) Rear Door							
(11) Rear Fender							
(12) Front Grille Bumper							
(13) Rear Bumper, Back Plane							

3. Fuel Tank #1 Filler Cap Location _____

- (1) On back plane
 - (2) Aft of center of the rear wheels (rear axle) on left side plane
 - (3) Aft of center of the rear wheels (rear axle) on right side plane
 - (4) Forward of center of the rear wheels (rear axle) on left side plane
 - (5) Forward of center of the rear wheels (rear axle) on right side plane
 - (6) Over the center of the rear wheels (rear axle) on left side plane
- (Continued ...)

- (7) Over the center of the rear wheels (rear axle) on right side plane
- (8) Other (specify): _____

(9) Unknown

4. Fuel Tank #1 Filler Cap Presence _____

- (0) Not present
- (1) Present, mis-installed
- (2) Present
- (3) Consumed
- (8) Not applicable (N/A)
- (9) Unknown

5. Fuel Tank #2 Filler Cap Location _____

- (0) No fuel tank
- (1) On back plane
- (2) Aft of center of the rear wheels (rear axle) on left side plane
- (3) Aft of center of the rear wheels (rear axle) on right side plane
- (4) Forward of center of the rear wheels (rear axle) on left side plane
- (5) Forward of center of the rear wheels (rear axle) on right side plane
- (6) Over the center of the rear wheels (rear axle) on left side plane
- (7) Over the center of the rear wheels (rear axle) on right side plane
- (8) Other (specify): _____

(9) Unknown

6. Fuel Tank #2 Filler Cap Presence _____

- (0) Not present
- (1) Present, mis-installed
- (2) Present
- (3) Consumed
- (8) Not applicable (N/A)
- (9) Unknown

Attach additional forms for more than 2 filler caps

7. Miscellaneous Exterior Details

- (0) All OEM Components
- (1) List Non-OEM Components (trailer hitches, running boards, light bars, etc. (specify): _____

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

ENGINE COMPARTMENT

- 8. Fuel Type** _____
(0) Gasoline
(1) Diesel
(2) Propane
(3) Other (specify): _____

- 9. Engine Direction** _____
(0) Longitudinal
(1) Transverse

- 10. Exhaust Manifold Position in Engine Compartment (with respect to vehicle)**
(check all that apply)

Right _____
Left _____
Front _____
Rear _____
Other _____

- 11. Engine Compartment Fire Damage** _____
(0) No heat
(1) Minor heat (some consumables)
(2) Moderate heat
(3) Major heat (little or no consumables remaining)

- 12. Fuel Pump Type** _____
(0) Mechanical
(1) Electric (in tank)
(2) Electric (outside tank)
(3) Other (specify): _____
(9) Unknown

Cooling System

- 13. Radiator Cap** _____
(0) Cap missing
(1) Cap present
(2) No cap by design
(9) Unknown

- 14. Radiator Fluid** _____
(0) No fluid
(1) Fluid present in radiator
(9) Unknown

- 15. Radiator Impact Damage** _____
(0) No damage—Not displaced
(1) No damage—Displaced due to impact
(2) Minor damage—Displaced into cooling fan
(3) Direct damage moderate—Fins
(4) Direct damage severe—Tubes broken or tank breached
(9) Unknown

- 16. Radiator Fire Damage** _____
(0) No evidence of fire at radiator
(1) Heat damage minor—Rusted but intact
(2) Heat damage moderate
(3) Heat damage major—Little or no consumables remaining

- 17. Radiator Coolant Hose—Upper Connection to Radiator**
(check all that apply)
(0) Undamaged upper hose
(1) Undamaged—one or more hose clamps missing
(2) Present with heat damage
(3) Consumed hose except under hose clamp
(4) Consumed hose clamp present
(5) Consumed hose clamp missing
(6) Impact damage
(9) Unknown

- 18. Radiator Coolant Hose—Lower Connection to Radiator**
(check all that apply)
(0) Undamaged lower hose
(1) Undamaged—one or more hose clamps missing
(2) Present with heat damage
(3) Consumed hose except under hose clamp
(4) Consumed hose clamp present
(5) Consumed hose clamp missing
(6) Impact damage
(9) Unknown

- 19. Heater Hoses** (check all that apply)
(0) Undamaged hoses
(1) Undamaged—one or more clamps missing
(2) Present with heat damage
(3) Consumed hose except under hose clamp
(4) Consumed hose clamp present
(5) Consumed hose clamp missing
(6) Impact damage
(9) Unknown

- 20. Auxiliary Connections to Radiator**
(check all that apply)
(0) None
(1) Transmission oil cooler
(2) Engine oil cooler
(3) Power steering fluid
(9) Unknown

- 21. Damage to Auxiliary Radiator Connections**
(0) No auxiliary connection
(1) No Damage
(2) Damaged—Breached / Broken (specify) _____

(9) Unknown

- 22. Coolant Reservoir Cap** _____
(0) Cap Not Present
(1) Cap Not Damaged
(2) Damaged—Breached / Broken
(3) Consumed
(4) Consumed with unknown impact damage
(5) Consumed with impact damage
(9) Unknown

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

23. Coolant Reservoir Material _____

- (0) Non-Metallic
- (1) Metallic
- (9) Unknown

24. Coolant Reservoir _____

- (0) Reservoir consumed
- (1) No fluid present
- (2) Fluid present

25. Coolant Reservoir Damage _____

- (0) Coolant fluid reservoir undamaged
- (1) Coolant reservoir impact damaged only (no heat)
- (2) Coolant reservoir heat damaged only
- (3) Coolant reservoir impact and heat damaged
- (9) Unknown

26. Summary—evidence of coolant leaks prior to fire or due to impact: _____

Engine Electrical

27. Battery Location in Engine Compartment _____

- (0) Battery not in Engine Compartment
- (1) Left Front
- (2) Right Front
- (3) Left Rear
- (4) Right Rear
- (9) Unknown

28. Battery Condition _____

- (0) No damage
- (1) Impact damaged (broken)—No heat
- (2) Heat damage only
- (3) Heat and impact damage
- (9) Unknown

29. High Current Electrical Cables

(Enter applicable code for each)

Battery Positive _____

Battery Ground _____

Starter _____

Alternator _____

- (0) No damage
- (1) Broken, damaged, or disconnected (no heat damage)
- (2) Heat damaged only
- (3) Broken / Disconnected from impact— with heat damage
- (9) Unknown

30. Engine Ignition Wires _____

- (0) No damage
- (1) Broken, damaged, or disconnected (no heat damage)
- (2) Heat damage only
- (3) Broken / damaged—with heat damage
- (9) Unknown

31. Fuses and Fusible Links _____

- (0) No damage
- (1) Burn damage
- (2) Damaged, Describe _____
- (9) Unknown

32. Battery Voltage (volts) _____

99.9 Unknown

33. Resistance of battery lead to ground (ohms) _____

34. Summary—evidence of ignition and fuel sources from engine electrical systems: _____

Power Steering

35. Power Steering Reservoir _____

- (0) Reservoir consumed
- (1) No fluid present
- (2) Fluid present
- (8) No power steering
- (9) Unknown

36. Power Steering Reservoir Material _____

- (0) Non-Metallic
- (1) Metallic
- (8) Not applicable (N/A)

37. Power Steering Damage _____

- (0) Power steering reservoir undamaged
- (1) Power steering reservoir impact damaged— no heat
- (2) Power steering reservoir heat damaged only
- (3) Power steering reservoir impact and heat damaged
- (8) Not applicable (N/A)
- (9) Unknown

38. Power Steering Lines and Connection to Gear _____

- (0) No damage
- (1) Impact damage—broken / severed— no heat damage
- (2) Heat damage only
- (3) Impact and heat damage
- (8) Not applicable (N/A)
- (9) Unknown

Brake System

39. Brake Fluid _____

- (0) Reservoir consumed
- (1) No fluid present
- (2) Fluid present

40. Brake Reservoir Material _____

- (0) Non-Metallic
- (1) Metallic
- (9) Unknown

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

- 41. Brake System Damage** _____
- (0) Brake fluid reservoir undamaged
 - (1) Brake reservoir impact damaged only (no heat)
 - (2) Brake reservoir heat damaged only
 - (3) Brake reservoir impact and heat damaged
 - (9) Unknown

- 49. Engine Compartment Fuel System Impact Damage** _____
- (0) No impact damage
 - (1) Impact damage—not breached / broken
 - (2) Impact damage—breached / broken
 - (3) Impact damage—unknown breach / break

- 42. Brake Master Cylinder, Lines and Connections** _____
- (0) No damage
 - (1) Impact damage—damaged / severed—no heat damage
 - (2) Heat damage only
 - (3) Impact and heat damage

- 50. Summary—evidence of hydraulic or fuel leak prior to fire or due to impact** _____
- _____
- _____
- _____

Air Intake System

- 43. Air Intake System Material** _____
- (0) Non-Metallic
 - (1) Metallic
 - (2) Combination
 - (9) Unknown

Miscellaneous Engine Compartment

- 51. Washer Fluid Bottle** _____
- (0) No damage
 - (1) Impact damage only
 - (2) Heat damage only
 - (3) Heat and Impact damage
 - (4) Full Consumed

- 44. Air Intake System Damage** _____
- (0) No damage
 - (1) Impact damage—damaged / severed—no heat damage
 - (2) Heat damage only
 - (3) Impact and heat damage

- 52. Bulkhead** _____
- (0) No visible entry to passenger compartment
 - (1) Visible entry to passenger compartment

Fuel Delivery System

- 53. Location of Entry to Passenger Compartment**
(select all that apply)
- (0) Steering Column or Steering Pinion Gear _____
 - (1) Heat and A/C system _____
 - (2) Wire Harness to Fuse Block _____
 - (3) Other wire harness entries _____
 - (4) Windshield _____
 - (5) Other (specify): _____
 - (8) No entry of fire to passenger compartment _____

- 45. Mechanical Fuel Pump Location** _____
- (0) No mechanical pump
 - (1) Left front engine compartment
 - (2) Right front engine compartment
 - (3) Left rear engine compartment
 - (4) Right rear engine compartment

- 54. Oil Filter** _____
- (0) No damage to filter
 - (1) Impact damage—no heat
 - (2) Heat damage only
 - (3) Impact and heat damage
 - (4) Consumed by fire

- 46. Mechanical Pump Damage** _____
- (0) No mechanical pump damage
 - (1) Impact damage—no heat
 - (2) Heat damage only (melted)
 - (3) Impact and heat damage

- 55. Exhaust Manifold Material** _____
- (0) Cast Iron
 - (1) Formed Steel
 - (2) Other (specify): _____

- 47. Engine Compartment Metallic Fuel Lines** _____
- (0) No damage; lines intact
 - (1) Fuel line impact damage (broken / severed)

- 48. Engine Compartment Flexible Fuel Hoses** _____
- (0) No hose damage—clamps are present
 - (1) Heat damage—one or more clamps not present
 - (2) Heat damage—clamps present
 - (3) Hoses consumed—clamps present with evidence of hose under clamp
 - (4) Hoses consumed—clamps present—no evidence of hose under clamp
 - (5) Hoses consumed—clamps not present
 - (6) Hoses consumed—clamp presence unknown
 - (9) Unknown

- 56. Engine Impact Damage** _____
- (0) No visible damage to engine
 - (1) Engine damage—no release of fluids
 - (2) Engine damage—release of fluids
 - (3) Engine damage—unknown if release of fluids

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

57. Summary—describe engine damage and location of oil release:

60. Interior Contents

(0) No unusual contents noted

(1) Flammable contents noted—specify: _____

61. Trunk / Cargo Area / Pick Up Bed

(0) No heat damage

(1) Minor heat damage

(2) Moderate heat damage

(3) Major heat damage

62. Trunk / Cargo Area / Pick Up Bed Contents

(0) No unusual contents noted

(1) Flammable contents noted—specify: _____

Window/Glass Inspection—Fixed Glass
(Damage defined as hole in glass)

63. Windshield

(0) No damage

(1) Impact damage—hole

(2) Heat damage

(3) Impact and heat damage

(4) Impact or heat damage

64. Back Lite

(0) No damage

(1) Impact damage—hole

(2) Heat damage

(3) Impact and heat damage

(4) Impact or heat damage

(5) Removed prior to impact

65. Fixed Side Glass Left Side

(0) No damage

(1) Impact damage

(2) Heat damage

(3) Impact and heat damage

(4) Impact or heat damage

(5) Removed prior to impact

(6) Not applicable (N/A)

66. Fixed Side Glass Right Side

(0) No damage

(1) Impact damage

(2) Heat damage

(3) Impact and heat damage

(4) Impact or heat damage

(5) Removed prior to impact

(6) Not applicable (N/A)

Window/Glass Inspection—Non-Fixed Glass

67. Left Front Window Condition

(0) No damage

(1) Impact damage

(2) Heat damage—broken

(3) Impact and heat damage

(4) Impact or heat damage

(5) Removed prior to impact

(8) Not applicable (N/A)

(9) Unknown

Interior Fire Examination

58. Interior Fire Damage

(0) No interior damage

(1) Minor heat damage (some components consumed)

(2) Moderate heat damage

(3) Major heat damage (few or no components remain)

59. Interior Fire Damage Areas

	None	Impact damage	Heat damage	Impact and heat	Consumed	Not applicable	Unknown
(0) No heat damage (entire interior)							
Instrument panel							
(1) Left							
(2) Right							
(3) Underside							
(4) Steering column & wheel							
(5) Left front seat							
(6) Right front seat							
(7) Left rear seat							
(8) Right rear seat							
(9) Rear deck/hatch							
Carpeting— Floor coverings							
(10) Left front							
(11) Right front							
(12) Left rear							
(13) Right rear							

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

68. Left Front Window Position (Prefire)

- (0) Full down
- (1) Full up
- (2) Partial open
- (3) Removed prior to impact
- (8) Not applicable (N/A)
- (9) Unknown

69. Right Front Window Condition

- (0) No damage
- (1) Impact damage
- (2) Heat damage—broken
- (3) Impact and heat damage
- (4) Impact or heat damage
- (5) Removed prior to impact
- (8) Not applicable (N/A)
- (9) Unknown

70. Right Front Window Position (Prefire)

- (0) Full down
- (1) Full up
- (2) Partial open
- (3) Removed prior to impact
- (8) Not applicable (N/A)
- (9) Unknown

71. Left Rear Window Condition

- (0) No damage
- (1) Impact damage
- (2) Heat damage—broken
- (3) Impact and heat damage
- (4) Impact or heat damage
- (5) Removed prior to impact
- (8) Not applicable (N/A)
- (9) Unknown

72. Left Rear Window Position (Prefire)

- (0) Full down
- (1) Full up
- (2) Partial open
- (3) Removed prior to impact
- (8) Not applicable (N/A)
- (9) Unknown

73. Right Rear Window Condition

- (0) No damage
- (1) Impact damage
- (2) Heat damage—broken
- (3) Impact and heat damage
- (4) Impact or heat damage
- (5) Removed prior to impact
- (8) Not applicable (N/A)
- (9) Unknown

74. Right Rear Window Position (Prefire)

- (0) Full down
- (1) Full up
- (2) Partial open
- (3) Removed prior to impact
- (8) Not applicable (N/A)
- (9) Unknown

75. Sun Roof Condition

- (0) No integrity loss
- (1) Integrity loss—impact
- (2) Integrity loss—heat
- (3) Impact and heat
- (4) Impact or heat
- (5) Removed prior to impact
- (8) Not applicable (N/A)
- (9) Unknown

76. Sun Roof Position (Prefire)

- (0) Full open
- (1) Full closed
- (2) Partially open
- (8) Not applicable (N/A)
- (9) Unknown

77. Summary—evidence of open window prior to fire:

Electrical Controls—Interior

78. Position of Fuel Selector Valve Switch

- (0) No selector valve switch
- (1) Tank #1 Position
- (2) Tank #2 Position
- (3) Unidentified position
- (9) Unknown

79. Heater Controls

- (0) Heater Off
- (1) Heater On
- (2) A/C On
- (3) A/C Off
- (4) Unidentified position
- (9) Unknown

80. Fan Control

- (0) Fan Off
- (1) Fan On
- (2) Unidentified position
- (9) Unknown

81. Wiper Controls

- (0) Wiper Off
- (1) Wiper On
- (2) Wiper Intermittent
- (3) Unidentified position
- (9) Unknown

82. Headlight Controls

- (0) Off
- (1) Parking
- (2) On
- (3) Unidentified
- (9) Unknown

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

Under Carriage Fire Inspection

83. General _____

- (0) No heat damage under vehicle _____
- (1) % of undercarriage with heat damage _____

84. Location of Under Carriage Heat Damage— _____

(select all that apply)

- (0) None _____
- (1) Forward of front axle _____
- (2) Between front axle and mid vehicle _____
- (3) Between mid vehicle and rear axle _____
- (4) Aft of rear axle _____

85. Fuel Tank _____

Number of Fuel Tanks _____

For more than two tanks use additional forms

Fuel Tank #1

86. Fuel Tank #1 Type _____

- (0) Non-Metallic _____
- (1) Metallic _____

87. Fuel Tank #1 Location _____

(Rear axle = Center of rear wheel)

- (0) Aft of rear axle—center _____
- (1) Aft of rear axle—left _____
- (2) Aft of rear axle—right _____
- (3) Forward of rear axle—center _____
- (4) Forward of rear axle—left _____
- (5) Forward of rear axle—right _____
- (6) Over rear axle _____
- (7) In rear quarter panel _____
- (8) Other—specify: _____

88. Fuel Tank #1 Impact Damage _____

- (0) No damage to fuel tank _____
- (1) Deformed _____
- (2) Deformed, near seam or failure _____
- (3) Punctured _____
- (4) Lacerated (ripped) _____
- (5) Abraded (scraped) _____
- (6) Other—specify: _____
- (9) Unknown _____

89. Fuel Tank #1 Impact Damage Location _____

(check all that apply)

- (0) Top _____
- (1) Bottom _____
- (2) Front _____
- (3) Rear _____
- (4) Left side _____
- (5) Right side _____
- (8) Not applicable (N/A) _____
- (9) Unknown _____

90. Fuel Tank #1 Damage Source _____

- (0) Adjacent vehicle components _____
- (1) Tank straps, clamps & support structure _____
- (2) Impacting vehicle _____
- (4) Other (specify): _____
- (8) Not applicable (N/A) _____
- (9) Unknown _____

91. Fuel Tank #1 Heat Damage _____

- (0) None _____
- (1) Heat damage—no breach from heat _____
- (2) Heat damage—partially melted _____
- (3) Heat damage—grossly deformed _____
- (4) Consumed _____
- (5) Heat-induced pressure rupture _____

92. Fuel Level Line _____

- (0) No line identification _____
- (1) Three quarters full or more _____
- (2) One half full _____
- (3) One quarter full or less _____
- (8) Not applicable (N/A) _____
- (9) Unknown _____

93. Fuel Level Line Angle _____

_____ Degrees to rocker or underbody frame

- (0) Front up _____
- (1) Rear up _____
- (8) Not applicable (N/A) _____
- (9) Unknown _____

94. Sending Unit Location _____

- (0) Top _____
- (1) Bottom _____
- (2) Front _____
- (3) Rear _____
- (4) Left side _____
- (5) Right side _____
- (9) Unknown _____

95. Sending Unit Damage _____

- (0) No damage _____
- (1) Unit loose in tank / seal broken / no heat damage _____
- (2) Heat damage only _____
- (3) Unit loose in tank / seal broken / heat damage _____
- (9) Unknown _____

96. Fuel Tank Shields/Protection _____

- (0) No shields or protection identified _____
- (1) Fuel tank shields identified _____
- (2) Fuel tank shields unknown _____

97. Summary – describe size and location of fuel tank openings: _____

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

Fuel Tank #2

98. Fuel Tank #2 Applicable (Y/N) _____
If No, skip to Question 111 (page 9)

99. Fuel Tank #2 Type _____
(0) Non-Metallic
(1) Metallic

100. Fuel Tank #2 Location _____
(Rear axle = Center of rear wheel)
(0) Aft of rear axle—center
(1) Aft of rear axle—left
(2) Aft of rear axle—right
(3) Forward of rear axle—center
(4) Forward of rear axle—left
(5) Forward of rear axle—right
(6) Over rear axle
(7) In rear quarter panel
(8) Other—specify: _____

101. Fuel Tank #2 Impact Damage _____
(0) No damage to fuel tank
(1) Deformed
(2) Deformed, near seam or failure
(3) Punctured
(4) Lacerated (ripped)
(5) Abraded (scrapped)
(6) Other—specify: _____
(9) Unknown

102. Fuel Tank #2 Impact Damage Location _____
(check all that apply)
(0) Top _____
(1) Bottom _____
(2) Front _____
(3) Rear _____
(4) Left side _____
(5) Right side _____
(8) Not applicable (N/A) _____
(9) Unknown _____

103. Fuel Tank #2 Damage Source _____
(0) Adjacent vehicle components
(1) Tank straps, clamps & support structure
(2) Impacting vehicle
(4) Other (specify): _____
(8) Not applicable (N/A)
(9) Unknown

104. Fuel Tank #2 Heat Damage _____
(0) None
(1) Heat damage—no breach from heat
(2) Heat damage—partially melted
(3) Heat damage—grossly deformed
(4) Consumed
(5) Heat-induced pressure rupture

105. Fuel Level Line _____
(0) No line identification
(1) Three quarters full or more
(2) One half full
(3) One quarter full or less
(8) Not applicable (N/A)
(9) Unknown

106. Fuel Level Line Angle _____
Degrees to rocker or underbody frame
(0) Front up
(1) Rear up
(8) Not applicable (N/A)
(9) Unknown

107. Sending Unit Location _____
(0) Top
(1) Bottom
(2) Front
(3) Rear
(4) Left side
(5) Right side
(9) Unknown

108. Sending Unit Damage _____
(0) No damage
(1) Unit loose in tank / seal broken / no heat damage
(2) Heat damage only
(3) Unit loose in tank / seal broken / heat damage
(9) Unknown

109. Fuel Tank Shields/Protection _____
(0) No shields or protection identified
(1) Fuel tank shields identified
(2) Fuel tank shields unknown

110. Summary – describe size and location of fuel tank openings: _____

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

Filler Neck and Hose Damage

111. Filler Hose Tank #1 Material

- (0) Non Metallic
- (1) Metallic

112. Tank #1 Filler Neck and Vent

(check all that apply)

	No impact damage	Impact damage—breach	Impact damage—no breach	No heat damage	Heat damaged—no breach	Heat damaged—breached	Clamps present	Clamps—one or more missing	Not applicable (N/A)
Filler hose									
Vent hose									
Filler neck									
Tank to filler									
Tank to vent									

113. Filler Hose Tank #2 Material

- (0) Non Metallic
- (1) Metallic

114. Tank #2 Filler Neck and Vent

(check all that apply)

	No impact damage	Impact damage—breach	Impact damage—no breach	No heat damage	Heat damaged—no breach	Heat damaged—breached	Clamps present	Clamps—one or more missing	Not applicable (N/A)
Filler hose									
Vent hose									
Filler neck									
Tank to filler									
Tank to vent									

Fuel Lines

115. Number of Fuel System Lines—Tank to Engine

116. Fuel Line Materials

- (0) Non-metallic
- (1) Metallic
- (2) Both Metallic and non-metallic

117. Fuel Line Routing

Structure refers to frame, rail, or equivalent unibody structure

- (0) Exposed, outboard of structure
- (1) Exposed, inboard of structure
- (2) Exposed, inboard of structure; Partial enclosed
- (3) Enclosed within structure or other protection
- (4) Exposed, inboard and outboard of structure
- (5) Other

118. Fuel Line Plane

- (0) All below structure
- (1) All above structure
- (2) Portions above and below structure
- (3) In plane of unibody floor pan
- (4) Other

119. Fuel Line and Hose Damage

- (0) Fuel lines intact—no damage
- (1) Fuel line impact damage
- (2) Fuel line impact damage with separated or open lines
- (3) Fuel line heat damage with open lines
- (4) Open line and damage from both impact and heat

120. Fuel Line Connection Type—

(select all that apply)

- (0) Screw type hose clamps
- (1) Spring clamps
- (2) Crimped connections
- (3) Non-metallic fittings
- (4) Threaded fittings

121. Summary—describe evidence of damage to filler neck(s), hose(s), and fuel lines:

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

Exhaust System

122. Exhaust System Components—

(select all that apply)

- (0) No catalytic converter _____
- (1) Single catalytic converter _____
- (2) Double catalytic converter _____
- (3) Triple catalytic converter _____
- (4) Single muffler _____
- (5) Dual muffler exhaust system _____
- (6) Single resonator _____
- (7) Dual resonator _____
- (8) Non-OEM system _____
- (10) Other (specify): _____

123. Exhaust System Damage—

(select all that apply)

- (0) Complete exhaust system intact and undamaged _____
- (1) Exhaust sys. missing or separated components aft of muffler _____
- (2) Exhaust sys. missing or separated muffler _____
- (3) Exhaust sys. missing or separated component forward of muffler _____
- (4) Exhaust sys. deteriorated with evidence of extensive corrosion _____
- (5) Other _____

124. Automatic Transmission—

(select all that apply)

- (0) Transmission pan and case undamaged _____
- (1) Transmission pan and case impact damage—no fluid released _____
- (2) Transmission pan and case impact damaged releasing fluid _____
- (3) Transmission pan and case heat damage _____
- (4) Transmission pan and case impact and heat damage _____
- (8) Not applicable (N/A) _____

125. Brake Lines (Undercarriage) and Brakes

- (0) No damage _____
- (1) Impact damage—damaged / severed—no heat damage _____
- (2) Heat damage only _____
- (3) Impact and heat damage _____
- (9) Unknown _____

126. Summary—Describe evidence of undercarriage hydraulic leaks:

127. Rubber Mountings—Identify Heat Damage

(select all that apply)

	Consumed	Partial
Suspension		
front left upper		
front left lower		
front right upper		
front right lower		
Engine mount		
left		
right		
Body mount		
front left		
front right		
rear left		
rear right		
Transmission mount—crossmember		
Suspension		
rear left upper		
rear left lower		
rear right upper		
rear right lower		

Drive Shaft

128. Drive Shaft/Half Shaft Joints

Number of Drive Shaft Joints _____

Half shaft boot conditions _____

129. Drive Shaft Condition

- (0) Drive Shaft Intact _____
- (1) Drive Shaft Detached at Forward (Transmission) Joint _____
- (2) Drive Shaft Detached at Mid Bearing Joint _____
- (3) Drive Shaft Detached at Rear Axle Pinion Joint _____
- (8) Not applicable (N/A) _____

130. Half Shaft Condition

- (0) Half Shafts Intact _____
- (2) One or More Half Shaft Joints Detached Describe _____

Field Fire Investigation Form

Case Number _____ Vehicle Number _____ Investigator Number _____

FIRE INSPECTION SUMMARY

131. Identification of Fuel Sources: _____

133. Origin and Propagation Path of Fire: _____

132. Identification of Ignition Sources: _____

134. Fire Investigation Summary: _____
