



**F59PH  
DIESEL ENGINE**

**30-4198-1**

**PARTS LIST & EXPLODED VIEW**

REV. 07.2015

# PARTS LIST: F59PH DIESEL ENGINE

## ENGINE PARTS



1.) VENT ( DARK BLUE ) ( AMTRAK )	<a href="#">FC-2200271</a>	30.) PILOT ( SILVER )( FRONT ) ( 2 MOUNTING HOLES & SPLIT IN THE MIDDLE ) ( AMTRAK )	<a href="#">DG-2230016</a>
2.) LENS ( CLEAR )( 4.0X6.0X8.5MM ) ( ANGLED LENS HEAD )( 4 RIBS FOR PRESS FIT )( REVERSE LIGHT )	<a href="#">FA-0000094</a>	31.) PILOT ( SILVER )( REAR ) ( 2 MOUNTING HOLES & SPLIT IN THE MIDDLE ) ( AMTRAK )	<a href="#">DG-2240010</a>
3.) SAND FILL CAP ( DARK BLUE ) ( AMTRAK )	<a href="#">FC-2200272</a>	32.) SPACER ( BLACK ) ( PLASTIC )( 3.0X6.0X4.0MM )	<a href="#">ID-0000071</a>
4.) LENS ( CLEAR )( 2.5X9.0MM )	<a href="#">FA-0000095</a>	33.) VOLUME POT ( SMALL ) ( BLUE POT MOUNTED ON GREEN PC BOARD )	<a href="#">BI-0000040</a>
5.) BRACE ( SILVER )	<a href="#">FC-2200273</a>	34.) SCREW ( M3X8.0MM )( ROUNDHEAD )	<a href="#">IA-0000035</a>
6.) AIR HORNS ( SILVER )( 5 CHIME )	<a href="#">FC-2200274</a>	35.) PROTO-SOUND BOARD ( TOP )( POWER )	<a href="#">AE-0000011</a>
7.) SHELL ( AMTRAK )( # 452 ) ( DARK BLUE, SILVER, WHITE, BLACK )	<a href="#">FC-2200399</a>	36.) PROTO-SOUND BOARD ( BOTTOM )( PROCESSOR )	<a href="#">AE-0000010</a>
8.) VENT ( SILVER )	<a href="#">FC-2200276</a>	37.) PS2 BOARD BRACKET	<a href="#">IH-0000391</a>
9.) SCREW ( M3X8.0MM )( FLATHEAD )( PLASTIC CUTTING THREADS )	<a href="#">IA-0000330</a>	38.) SCREW ( M3X6.0MM )( ROUNDHEAD )	<a href="#">IA-0000016</a>
10.) LENS ( CLEAR ) ( 9.5X17.5X0.5MM )( DOOR LENS )	<a href="#">FA-0000096</a>	39.) BRACKET ( METAL )( FRONT )( MOUNTS LIGHTS ) ( MOUNTED TO CHASSIS W/ 1 SCREW )( BLACK )	<a href="#">IH-0000434</a>
11.) LENS ( CLEAR ) ( 18.5X5.0X28.5X0.5MM )( SIDE WINDOWS )	<a href="#">FA-0000097</a>	40.) BRACKET ( METAL )( REAR )( MOUNTED TO CHASSIS W/ 1 SCREW ) ( BACK-UP LIGHT )( BLACK )	<a href="#">IH-0000435</a>
12.) LENS ( CLEAR ) ( 54.5X25.0X0.5MM )( WINDSHIELD )	<a href="#">FA-0000098</a>	41.) SCREW ( M3X4.0MM )( ROUNDHEAD )	<a href="#">IA-0000010</a>
13.) NUMBER BOARD ( RIGHT )( STICKER ) ( BLACK W/ WHITE LETTERS )( AMTRAK )( # 452 )	<a href="#">FG-2210002</a>	42.) TACH BOARD	<a href="#">AG-0000033</a>
14.) NUMBER BOARD ( LEFT )( STICKER ) ( BLACK W/ WHITE LETTERS )( AMTRAK )( # 452 )	<a href="#">FG-2220002</a>	43.) SMOKE UNIT	<a href="#">AA-2100006</a>
15.) LENS ( CLEAR ) ( 4.5X11.6X1.5MM )( 2 TABS ) ( HEADLIGHT LENS THAT FITS INSIDE OF SHELL )	<a href="#">FA-0000099</a>	44.) SCREW ( M3X16.0MM )( WASHER HEAD )( SELF-DRILLING )	<a href="#">IA-0000025</a>
16.) LENS ( CLEAR )( 12.8X9.0X6.0MM ) ( HEADLIGHT LENS THAT FITS ON OUTSIDE OF SHELL )	<a href="#">FA-0000100</a>	45.) HANDRAIL ( SILVER )( REAR )	<a href="#">FC-2240012</a>
17.) LENS ( RED )( 2.8X5.0X5.2MM ) ( 0.8X7.0MM LENS HEAD )( 4 RIBS FOR PRESS FIT )	<a href="#">FA-0000101</a>	46.) WIRE NUT ( YELLOW )	<a href="#">BI-4500003</a>
18.) LENS ( CLEAR )( 3.0X8.5MM ) ( 2.4X6.0MM LENS HEAD )( 4 RIBS FOR PRESS FIT )	<a href="#">FA-0000102</a>	47.) SCREW ( M2X4.0MM )( ROUNDHEAD )	<a href="#">IA-0000058</a>
19.) RUBBER BAND	<a href="#">BI-4500004</a>	48.) BATTERY LEADS	<a href="#">BC-0000231</a>
20.) MOTOR ( RS-365SH ) ( 8.0X17.0MM WORM GEAR W/ 11.0MM LONG THREADS ) ( 9.0X30.0MM BLACK FLYWHEEL )	<a href="#">BE-0000046</a>	49.) BATTERY ( AA, 2.4V 700MAHR )	<a href="#">BG-4000003</a>
21.) MOTOR ( RS-365SH ) ( 8.0X17.0MM WORM GEAR W/ 11.0MM LONG THREADS ) ( 9.0X30.0MM WHITE FLYWHEEL W/ BLACK STRIPES ) ( W/ TACH BOARD MOUNT )	<a href="#">BE-0000072</a>	50.) BRACKET ( PLASTIC )( BLACK )	<a href="#">IH-0000416</a>
22.) MOTOR MOUNT ( BLACK )	<a href="#">BI-0000005</a>	51.) WIRE BUNDLE INSULATION ( FIBERGLASS SLEEVE )( SOLD IN 3" INCREMENTS )	<a href="#">ID-0000130</a>
23.) SCREW ( YELLOW ZINC ) ( M2.5X6.0MM )( ROUNDHEAD )( W/ LOCK WASHER )	<a href="#">IA-0000089</a>	52.) CHASSIS ( BLACK ) ( FOR PROTO-SOUND® 2.0 & LOCO-SOUND™ W/ BATTERY JACK )	<a href="#">DD-2200006</a>
24.) SCREW ( M3X14.0MM )( ROUNDHEAD )( W/ LOCK WASHER )	<a href="#">IA-0000012</a>	53.) SCREW ( 4/40X6.0MM )( ROUNDHEAD )	<a href="#">IA-0000003</a>
25.) BRACKET ( ALUMINUM ) ( HEAT SINK )	<a href="#">IH-0000412</a>	54.) BRACKET ( BLACK )( SPEAKER )	<a href="#">IH-0000044</a>
26.) SCREW ( M3X3.0MM )( ROUNDHEAD )	<a href="#">IA-0000296</a>	55.) SPEAKER ( 50 MM DIAMETER ) ( 4 OHMS ) ( MAX 4W )	<a href="#">BF-0000043</a>
27.) SCREW ( M3X5.0MM )( ROUNDHEAD )	<a href="#">IA-0000114</a>	56.) SPEAKER RING SEAL ( BLACK ) ( 43.8X49.8X3.0MM )( FOAM )	<a href="#">IB-0000009</a>
28.) SCREW ( 4/40X6.0MM )( FLATHEAD )	<a href="#">IA-0000038</a>	57.) FUEL TANK ( SILVER ) ( AMTRAK )	<a href="#">FC-2200277</a>
29.) WIRE STRAP ( BLACK ) ( METAL )( SMALL )	<a href="#">IH-0000012</a>	58.) TRUCK SIDE ( SILVER ) ( TRUCK SIDES MOUNT FROM BOTTOM )	<a href="#">DB-2060018</a>

# PARTS LIST: F59PH DIESEL ENGINE ENGINE PARTS (CONTINUED)



59.) SCREW ( NICKEL ) ( M3X6.0MM )( ROUNDHEAD )	<a href="#">IA-0000015</a>	( FOR BRACKET FOR INTERIOR LIGHTS )	
60.) INSULATOR ( BLACK ) ( PLASTIC )( PICK-UP )( TOP )( SQUARE )	<a href="#">BD-0000047</a>	84.) BRASS CUP ( 12.0X6.9X5.0MM )( TAPERED )( BRASS )	<a href="#">AA-0000071</a>
61.) TRUCK ( POWERED )( 2 AXLE ) ( 2 THREADED SCREW HOLES FOR MOUNTING PILOT ) ( TRUCK SIDES MOUNT FROM BOTTOM )	<a href="#">DA-2000013</a>	NS.) WIRE HARNESS ( BLACK MALE 12 PIN PLUG )	<a href="#">BC-2200031</a>
62.) TRACTION TIRE	<a href="#">DE-0000018</a>	NS.) WIRE HARNESS ( BLACK MALE 7 PIN PLUG )	<a href="#">BC-2100002</a>
63.) T-BAR ( BLACK )( PLASTIC )	<a href="#">IG-0000001</a>	NS.) WIRE HARNESS ( BLACK MALE 5 PIN PLUG )	<a href="#">BC-2200032</a>
64.) PROTO-COUPLER® 2.0 ( 44.5MM LONG )	<a href="#">DD-0000033</a>	NS.) WIRE HARNESS ( BLACK MALE 2 PIN PLUG )	<a href="#">BC-2200033</a>
65.) SPRING ( NICKEL ) ( 6.5X11.0MM )( W/ 0.4MM THICK WIRE )	<a href="#">IE-0000007</a>	NS.) WIRE HARNESS ( BLUE MALE 2 PIN PLUG )	<a href="#">BC-2200034</a>
66.) WASHER ( 4.5X10.0X0.6MM )	<a href="#">ID-0000041</a>		
67.) E-CLIP ( 3.0X8.0X0.5MM )	<a href="#">IF-0000002</a>		
68.) NUT ( NICKEL ) ( 2.5X5.0X10.0MM )	<a href="#">IC-0000005</a>		
69.) INSULATOR ( BLACK )( PLASTIC ) ( PICK-UP )( BOTTOM )( FLAT W/ RECT. BOX )( 18.0X30.0MM )	<a href="#">BD-0000039</a>		
70.) PICK-UP ( 8.0X11.0MM ROLLER )( 28.0MM LONG )	<a href="#">BD-0000025</a>		
71.) BULB ( 6V )( 2 )( 100.0MM LONG W/ BLUE 2-PIN MALE PLUG ) ( CLEAR )( HEADLIGHT )	<a href="#">CA-0000094</a>		
72.) BULB ( 6V )( 2 )( 80.0MM LONG W/ BLUE 2-PIN MALE PLUG ) ( EMERGENCY STOP LIGHTS WHICH ARE TIED INTO THE BACKUP LIGHT ) ( CLEAR )	<a href="#">CD-0000014</a>		
73.) BULB ( 6V )( 1 )( CLEAR )( DITCH LIGHT ) ( 75.0MM LONG W/ GREEN OR YELLOW 2-PIN MALE PLUG )	<a href="#">CD-0000015</a>		
74.) BULB ( 6V )( 2 ) ( WIRES W/2-PIN CONNECTOR )( INTERIOR LIGHT )	<a href="#">CG-0000069</a>		
75.) BULB ( 6V )( 1 )( CLEAR )( BACKUP LIGHT ) ( 100.0MM LONG W/ GREEN 2 PIN MALE PLUG )	<a href="#">CF-0000036</a>		
76.) BRACKET ( METAL )( MOUNTS BOARD BRACKET TO CHASSIS )( BLACK )	<a href="#">IH-0000436</a>		
77.) GROMMET ( RUBBER )( 5.5MM DIA X 4.25MM )( 4.0MM DIA X3.5MM ) ( HOLDS 1 BULB )	<a href="#">IH-0000144</a>		
78.) BRACKET ( METAL )( RIGHT )( MOUNTS TO MOTOR COVER FOR INTERIOR LIGHT ) ( BLACK )	<a href="#">IH-0000438</a>		
79.) BRACKET ( METAL )( LEFT )( MOUNTS TO MOTOR COVER FOR INTERIOR LIGHT ) ( BLACK )	<a href="#">IH-0000439</a>		
80.) INSULATOR ( FIBER INSULATOR )( GOES BETWEEN SMOKE UNIT AND BOARDS ) ( MOUNTS TO SMOKE UNIT )( BURNT ORANGE )	<a href="#">IH-0000440</a>		
81.) SCREW ( M3X8.0MM )( WASHERHEAD ) ( SELF DRILLING )	<a href="#">IA-0000134</a>		
82.) PATCH BOARD ( 5 POSITION, YELLOW, BLUE, BLACK, RED, & GREEN 2-PIN PLUGS )	<a href="#">AG-0000036</a>		
83.) GROMMET	<a href="#">IH-0000010</a>		

# EXPLODED VIEW: F59PH DIESEL ENGINE



## F59PH Diesel Engine Engine Parts

