



Bulletin: SBS4DCC 2 GE FDL 16cyl Early

Manufacturer ESU
Project number 74445
Project version R2



The GE FDL-16 prime mover was first used in 1959 in the General Electric U25B locomotive. Over the years little changed in terms of sound until the "Dash-8" series of GE locomotives was introduced. Known for their throaty chug and shaft driven compressor (rather than the more modern "Whoop" electric compressor), the following GE locomotives used the early 16cyl FDL prime mover:

U25B, U28B, U30B, U33B, U36B, U25C, U28C, U28CG, U30C, U30CG, P30CH, U34CH, U33C, U36C, B30-7, B36-7, C30-7, and C36-7.

Dash-8 locomotives and newer through the AC4400CWs use the Modern 16cyl 7FDL prime mover. For the Modern sound use ESU sound file 73440(Select) or 74440(V4.0)

U50Bs used 2 Early GE 16cyl FDL prime movers. For this sound use ESU sound file 73421(Select) or 74421(V4.0).

Soundfile contains an Old Cast P5 Airhorn and early GE Bell. Using the Template pack contained in the ESU LokProgrammer other horns and bells can be substituted.

Key	Function	Sound slots	Volume CVs	Volume values
F0	Directional Headlight			
F1	Bell	4	283	50
F2	Leslie Twin	9	323	128
F3	Coupler	5	291	128
F4	Dynamic Brake	6	299	100
F5	Number Boards			
F6	Forward:AUX1 + AUX2 (Ditch Lights Front) Reverse: AUX4 (Ditch Lights Rear)			
F7	GE FDL-16 #1	1	259	128
F8	GE FDL-16 #2	2	267	128
F9	Manual Notching (up)			
F10	Manual Notching (down)			
F11	Radiator Fan	8	315	64
F12	Dimmer (Headlights)			
F13	Slow Spitter Valve	17	387	80
F14	N/A			
F15	N/A			
F16	Spitter on Shutdown Off			
F17	Brake Set / Brake Release			
F18	Sanding Valve	13	355	128
F19	Short Air Let Off	14	363	128
F20	Compressor	7	307	90

F21	Acceleration, Switching Mode			
F22	Leslie Twin Short	10	331	128
F23	Not in use			
F24	Not in use			
F25	Not in use			
F26	Not in use			
F27	Not in use			
F28	Not in use			