

Gary R. Jones

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LARGE FORMAT HF COMPRESSION DRIVERS

Early 288 and 291 series high frequency drivers used Alnico motors, most with a circumferential phase plug. Later 288, 291, and 299 series drivers used ceramic motors with Tangerine® phase plugs. All use 2.8" voice-coils and the diaphragm assemblies interchange. (The 290 series diaphragm will not interchange)

Three types of diaphragm assemblies have been manufactured. You can verify which diaphragm you have by inspection. The "Symbiotik" diaphragm has a Kapton (plastic) surround with an aluminum dome (500Hz - 12kHz). The aluminum and "Pascalite" diaphragms (500Hz - 16kHz) are all aluminum or aluminum alloy. The "Pascalite" diaphragm has the sonic quality of the aluminum diaphragm and handles twice as much power.

Part #25884 (8 ohms) or Part #25885 (16 ohms) are recommended as replacements for all drivers listed below . . .

288B	Aluminum, 24 ohms. Direct replacement not available, a modification can allow current diaphragms to fit.
288C	Aluminum, 24 ohms. Original Altec part# 20221
288-8E,G,H,K,L	Aluminum, 8 ohms. Original Altec part# 23763
288D	Aluminum, 16 ohms. Original Altec part# 23834
288-16G,H,K,L	
288-32G,H,K	Aluminum, 32 ohms. Direct replacement not available
291-8K,L	Symbiotik, 8 ohms. Original Altec part# 25692
291-16	Symbiotik, 16 ohms. Original Altec part# 21531
A,B,C,K,L	
299-8A	Pascalite, 8 ohms. Original Altec part# 25884
299-16A	Pascalite, 16 ohms. Original Altec Part# 25885



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SMALL FORMAT HF COMPRESSION DRIVERS

Early 604's and 800 series high frequency drivers used Alnico motors, most with a circumferential phase plug. Later 604-8K and 900 series drivers used ceramic motors with Tangerine® phase plugs. All use 1.75" voice-coils and diaphragm assemblies and they can be interchanged.

Three types of diaphragm assemblies have been manufactured. You can verify which diaphragm you have by inspection. The "Symbiotik" diaphragm has a Kapton (plastic) surround with an aluminum dome (500Hz - 15kHz). The aluminum and "Pascalite" diaphragms (500Hz - 20kHz) are all aluminum or aluminum alloy. The "Pascalite" diaphragm has the sonic quality of the aluminum diaphragm and handles twice the power.

Part #26420 (8 ohms) or Part #26421 (16 ohms) are recommended as replacements for all drivers listed below . . .

604-8G,H,K	Aluminum, 8 ohms.
802-8D,E,G,T	Original Altec Lansing part# 34647
806-8A,B	
902-8A,B,T	
604B,C,E,	Aluminum, 16 ohms.
605A,B	Original Altec Lansing part# 34852
802B,C,D	
804A,B	
806A,Z	
902-16A,B	
807-8A,Z	Symbiotik, 8 ohms.
808-8A,B,Z	Original Altec Lansing part# 34726
904-8A	
808-16A	Symbiotik, 16 ohms. Original Altec part# 35153
909-8A	Pascalite, 8 ohms. Original Altec part# 26420
909-16A	Pascalite, 16 ohms. Original Altec part# 26421