

## Norfolk Southern GP38-3 Rebuilds

From GP50's

By Norfolk Southern at Juniata

### NS 5801-5837

2/04 - 4/07

37 units

Bld No.	Frame No.	Bld Date	Blt As	2nd No.	Rbld Date	Rblt As	Notes
807008-7	807008-7	Dec-80	SOU 7070	NS 7070	Feb-04	NS 5801	
786251-34	786251-34	Oct-80	SOU 7050	NS 7050	Jun-04	NS 5802	
786251-14	786251-14	Sep-80	SOU 7030	NS 7030	Jul-04	NS 5803	
786251-40	786251-40	Nov-80	SOU 7056	NS 7056	Aug-04	NS 5804	
796321-6	796321-6	Oct-80	SOU 7008	NS 7008	Sep-04	NS 5805	
786251-26	786251-26	Oct-80	SOU 7042	NS 7042	Oct-04	NS 5806	
786251-13	786251-13	Sep-80	SOU 7029	NS 7029	Nov-04	NS 5807	
786251-47	786251-47	Nov-80	SOU 7063	NS 7063	Nov-04	NS 5808	
807054-3	807054-3	May-81	SOU 7080	NS 7080	Dec-04	NS 5809	
807054-5	807054-5	May-81	SOU 7082	NS 7082	Jan-05	NS 5810	
786251-36	786251-36	Nov-80	SOU 7052	NS 7052	Jan-05	NS 5811	
796321-10	796321-10	Oct-80	SOU 7012	NS 7012	Jun-05	NS 5812	
786251-15	786251-15	Sep-80	SOU 7031	NS 7031	May-05	NS 5813	
796321-12	796321-12	Oct-80	SOU 7014	NS 7014	Jun-05	NS 5814	
786251-46	786251-46	Nov-80	SOU 7062	NS 7062	Jul-05	NS 5815	
786251-43	786251-43	Nov-80	SOU 7059	NS 7059	Aug-05	NS 5816	
786251-10	786251-10	Sep-80	SOU 7026	NS 7026	Aug-05	NS 5817	
807054-7	807054-7	May-81	SOU 7084	NS 7084	Sep-05	NS 5818	
796321-11	796321-11	Oct-80	SOU 7013	NS 7013	Sep-05	NS 5819	
786251-18	786251-18	Sep-80	SOU 7034	NS 7034	Nov-06	NS 5820	
786251-41	786251-41	Nov-80	SOU 7057	NS 7057	Dec-06	NS 5821	
807054-10	807054-10	May-81	SOU 7087	NS 7087	Dec-06	NS 5822	
786251-33	786251-33	Oct-80	SOU 7049	NS 7049	Dec-06	NS 5823	
786251-44	786251-44	Nov-80	SOU 7060	NS 7060	Dec-06	NS 5824	
807057-2	807057-2	Dec-80	SOU 7072	NS 7072	Dec-06	NS 5825	
786251-7	786251-7	Sep-80	SOU 7023	NS 7023	Jan-07	NS 5826	Painted Operation Lifesaver
786251-11	786251-11	Sep-80	SOU 7027	NS 7027	Jan-07	NS 5827	
786251-6	786251-6	Sep-80	SOU 7022	NS 7022	Jan-07	NS 5828	
796321-7	796321-7	Oct-80	SOU 7009	NS 7009	Jan-07	NS 5829	
786251-17	786251-17	Sep-80	SOU 7033	NS 7033	Feb-07	NS 5830	
786251-16	786251-16	Sep-80	SOU 7032	NS 7032	Feb-07	NS 5831	

786251-30	786251-30	Oct-80	SOU 7046	NS 7046	Mar-07	NS 5832
786251-27	786251-27	Oct-80	SOU 7043	NS 7043	Mar-07	NS 5833
786251-3	786251-3	Aug-80	SOU 7019	NS 7019	Mar-07	NS 5834
807054-12	807054-12	May-81	SOU 7089	NS 7089	Mar-07	NS 5835
786251-19	786251-19	Sep-80	SOU 7035	NS 7035	Mar-07	NS 5836
796321-13	796321-13	Nov-80	SOU 7015	NS 7015	Apr-07	NS 5837

**Notes:**

New cab and nose installed, original long hood retained with some modification  
645F3 engines converted to a 645E  
Air conditioner installed  
Middle radiator fan removed and plated over  
No microprocessor, but retain Super Series wheel slip control  
Turbo removed and replaced with blowers  
Auxiliary power unit installed  
Changed from long hood forward to short hood forward  
AR15 main alternator, D87 traction motors, and Super Series wheel slip control retained from GP50  
5801-5829 equipped with cab signal and LSL

**Abbreviations:**

NS Norfolk Southern  
SOU Southern Ry

**Sources:**

Norfolk Southern Locomotive Directory 2004-2005 by Paul Withers  
NSDash9.com

[www.AltoonaWorks.info](http://www.AltoonaWorks.info)

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