

# PORSCHE 911 AIR COOLED ENGINE EXHAUST DATA & RECOMMENDATIONS



1975-89 Stock Porsche exhausts in the US were a crossover style (see below), which reduces engine performance significantly. This exhaust style must be replaced with the early tuned header style heat exchangers when fitting PMO Induction products for the engine to maximize performance. Multiple different Twin Inlet muffler styles are available for cars converted to early heat exchangers, these range from stock to sport mufflers of various configurations and finishes

*NOTE: This conversion is not legal for normal road use in some States*

## Stock Crossover Style Exhaust



## Tuned Header Style Exhaust Conversion



## Twin Inlet Muffler Examples

Stock Muffler



Twin Pipe Sport Muffler



SSI Stainless (Stock Style)



## JP/Dansk-SSI Systems Examples

### JP-1647-0 / 1620000110

Exhaust conversion set, free-flow, with 84 mm tail pipes



### 92.294SSI / 1620801910

SSI Large Bore Conversion Kit 2.7-3.2 Engines



## Header Style Early Heat Exchanger Sets

### JP-1739-0 / 1623104910

SSI Stainless Steel Early Heat Exchanger Set



### JP-2353-0 / 1623105610 SSI

Stainless Large Bore Heat Exchanger Set



# PORSCHE 911 AIR COOLED ENGINE DATA (STREET ENGINES)



Engine Type #	Displacement cc	Stock Fuel System Type	Stock Intake / Exhaust Port Size (mm)	Approximate Production Years	Comments
901/01	2.0	Solex Carb	32,32	1965-66	"Solex" Engine
901/02	2.0	Weber Carb	36,35	1967-68	Factory S Engine
901/03	2.0	Weber Carb	32,32	1968-69	911T,Euro version
901/05	2.0	Weber Carb	32,32	1966-67	911, Weber carbs
901/06	2.0	Weber Carb	32,32	1967-68	911, revised cams & heat exchangers
901/07	2.0	Weber Carb	32,32	1967-68	911, for Sportomatic same as 901/06
901/08	2.0	Weber Carb	36,35	1967-68	911S, for Sportomatic same as 901/02
901/09	2.0	Bosch MFI Injection	32,32	1969	911E, mechanical Injection
901/10	2.0	Bosch MFI Injection	36,35	1969	911S, mechanical Injection
901/11	2.0	Bosch MFI Injection	32,32	1969	911E, for Sportomatic same as 901/09
901/13	2.0	Bosch MFI Injection	32,32	1968-69	911T, for Sportomatic same as 901/03
901/14	2.0	Weber Carb	32,32	1968	911, US emissions same as 901/06
901/16	2.0	Weber Carb	32,32	1969	911T, US emissions same as 901/03
901/17	2.0	Weber Carb	32,32	1968	911, US emissions for Sportomatic same as 901/06
901/19	2.0	Weber Carb	32,32	1969	911T, US emissions for Sportomatic same as 901/03
901/36	2.0	Weber Carb	32,32	1970-72	914/6, Euro version
901/37	2.0	Weber Carb	32,32	1970-72	914/6, for Sportomatic same as 901/36
901/38	2.0	Weber Carb	32,32	1970-72	914/6, US emissions
901/39	2.0	Weber Carb	32,32	1970-72	914/6, for Sportomatic same as a 901/38
911/01	2.2	Bosch MFI Injection	32,32	1970-71	2.2 911E, mechanical Injection
911/02	2.2	Bosch MFI Injection	36,35	1970-71	2.2 911S, mechanical Injection
911/03	2.2	Zenith Carb	32,32	1970-71	2.2 911T, Euro version Zenith 40 TIN carbs
911/04	2.2	Bosch MFI	32,32	1970-71	2.2 911E, for Sportomatic same as 911/01
911/06	2.2	Bosch MFI	32,32	1970-71	2.2 911T, for Sportomatic same as 911/03
911/07	2.2	Zenith Carb	32,32	1970-71	2.2 911T, US emissions same as 911/03

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911/08	2.2	Zenith Carb	32,32	1970-71	2.2 911T, for US version for Sportomatic same as 911/03
911/41	2.7	Bosch K-Jetronic (CIS)	32,32	1975	2.7 911, CIS Injection
911/42	2.7	Bosch K-Jetronic (CIS)	35,35	1975	2.7 911S, CIS Injection
911/43	2.7	Bosch K-Jetronic (CIS)	32,32	1975	2.7 911S, US (49-state emissions) same as 911/42 but with reduced power
911/44	2.7	Bosch K-Jetronic (CIS)	32,32	1975	2.7 911S, for California same as 911/42 but with reduced power
911/46	2.7	Bosch K-Jetronic (CIS)	32,32	1975	911, for Sportomatic same as 911/41
911/47	2.7	Bosch K-Jetronic (CIS)	35,35	1975	911S, for Sportomatic same as 911/42
911/48	2.7	Bosch K-Jetronic (CIS)	32,32	1975	2.7 911S, for Sportomatic for US (49-state emissions) same as 911/43
911/49	2.7	Bosch K-Jetronic (CIS)	32,32	1975	2.7 911S, for Sportomatic for California specs same as 911/44
911/51	2.4	Bosch MFI Injection	32,32	1972-73	2.4 911T, for US mechanical Injection
911/52	2.4	Bosch MFI Injection	32,32	1972-73	2.4 911E, mechanical Injection
911/53	2.4	Bosch MFI Injection	36,36	1972-73	2.4 911S, mechanical Injection
911/57	2.4	Zenith Carb	32,32	1972	2.4 911T, Euro version, Zenith 40 TIN carbs
911/61	2.4	Bosch MFI Injection	32,32	1972-73	2.4 9111, US, for Sportomatic same as 911/51
911/62	2.4	Bosch MFI Injection	32,32		2.4 911E, for Sportomatic same as 911/52
911/63	2.4	Bosch MFI Injection	36,36	1972-73	2.4 911S, for Sportomatic same as 911/53
911/67	2.4	Zenith Carb	32,32	1972-73	2.4 911, Euro for Sportomatic same as 911/57
911/81	2.7	Bosch K-Jetronic (CIS)	35,35	1976-77	2.7 911, R.o.W.
911/82	2.7	Bosch K-Jetronic (CIS)	35,35	1976	2.7 911S, US 49-state, CIS fuel Injection
911/83	2.7	Bosch MFI Injection	36,35	1973-75	2.7 Carrera AS, mechanical Injection
911/84	2.7	Bosch K-Jetronic (CIS)	35,35	1976	2.7 911S, California
911/85	2.7	Bosch K-Jetronic (CIS)	35,35	1977	2.7 911S, US 50-state engine
911/86	2.7	Bosch K-Jetronic (CIS)	35,35	1976-77	2.7 911S, R.o.W. Sportomatic specs same as 911/81
911/89	2.7	Bosch K-Jetronic (CIS)	35,35	1976	2.7 911S, California for Sportomatic same as 911/84

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Engine Type #	Displacement cc	Stock Fuel System Type	Stock Intake / Exhaust Port Size (mm)	Approximate Production Years	Comments
911/90	2.7	Bosch K-Jetronic (CIS)	35,35	1977	2.7 911S, US for Sportomatic same as 911/85
911/91	2.4	Bosch K-Jetronic (CIS)	30,33	1973	2.4 911, US 50-state engine, CIS Injection
911/92	2.7	Bosch K-Jetronic (CIS)	32,32	1974	2.7 911, US 50-state engine, CIS Injection and R.o.W.
911/93	2.7	Bosch K-Jetronic (CIS)	35,35	1974	2.7 911S and Carrera, US 50-state engine, CIS fuel Injection. Same engine also used as 911S engine for Euro car.
911/94	2.7	Bosch K-Jetronic (CIS)	35,35	1977	2.7 911S, Japan
911/96	2.4	Bosch K-Jetronic (CIS)	30,33	1973	2.4 911T, US 50-state for Sportomatic same as 911/91
911/97	2.7	Bosch K-Jetronic (CIS)	32,32	1974	2.7 911, US 50-state for Sportomatic same as 911/92
911/98	2.7	Bosch K-Jetronic (CIS)	35,35	1974	2.7 911S and Carrera, US 50-state for Sportomatic specs same as 911/93
911/99	2.7	Bosch K-Jetronic (CIS)	35,35	1977	2.7 911S, Japan for Sportomatic same as 911/94
930/02	3.0	Bosch K-Jetronic (CIS)	39,35	1976-77	3.0 Carrera, CIS fuel injection for R.o.W.
930/03	3.0	Bosch K-Jetronic (CIS)	39,35	1978-79	3.0 911SC, R.o.W.
930/02	3.0	Bosch K-Jetronic (CIS)	39,35	1976-77	3.0 Carrera, CIS fuel Injection for R.o.W.
930/03	3.0	Bosch K-Jetronic (CIS)	39,35	1978-79	3.0 911SC, R.o.W.
930/04	3.0	Bosch K-Jetronic (CIS)	39,35	1978-79	3.0 911SC, US 49-state
930/05	3.0	Bosch K-Jetronic (CIS)	39,35	1978-79	3.0 911SC, Japan
930/06	3.0	Bosch K-Jetronic (CIS)	39,35	1978-79	3.0 911SC, California
930/07	3.0	Bosch K-Jetronic (CIS)	34,35	1980	3.0 911SC, US
930/08	3.0	Bosch K-Jetronic (CIS)	34,35	1980	3.0 911SC, Japan
930/09	3.0	Bosch K-Jetronic (CIS)	34,35	1980	3.0 911SC, R.o.W.
930/10	3.0	Bosch K-Jetronic (CIS)	34,35	1981-83	3.0 911SC, R.o.W,
930/12	3.0	Bosch K-Jetronic (CIS)	39,35	1976-77	3.0 Carrera, RAW. for Sportomatic same as 930/02
930/13	3.0	Bosch K-Jetronic (CIS)	39,35	1978-79	3.0 91130, R.o.W. for Sportomatic same as 930/03
930/14	3.0	Bosch K-Jetronic (CIS)	39,35	1978	3.0 911SC, US for Sportomatic same as 930/04
930/15	3.0	Bosch K-Jetronic (CIS)	39,35	1978-79	3.0 911SC, Japan for Sportomatic same as 930/05

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Engine Type #	Displacement cc	Stock Fuel System Type	Stock Intake / Exhaust Port Size (mm)	Approximate Production Years	Comments
930/16	3.0	Bosch K-Jetronic (CIS)	34,35	1981-83	3.0 911SC, US
930/17	3.0	Bosch K-Jetronic (CIS)	34,35	1981-83	3.0 911SC, Japan
930/19	3.0	Bosch K-Jetronic (CIS)	34,35	1980	3.0 911SC, R.o.W. for Sportomatic same as 930/09
930/20	3.2	Bosch Motronic Injection	40,38	1984-87	3.2 911 Carrera, Euro
930/21	3.2	Bosch Motronic Injection	40,38	1984-86	3.2 911 Carrera, US
930/25	3.2	Bosch Motronic Injection	40,38	1987	3.2 911 Carrera, US
930/50	3.0	Bosch K-Jetronic (CIS)	32,36	1975-76	3.0 Turbo, R.o.W,
930/51	3.0	Bosch K-Jetronic (CIS)	32,36	1976	3.0 Turbo, US
930/52	3.0	Bosch K-Jetronic (CIS)	32,36	1977	3.0 Turbo, R.o.W.
930/53	3.0	Bosch K-Jetronic (CIS)	32,36	1977	3.0 Turbo, US
930/54	3.0	Bosch K-Jetronic (CIS)	32,36	1977	3,0 Turbo, Japan
930/60	3.3	Bosch K-Jetronic (CIS)	32,34	1978-82	3.3 Turbo, R.o.W.
930/61	3.3	Bosch K-Jetronic (CIS)	32,34	1978-79	3.3 Turbo, US 49-state
930/62	3.3	Bosch K-Jetronic (CIS)	32,34	1978-79	3.3 Turbo, Japan
930/63	3.3	Bosch K-Jetronic (CIS)	32,34	1978-79	3.3 Turbo, California
930/64	3.3	Bosch K-Jetronic (CIS)	32,34	1980	3.3 Turbo, US
930/65	3.3	Bosch K-Jetronic (CIS)	32,34	1980-82	3.3 Turbo, Japan
930/66	3.3	Bosch K-Jetronic (CIS)	32,34	1983-87	3.3 Turbo, R.o.W,
930/68	3.3	Bosch K-Jetronic (CIS)	32,34	1989-91	3.3 Turbo, US
M64/01	3.6	Bosch Motronic Injection	41.5,38	1989	Carrera USA/Rest of World Manual transmission
M64/02	3.6	Bosch Motronic Injection	41.5,38	1989	Carrera USA/Rest of World Tiptronic transmission
M64/03	3.6	Bosch Motronic Injection	41.5,38	1991-92	911 Carrera RS
M64/05	3.6	Bosch Motronic Injection	43,39	1994-95	Carrera Rest of World (993) Manual transmission
M64/	3.6	Bosch Motronic Injection		1993	Carrera RS 3.8
M64/04	3.6	Bosch Motronic Injection		1993	Carrera RSR 3.8

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M64/06	3.6	Bosch Motronic Injection	43,39	1995	Carrera USA (993) Manual transmission
M64/07	3.6	Bosch Motronic Injection	43,39	1994-95	Carrera Rest of World (993) Tiptronic transmission
M64/08	3.6	Bosch Motronic Injection	43,39	1995	Carrera USA (993) Tiptronic transmission
M64/20	3.6	Bosch Motronic Injection		1996	911 Carrera RS
M64/21	3.6	Bosch Motronic Injection	43,39	1996	Carrera Rest of World (993) Manual transmission
M64/22	3.6	Bosch Motronic Injection	43,39	1996	Carrera Rest of World (993) Increased out put for manual transmission
M64/22	3.6	Bosch Motronic Injection	43,39	1996	Carrera Rest of World (993) Tiptronic transmission
M64/23	3.6	Bosch Motronic Injection	43,39	1996	Carrera USA (993) Manual transmission
M64/24	3.6	Bosch Motronic Injection	43,39	1996	Carrera USA (993) Tiptronic transmission
M30/69	3.6	Bosch Motronic Injection	32,36	1991-92	3.3 Turbo C2
M64/50	3.6	Bosch Motronic Injection	38,32	1994	3.6 Turbo C2
M64/60	3.6	Bosch Motronic Injection	43,38	1995	Turbo (993)