APEXi® Exhaust System

Installation Sheet

☐Application Vehicle

Vehicle Name	Vehicle Code
Mazda RX-7	FC3S

Year	Engine Type	Apex Product Code
1986～1991	13B	163-KZ01

☐Parts List

No.	Part Name	Size	Qty	No.	Part Name	Size	Qty
①	Apex Front Muffler	Vehicle Specific	1	⑦	Bolt	M10×P1.25×L40	4
②	Apex Main Muffler(L)	Vehicle Specific	1	⑧	Lock Nut	M8×P1.25	2
③	Apex Main Muffler(R)	Vehicle Specific	1	⑨	Nut	M10×P1.25	4
④	Gasket	P106×φ61.5	1	⑩	Washer	M10	8
⑤	Gasket	P90×φ61.5	2	⑪	Apex Instruction Manual		1
⑥	Bolt	M8×P1.25×L25	1				

☐Apex Exhaust System Installation Procedure

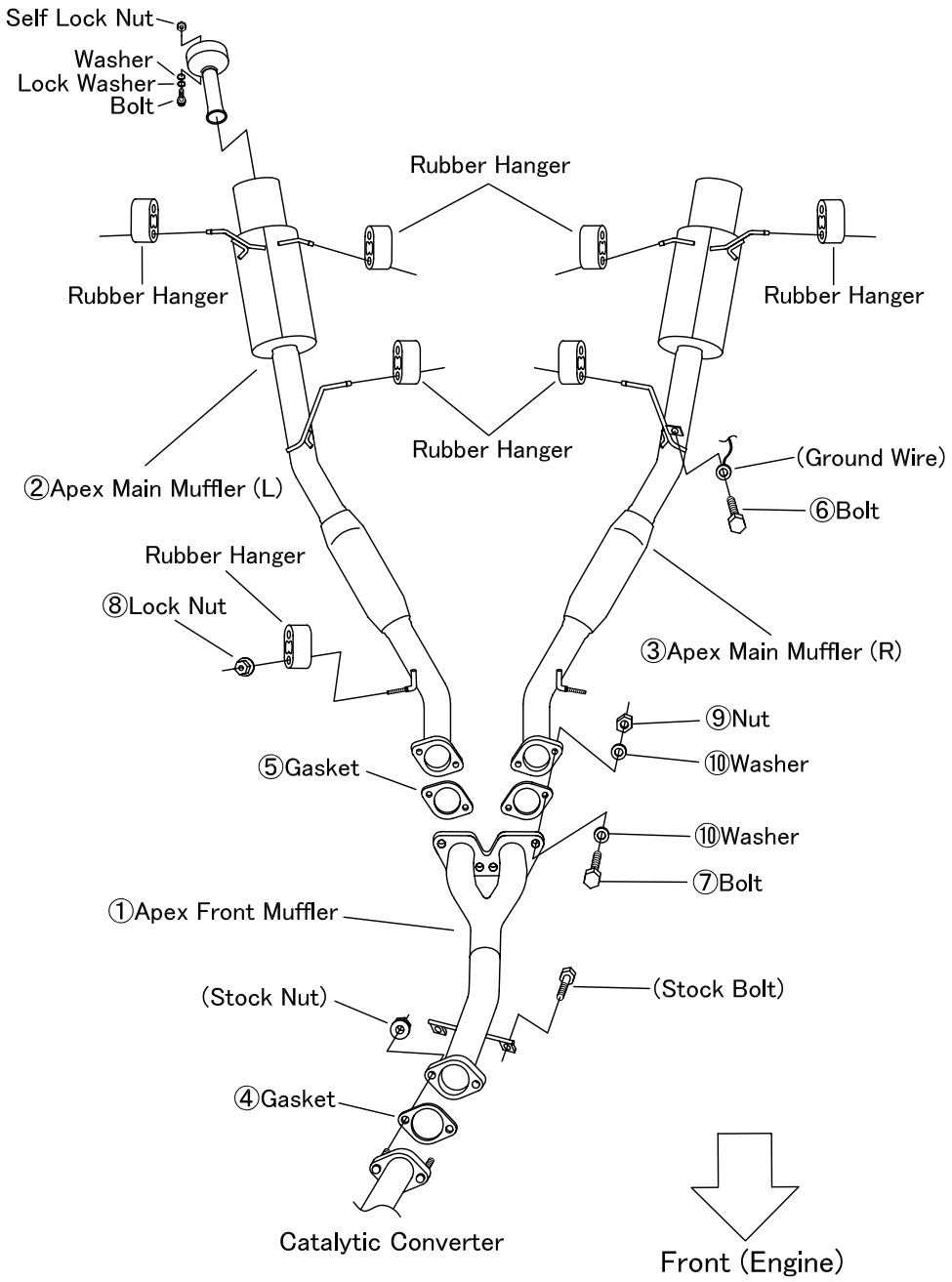
1.Install the muffler according to the diagram below and hand tighten the nuts and bolts in place.
※The diagram only shows partial usage of the nuts and bolts. Please use all of them.
2.Take note of piping clearance, gasket positioning, tip position, chassis clearance and tighten the nuts and bolts into position. Start from the catalytic converter side and work your way back.

Torque Specification

M 6	5～ 7N･m	0.5～0.6 kgf･m	3.6～ 4.4lb･ft
M 8	21～26N･m	2.1～2.7 kgf･m	15.1～19.5lb･ft
M10	43～55N･m	4.4～5.6 kgf･m	31.8～40.5lb･ft

3.Be sure to confirm tail pipe positioning so that it does not touch the rear bumper. If the positioning is off, loosen the nuts and bolts and adjust accordingly. Failure to provide adequate clearance may cause unnecessary sound and may melt the bumper.

CAUTION
Be sure to check clearances between brake components, fuel line, and drive train components.

☐Checkpoints after Installation

1.After installation, move the exhaust system side to side by hand to confirm clearances.
2.Rev the engine to 2500rpm to check for any exhaust leaks.
3.Test drive the vehicle and check for exhaust leaks or unusual sounds.
4.If anything usual occurs in steps 1～3, reinstall the muffler system.
5.Retighten all of the nuts and bolts after 100～200mi.