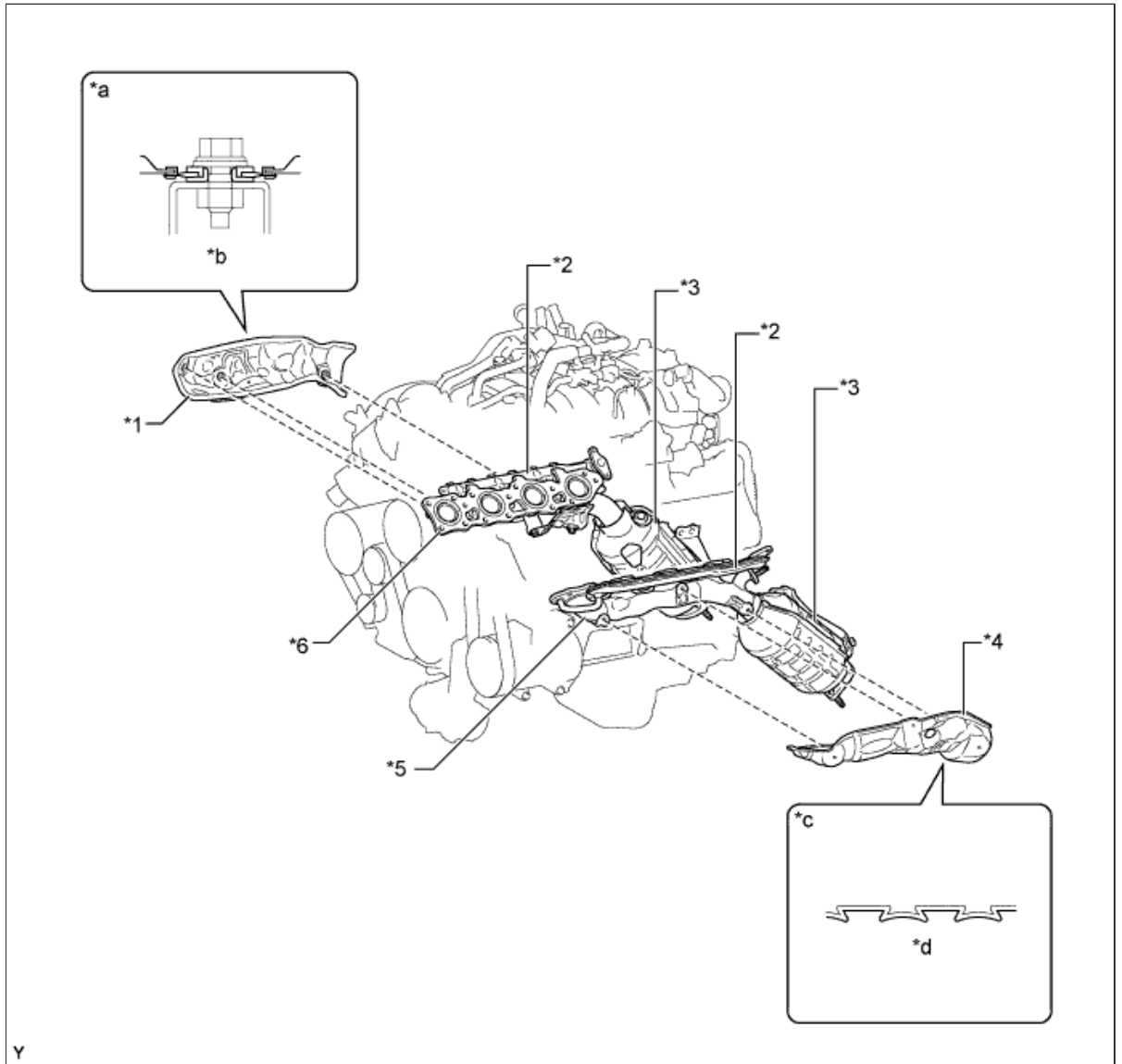


## EXHAUST SYSTEM > DETAILS

### CONSTRUCTION

#### a. Exhaust Manifold

- i.** Stainless steel exhaust manifolds with an integrated Three-Way Catalytic converter (TWC) are used for warm-up of the TWC and for weight reduction.
- ii.** The exhaust manifold for each bank uses a single structure (in a 4-1 grouping).
- iii.** The exhaust manifold heat insulator is made of corrugated aluminum. This ensures rigidity, and at the same time, increases the surface area to improve heat dissipation. Furthermore, a floating construction is used in the tightened area to reduce the transfer of heat and vibration to the heat insulator and to improve reliability.
- iv.** Along with the use of the air injection system, air injection pipes are provided for the right and left bank exhaust manifolds.



**Text in Illustration**

*1	Heat Insulator RH	*2	Air Injection Pipe
*3	TWC	*4	Heat Insulator LH
*5	Exhaust Manifold LH	*6	Exhaust Manifold RH
*a	Heat Insulator Tightened Area Cross Section	*b	Floating Construction
*c	Heat Insulator Cross Section	*d	Corrugated

