

SECTION **EX** EX
EXHAUST SYSTEM

CONTENTS

PREPARATION	2	EXHAUST SYSTEM	3	F
Special Service Tool	2	Removal and Installation	3	
Commercial Service Tool	2			

A
C
D
E
G
H
I
J
K
L
M

PREPARATION

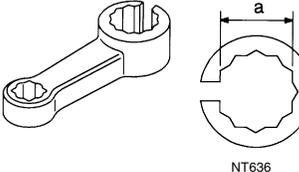
PREPARATION

PFP:00002

Special Service Tool

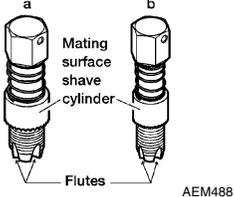
EBS00HZJ

The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description
KV10114400 (J38365) Heated oxygen sensor wrench	 Loosening or tightening rear heated oxygen sensor. a: 22 mm (0.87 in)

Commercial Service Tool

EBS00HZK

Tool name (Kent-Moore No.)	Description
Oxygen sensor thread cleaner (J-43897-18) (J-43897-12)	 Reconditioning the exhaust system threads before installing a new oxygen sensor. Use with anti-seize lubricant shown in Commercial Service Tools. a: J-43897-18 18 mm diameter, for Zirconia Oxygen Sensor b: J-43897-12 12 mm diameter, for Titania Oxygen Sensor
Anti-seize lubricant (Permatex™ 133AR or equivalent meeting MIL specification MIL-A-907)	 Lubricating oxygen sensor thread cleaning tool when reconditioning exhaust system threads.

EXHAUST SYSTEM

EXHAUST SYSTEM

PFP:20100

Removal and Installation

EBS00HZL

A

CAUTION:

- Always replace exhaust gaskets with new ones when reassembling.
- With the engine running, check all of the tube connections for exhaust gas leaks, and the entire system for unusual noises.
- Check to ensure that mounting brackets and mounting insulators are installed properly and free from undue stress. Improper installation could result in excessive noise or vibration.
- Discard any heated oxygen sensor which has been dropped from a height of more than 0.5 m (19.7 in) onto a hard surface such as a concrete floor; install a new one.
- Before installing a new oxygen sensor, clean the exhaust tube threads using Oxygen Sensor Thread Cleaner tool J-43897-18 or J-43897-12 and approved anti-seize lubricant.
- Do not over-torque the oxygen sensor. Doing so may damage the oxygen sensor, resulting in the MIL coming on.

EX

C

D

E

F

G

H

I

J

K

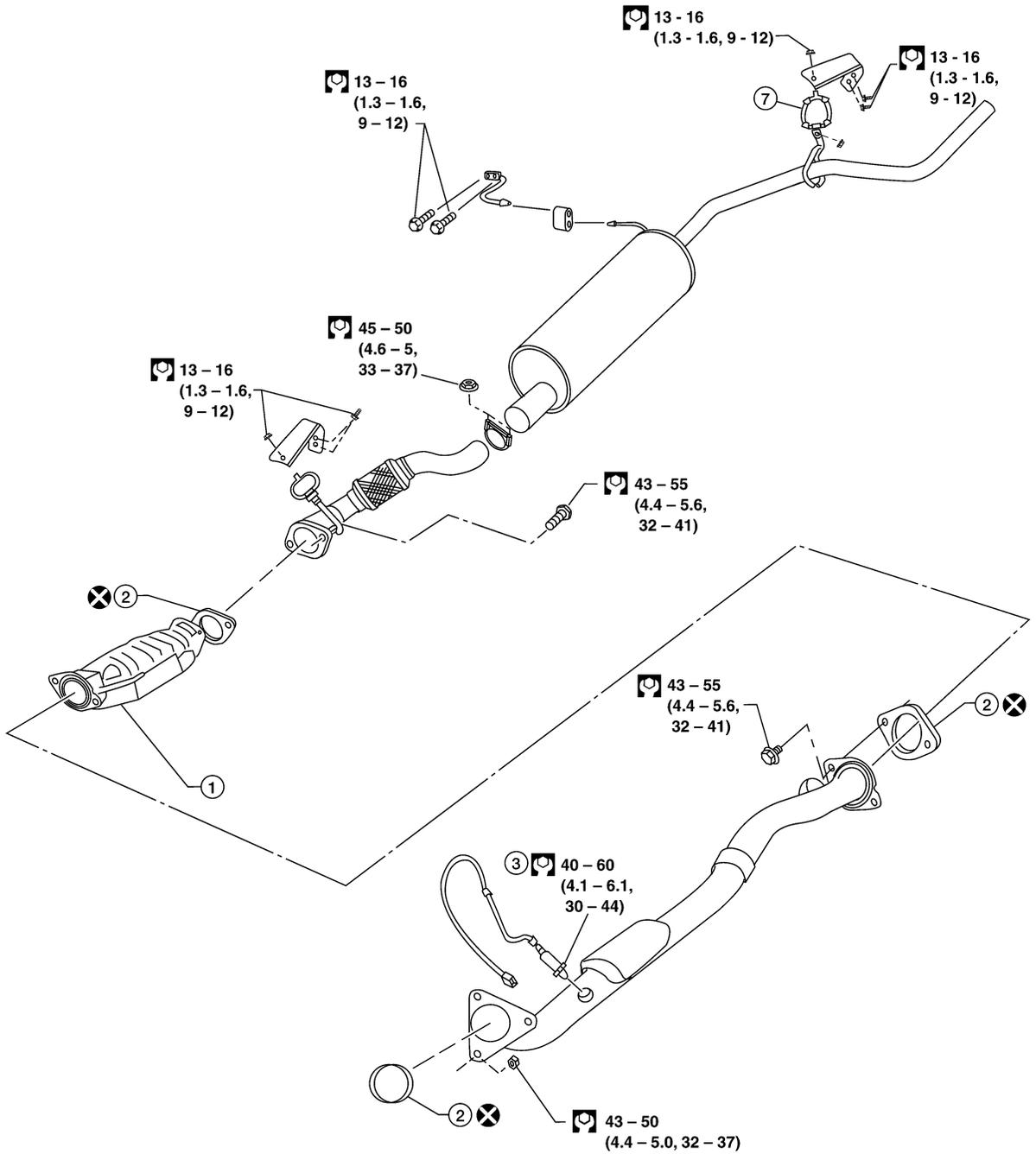
L

M

EXHAUST SYSTEM

KA24DE Models

SEC. 200



: N·m (kg-m, in-lb)

: N·m (kg-m, ft-lb)

: Always replace after every disassembly.

WBIA0433E

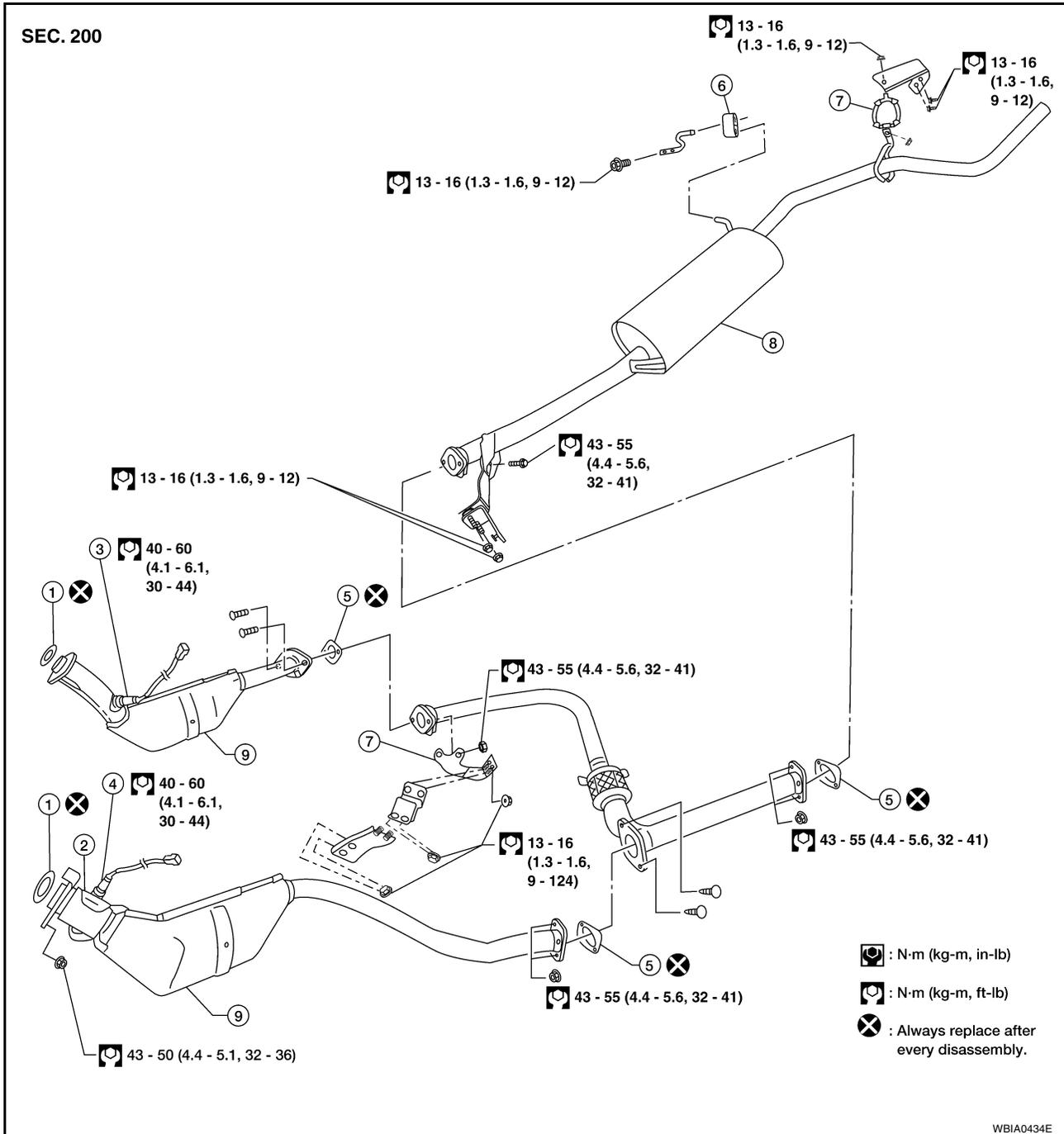
1. Three way convertor (under floor)

2. Gasket

3. Heated oxygen sensor 2 (rear)

EXHAUST SYSTEM

VG33E 2WD Models

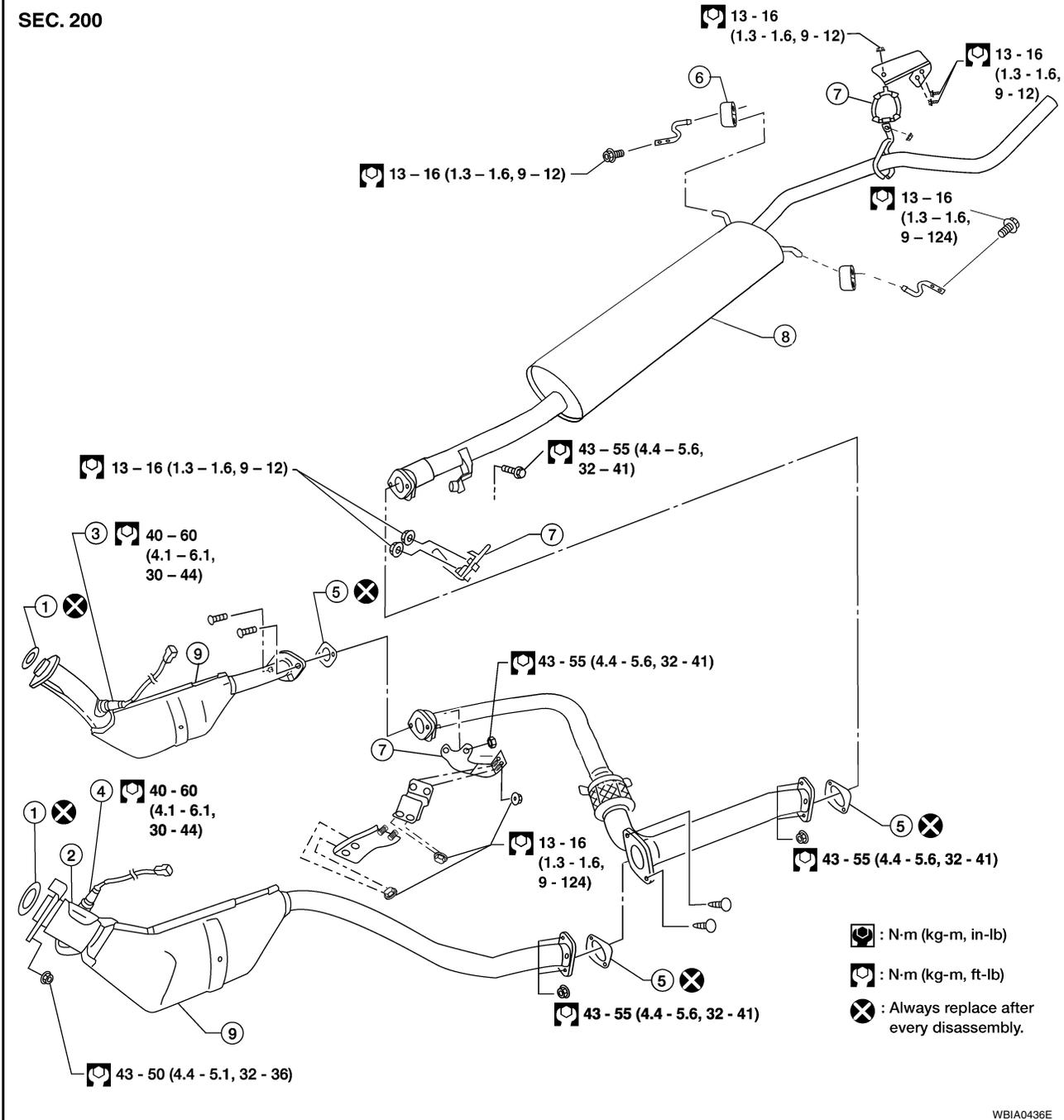


- | | | |
|---|------------------------|---|
| 1. Gasket | 2. Front tube | 3. Heated oxygen sensor 2 (rear) (bank 1) |
| 4. Heated oxygen sensor 2 (rear) (bank 2) | 5. Gasket | 6. Mounting rubber |
| 7. Muffler | 8. Three way convertor | |

EXHAUST SYSTEM

VG33ER Models

SEC. 200



WBIA0436E

- | | | |
|---|---------------|---|
| 1. Gasket | 2. Front tube | 3. Heated oxygen sensor 2 (rear) (bank 1) |
| 4. Heated oxygen sensor 2 (rear) (bank 2) | 5. Gasket | 6. Mounting rubber |
| 7. Mounting bracket | 8. Muffler | 9. Three way convertor |

EXHAUST SYSTEM
