

CHECK VALVE REMOVAL/INSTALLATION [SKYACTIV-D 2.2]

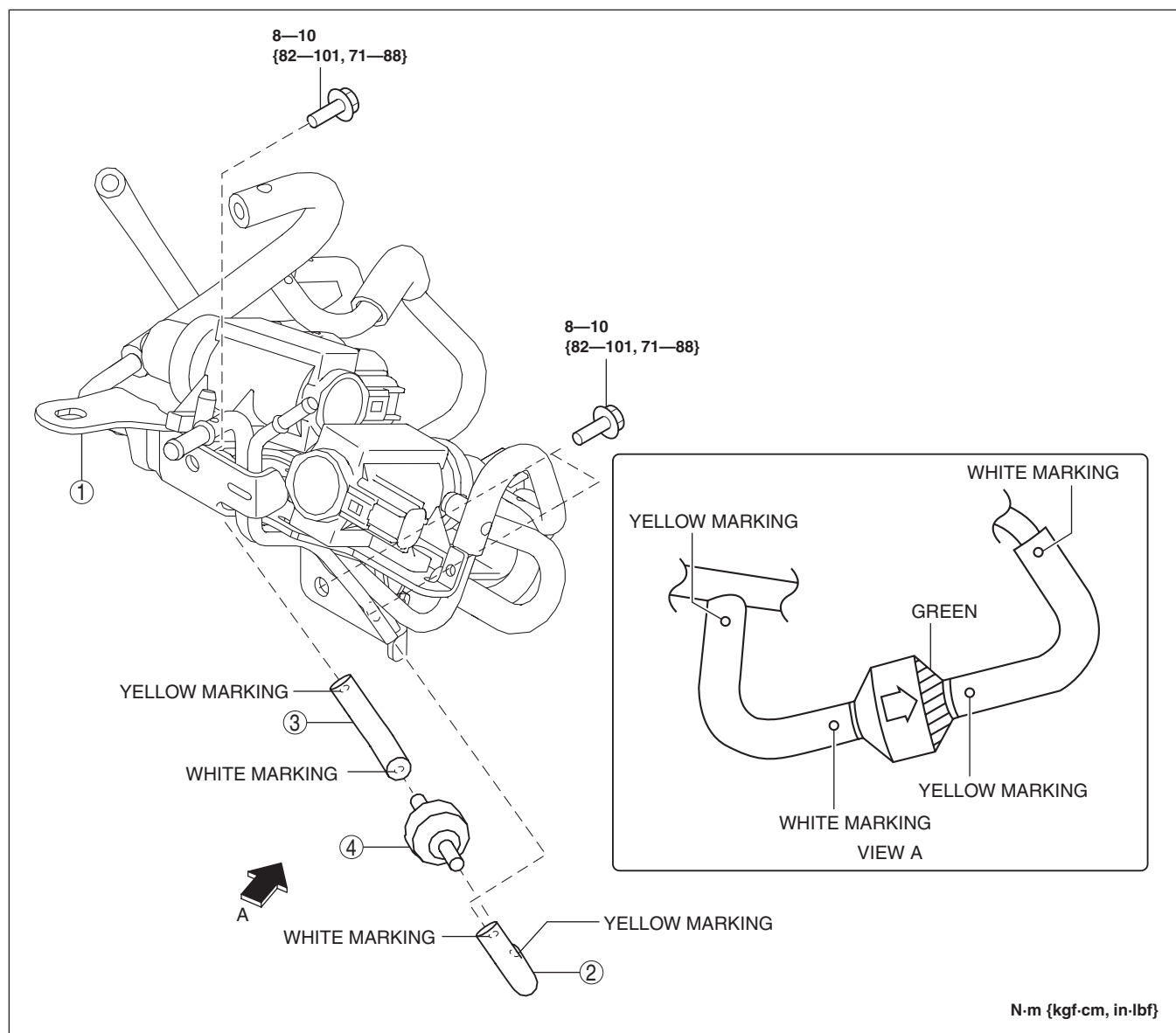
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Caution

- If the vacuum hose is installed incorrectly, it could cause a vehicle malfunction. To prevent this, refer to “VACUUM HOSE STRUCTURAL VIEW” and install the vacuum hose correctly. (See Vacuum hose structural view.)

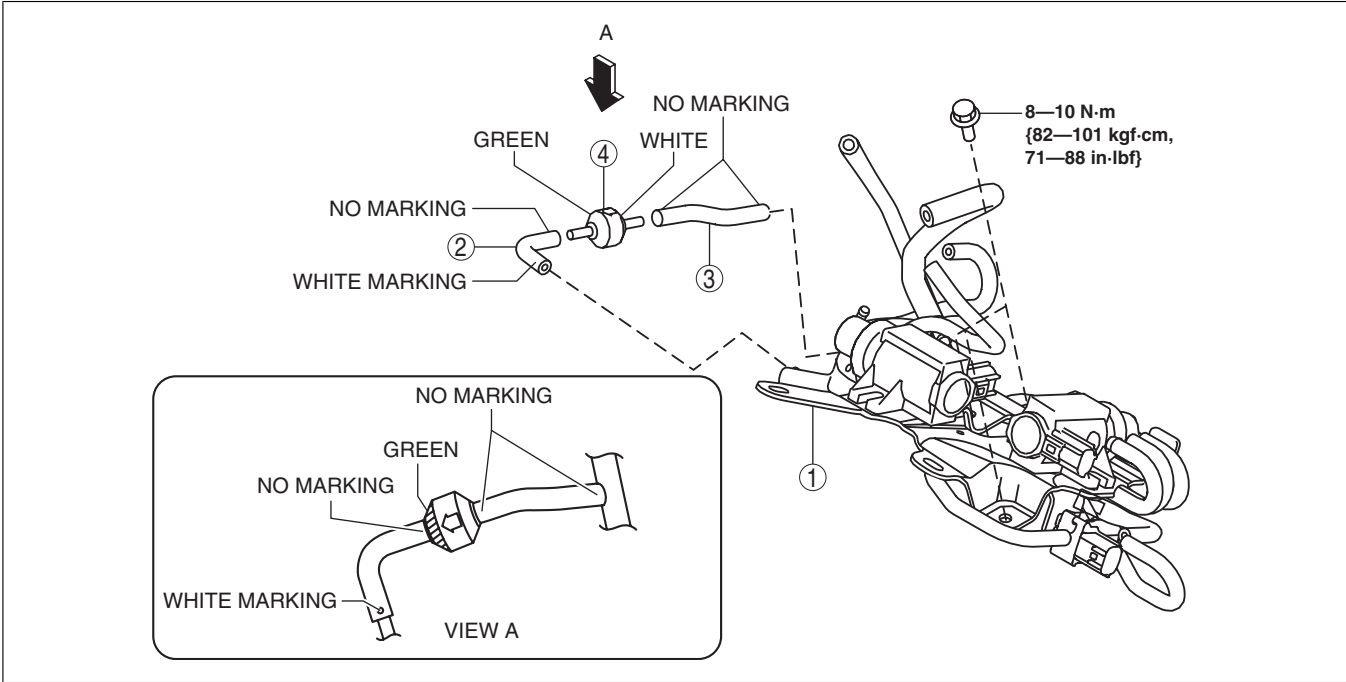
1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the battery and the battery tray. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
3. Remove in the order shown in the figure.

ATX



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MTX



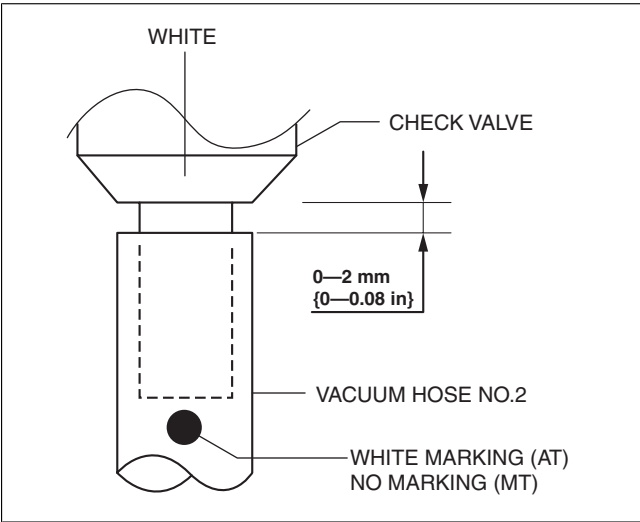
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1	Vacuum pipe bracket
2	Vacuum hose No.1 (See Vacuum Hose No.1 Installation Note.)
3	Vacuum hose No.2 (See Vacuum Hose No.2 Installation Note.)
4	Check valve

4. Install in the reverse order of removal.

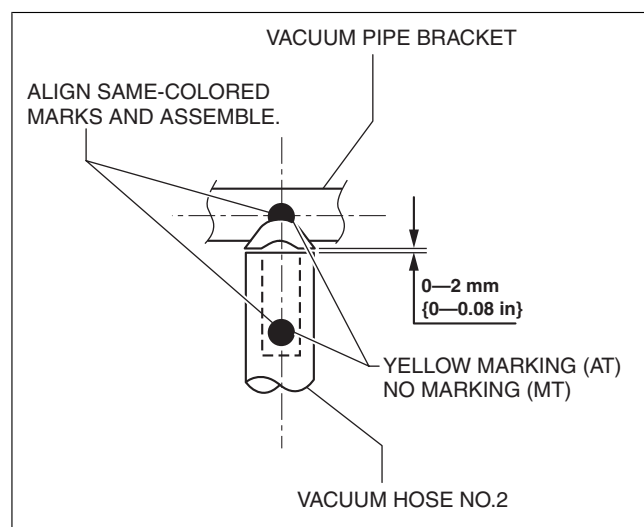
Vacuum Hose No.2 Installation Note

1. Install vacuum pump No.2 as shown in the figure.
Check valve side



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Vacuum pipe bracket side

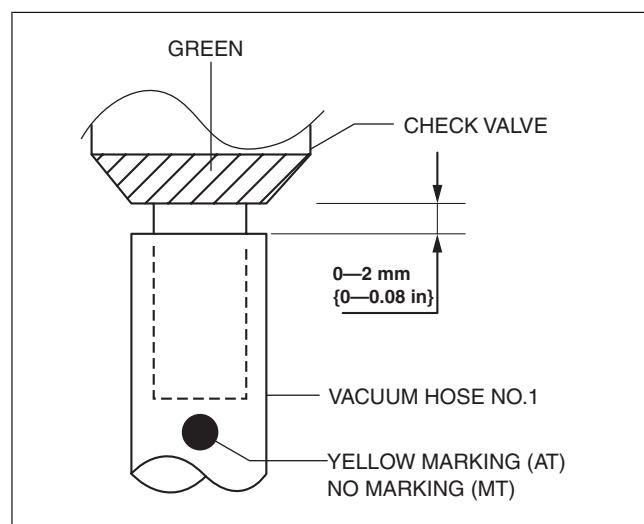


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Vacuum Hose No.1 Installation Note

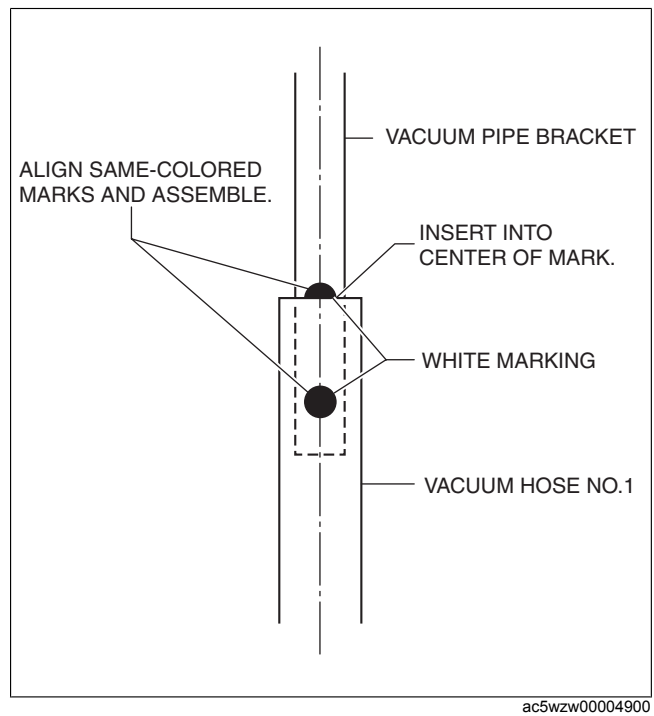
1. Install vacuum pump No.1 as shown in the figure.

Check valve side



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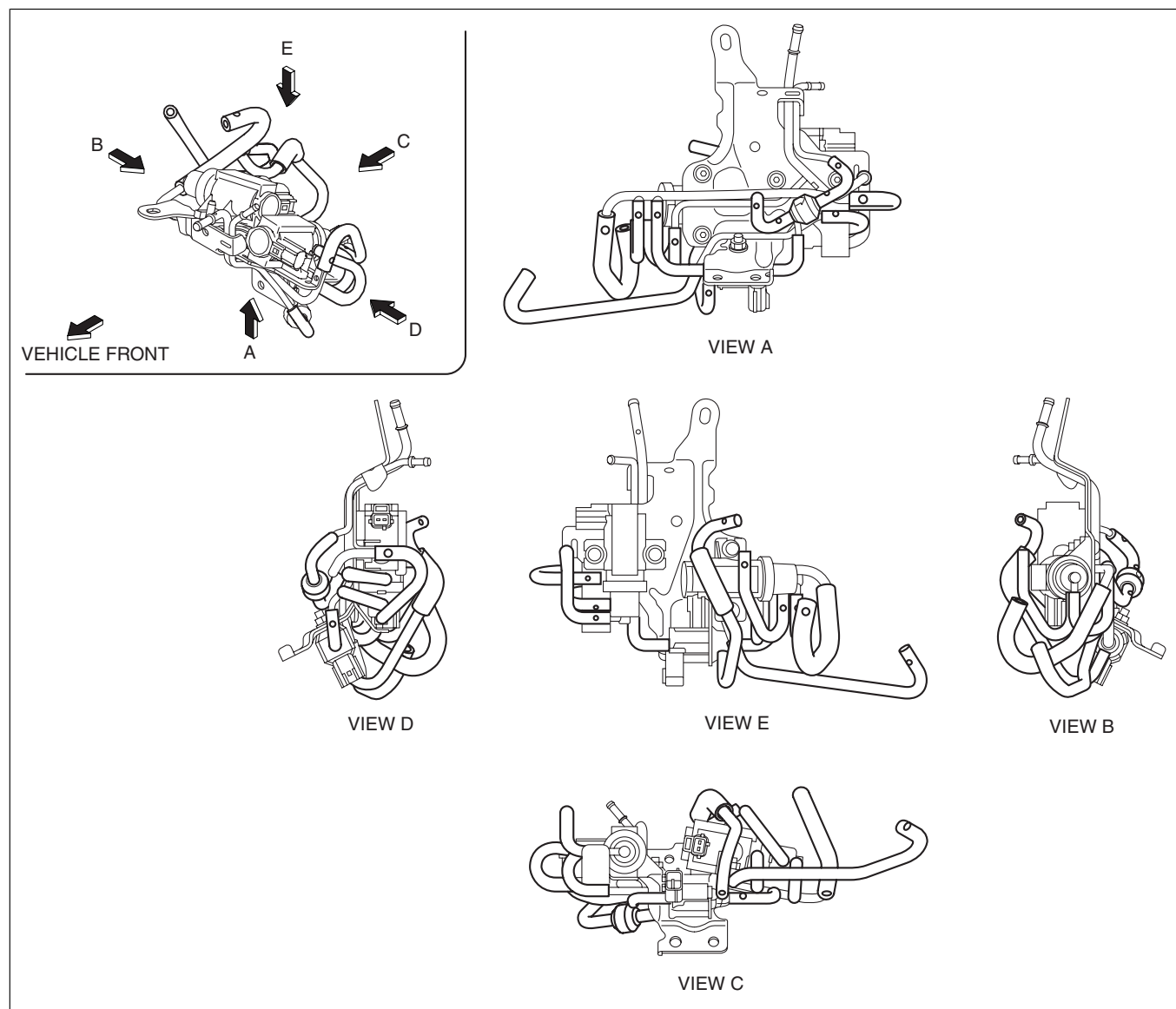
Vacuum pipe bracket side



Vacuum hose structural view

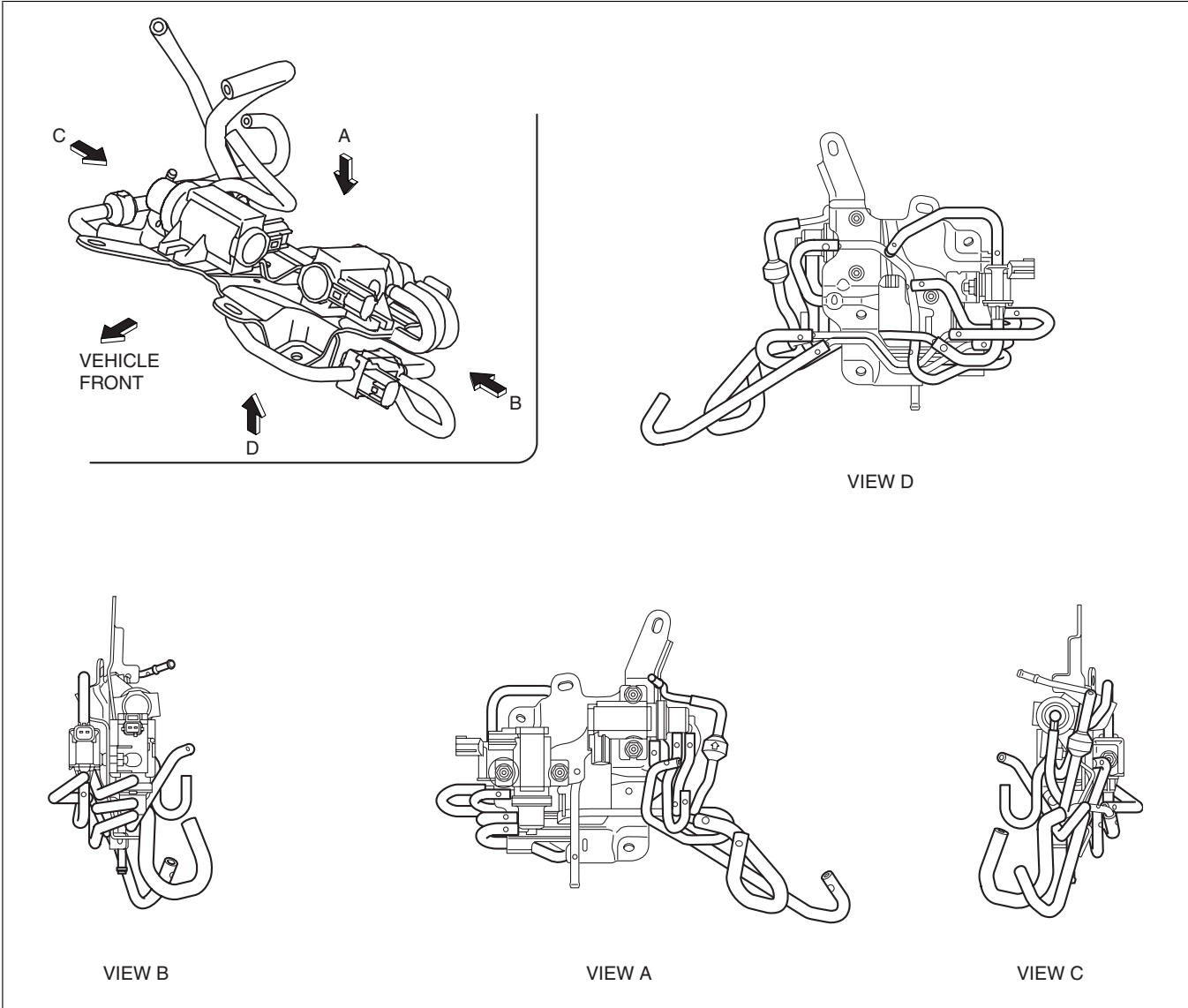
1. Verify that the vacuum hose is installed correctly as shown in the figure.

Whole figure (ATX)



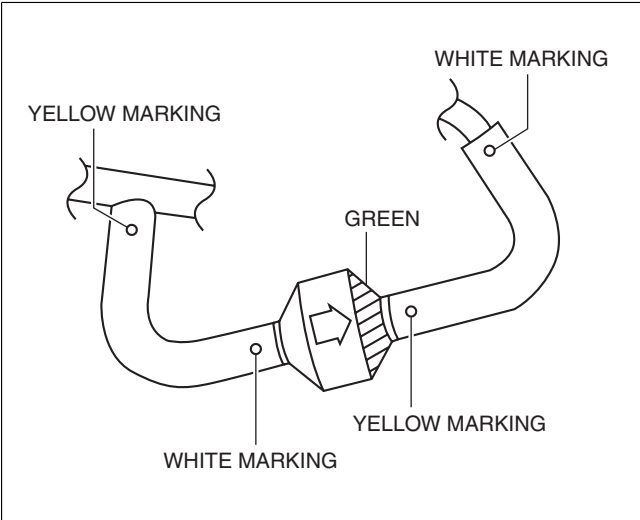
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Whole figure (MTX)



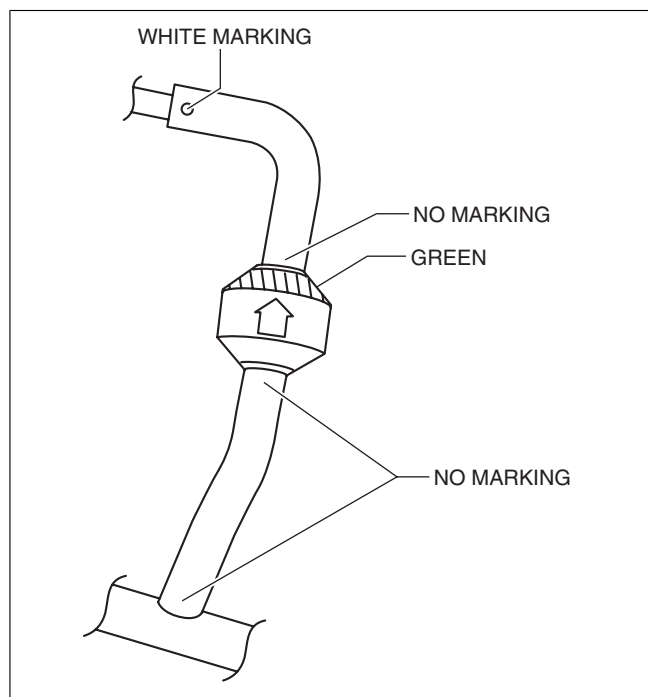
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Check valve side (ATX)



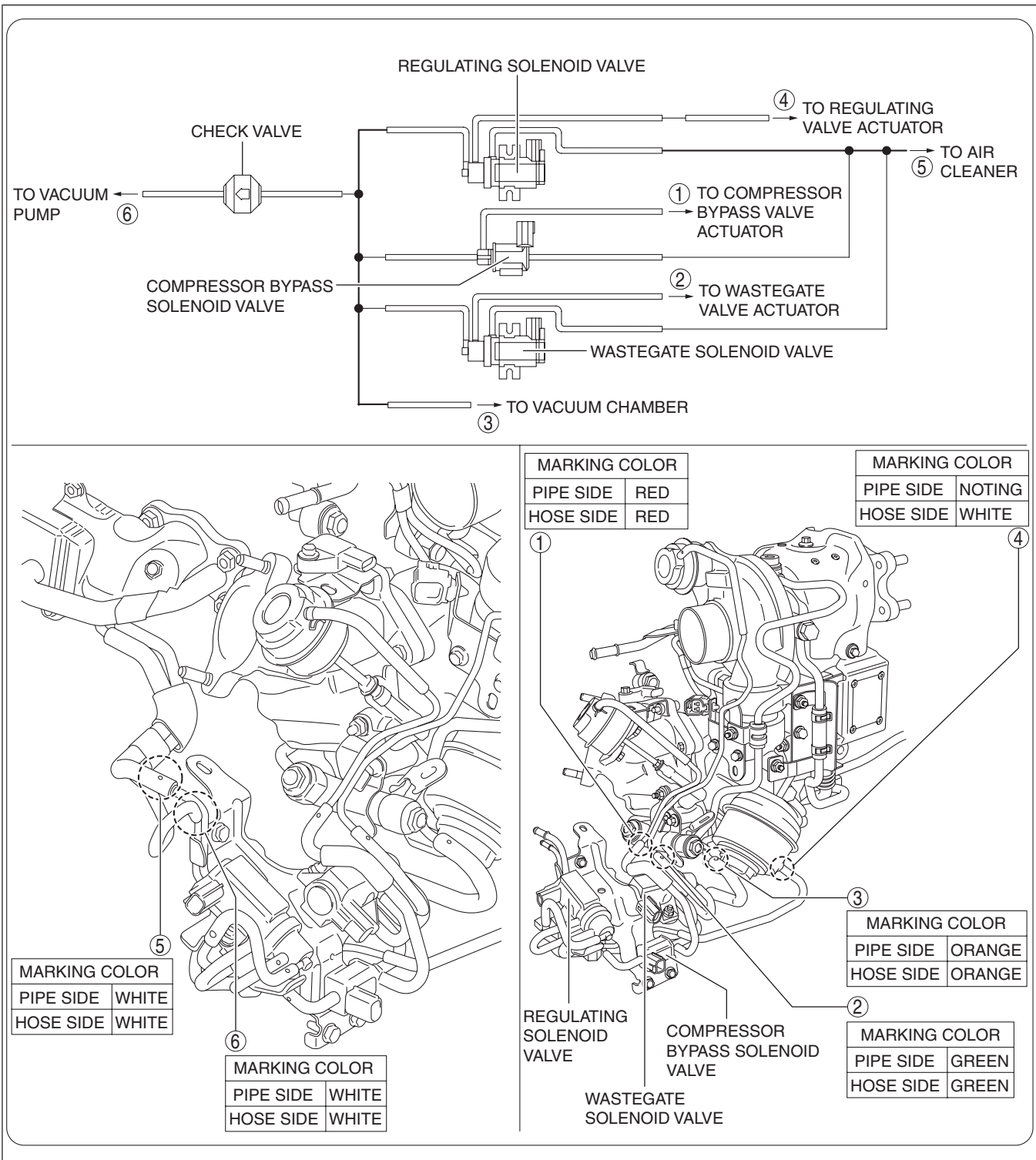
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Check valve side (MTX)



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Vacuum pipe bracket side (ATX)



Vacuum pipe bracket side (MTX)

