## VEHICLE SAFETY/POLLUTION RECALL CAMPAIGN IN JAPAN

Domestic /Import Vehicles

| CAMPAIGN No.   | Gai-2420   | DA                         |       | 18/July/2017 |  |
|----------------|--|----------------------------|-------|--------------|--|
| MANUFACTURER   | Automobiles Volvo Car Corporation  |                            |       |              |  |
|                | (Japanese Importer: Volvo Car Japan Limited)   |                            |       |              |  |
| DESCRIPTION OF | 1. Under certain specific driving conditions, such as high load  |                            |       |              |  |
| DEFECT         | (ex: trailer) or high speed immediately after cold start,  |                            |       |              |  |
|                | specifically in cold climate, the engine temperature gradient in the cylinder head may be too steep.   |                            |       |              |  |
|                | Consequently, this could lead to localized high stress in the  |                            |       |              |  |
|                | cylinder head material, which may cause damages in the cylinder<br>head.<br>The corrective action is to replace the new improved manifold<br>gasket together with modification to the coolant by-pass valve.<br>This will result in a less steep temperature gradient during |                            |       |              |  |
|                |  |                            |       |              |  |
|                |  |                            |       |              |  |
|                |  |                            |       |              |  |
|                | cold start.  |                            |       |              |  |
|                | 2. High ambient temperatures in warm climate, combined with<br>extended idling and certain driving patterns, causes the bleeder<br>hose material to crack.<br>The corrective action is to replace the bleeder hose.  |                            |       |              |  |
|                |  |                            |       |              |  |
|                |  |                            |       |              |  |
|                |  |                            |       |              |  |
|                |  |                            |       |              |  |
|                |  |                            |       |              |  |
| Γ              | 0.0000550111   |                            |       |              |  |
| TYPE           | COMMERCIAL   |                            | DEL   | NUMBER OF    |  |
| ТҮРЕ           | NAME   | YEAR                       |       | VEHICLE      |  |
|                |  | RECALLED                   |       |              |  |
| VOLVO          | [\$80]   | 2011                       |       | 60           |  |
|                | [V70]  | 2011 - 2015                |       | 2696         |  |
|                | [V60]  | 2011 - 2015<br>2011 - 2015 |       | 12299        |  |
|                | [\$60]   |                            |       | 5486         |  |
|                | [V40]  | 2013 - 2015                |       | 15559        |  |
|                | [V40CC]  | 2014                       |       | 199          |  |
|                |  |                            | TOTAL | 36299        |  |
|                |  |                            |       |              |  |