Volvo Car Corporation

Fault risk analysis/Simplified FMEA

Issuer (Dept. name, phone, location, sign) | Date | FGR-number | Reg no

Product change | KU-SU/number | Replaces report no

Name of component | AO number

Person ordering the assignment | VCCQ-number

Person responsible for the assignment | Project

1. What are the main functions of the component?

2. What other functions does the component have?

3. Describe the environment for the component.

4. Which versions are affected by the changes? (e.g. 800/900, RHD, 4-D/5-D, MFK, N2P, M56 etc.)

5. List the surrounding components and their functions.

6. What other functions or problems are indirectly affected by the product changes? (e.g. rattling, impact, leakage, wind noise, squeaks and squeals, galvanic corr. etc.)

7. How is assembly affected? (e.g. New bolt does not fit to existing tool.)

8. What are the reasons for the change? (e.g. Customer complaints, rationalisation, AT, etc.)

9. What components will be changed and how?

If you have problems filling in this form, please contact dept. 98310
### 10. POTENTIAL PROBLEMS IF THE CHANGES ARE IMPLEMENTED

<table>
<thead>
<tr>
<th>POSSIBLE PROBLEMS</th>
<th>REASONS (What can go wrong?)</th>
<th>PREVENTION (How can the problem be prevented or reduced?)</th>
<th>COMMENTS (Measures, results, verification, etc.)</th>
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As a result of the fault risk analysis the following measures are recommended:

- The problem analysis above constitutes a sufficient base for carrying out the component change.

- A new fault risk analysis should be done after design changes. **DATE:**
  - Design-FMEA to be performed, contact dept. 98310 or corresponding at ME/TE.
  - Process-FMEA to be performed, contact dept. 98310 or corresponding at ME/TE.
  - Assembly-FMEA to be performed, contact dept. 98310 or corresponding at ME/TE.
  - Logistic--FMEA to be performed, contact dept. 53830 or corresponding at ME/TE.
  - Reliability predictions to be performed, contact dept. 98310.
  - Other type of risk analysis to be performed, i.e.

At least three people should take part in the analysis.

The following people have taken part in the risk analysis:

- Design engineer (Mandatory)
- Manufacturing engineer
- Purchasing engineer
- Test engineer
- Production technician
- Aftersales
- Other participants