VOLVO

Volvo Truck Corporation

Fault risk analysis/simplified FMEA

Reg. number:

Product change: Object/EA-number:
Name of component: DCN number:
Person ordering the assignment: PROTUS:
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. FH/FL, L1H1, VE12, SR1700, RADD-BR)?

5. List the surrounding components and their functions.

6. What other functions or properties 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, rationalization, *new project*, etc.)?

9. What components will be changed and how?

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10. POTENTIAL PROBLEMS IF THE CHANGES ARE IMPLEMENTED

POSSIBLE PROBLEMS (What can go wrong?)	REASONS (What can cause the problem?)	PREVENTION (How can the problem be prevented or reduced?)

As a result of the fault risk analyses the following measures are recommended:
(Mark the answer decided upon by the analysis group.)

☐ The analysis above consitutes a sufficient base for carrying out the component change.

☐ A new fault risk analyses should be done after design changes.

☐ Design FMEA to be performed.

☐ Process FMEA to be performed.

☐ Assembly FMEA to be performed.

☐ Logistic FMEA to be performed.

☐ Reliability predictions to be performed.

☐ Other type of risk analysis to be performed:

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:

Other participants: