VOLVO Volvo Car Corporation	Document name **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		ÄO 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, ÄT, 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 car cause the problem?)	PREVENTION (How can the problem be prevented or reduced?)	COMMENTS (Measures, results, verification, etc.)

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

- ☐ 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:

	Name	Dept	Location
Design engineer (Mandatory)			
Manufacturing engineer			
Purchasing engineer			
Test engineer			
Production technician			
Aftersales			
Other participants			

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