

309257

Report

72268 - T



Change Request <input type="checkbox"/>	Change Order <input checked="" type="checkbox"/>	Initiator of Change	
Reason for Change		External: Customer <input type="checkbox"/>	
Part list creation & Drawings distribution.		Supplier <input type="checkbox"/>	
		Internal: <input checked="" type="checkbox"/>	
Reference		Issued by:	
German change order: 35928; E-mail of A. Gagliardi (09-12-2014).		Team: B/WLQ1	
		Name: M. Di Pasquale	
		Date: Dec, 4th 2014	
Description of Change			
Screws with washer discs instead of a retainer plate to fix the hollow shaft ball bearing.			

Distribution List	Drawings (DDA) ¹	Change Information		Drawings (DDA) ¹	Change Information
Issuer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/WLQ1: Central Quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B/ELE1: Product Engineering	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/WLQ3: Customer Service	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B/ELE2/3: Testing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/WLQ2: Metallurgical Laboratory	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B/WLP: ME	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/GPS1: Production line - Gears	<input type="checkbox"/>	<input type="checkbox"/>
B/EX: Program management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/GPS2: Production line - Shafts	<input type="checkbox"/>	<input type="checkbox"/>
B/BLF: Finance & Controlling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/GPS3: Housings (1)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B/EEL: Logistics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/GPS4: Assembly line	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B/WLQ4: SQA	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
B/WLQ4: Incoming Inspection	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Getrag Plants

DEU: Untergruppenbach	<input type="checkbox"/>	<input type="checkbox"/>	GEC: Sterling Heights	<input type="checkbox"/>	<input type="checkbox"/>
DEL: Ludwigsburg	<input type="checkbox"/>	<input type="checkbox"/>	GPG: Charlestone	<input type="checkbox"/>	<input type="checkbox"/>
DEN: Neuenstein	<input type="checkbox"/>	<input type="checkbox"/>	GFT: Köln	<input type="checkbox"/>	<input type="checkbox"/>
DER: Rosenberg	<input type="checkbox"/>	<input type="checkbox"/>	GFT: Kechnec	<input type="checkbox"/>	<input type="checkbox"/>
DEW: Bad Windsheim	<input type="checkbox"/>	<input type="checkbox"/>	GTC: Detroit	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Customers

C'HANGAN: Chongqing (CN)	<input type="checkbox"/>	<input type="checkbox"/>	FORD: Detroit (US)	<input type="checkbox"/>	<input type="checkbox"/>
CUMMINS: Darlington (US)	<input type="checkbox"/>	<input type="checkbox"/>	LAND ROVER: Longbridge (UK)	<input type="checkbox"/>	<input type="checkbox"/>
GME: Rüsselsheim (DE)	<input type="checkbox"/>	<input type="checkbox"/>	NAMG: Longbridge (UK)	<input type="checkbox"/>	<input type="checkbox"/>
GMB: São Paulo Brazil (BR)	<input type="checkbox"/>	<input type="checkbox"/>	RENAULT: Paris (FR)	<input type="checkbox"/>	<input type="checkbox"/>
GM-NAO & SATURN: Detroit (US)	<input type="checkbox"/>	<input type="checkbox"/>	ROVER: Longbridge (UK)	<input type="checkbox"/>	<input type="checkbox"/>
FIAT: Torino (IT)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Remarks

(1) This department has to receive the drawings: 2500331322, 2500332110, 2500646201 and 2500666701.

BP

1 Index

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2 Info

35928:

- Change of the height of the bearing seat of $14,9\pm 0,04$ mm instead $14,75\pm 0,08$ mm to increase the robustness.
- 3 screws (900.9.0630.10) and the retainer plate (250.7.4177.01) will be replaced by a screw with added washer (900.9.0270.12).
- This change is only for the K9K application. Other RSA applications will be tracked with the CR35929 and CR35930.
- The following CRs have been implemented also:
 - o CR36219: has been implemented. With this change the porosity overview 250.0.9515.00 was updated and described, that PK specifications are to be removed from the single part drawings, which are defined in the overview.
 - o CR250/5388: The diameter of the oil drain chamfer is to get a <M> characteristic.
 - o CR36123: Machining of the TR1 and TR2 holes where added back to the 3313 drawings as required for the new EU6 variants. Within the change no new chart drawings have been created so a tracking of the parts is not given as this change has an impact on interchangeability. This will be handled now within this change 35928.

E-mail of Gagliardi: requested creation of part list 9009065860KDFO (Spare Parts).

3 Material Master Modification

- In the material master **2500331322** "Clutch Housing" add the Italian part name "Scatola Frizione".
- In the material master **2500331323** "Clutch Housing" add the Italian part name "Scatola Frizione".
- In the material master **2500331332** "Clutch Housing" add the Italian part name "Scatola Frizione".
- In the material master **2500332110** "Clutch Housing" add the Italian part name "Scatola Frizione".

- In the material master **2500332111** "Clutch Housing" add the Italian part name "Scatola Frizione".
- In the material master **2500332112** "Clutch Housing" add the Italian part name "Scatola Frizione".
- In the material master **2500332113** "Clutch Housing" add the Italian part name "Scatola Frizione".
- In the material master **2500646201** "Clutch Housing Chart" add the Italian part name "Chart Scatola Frizione".
- In the material master **2500666701** "Clutch Housing Chart" add the Italian part name "Chart Scatola Frizione".
- In the material master **2500331222** "Clutch Housing Pre Asm" add the Italian part name "Scatola Frizione pre-assemblata".
- In the material master **2500332002** "Clutch Housing Pre Asm" add the Italian part name "Scatola Frizione pre-assemblata".
- In the material master **2500332003** "Clutch Housing Pre Asm" add the Italian part name "Scatola Frizione pre-assemblata".

4 Part List Creation

- Create new part list **2500646201** "Clutch Housing Chart" and **add:**

0010	2500331322	Clutch Housing	1	PZ	Z
0020	2500331323	Clutch Housing	1	PZ	Z
0030	2500331332	Clutch Housing	1	PZ	Z

- Create new part list **2500332110** "Clutch Housing" and **add:**

0010	2500332190	Clutch Housing Raw Part	1	PZ	L
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- Create new part list **2500666701** "Clutch Housing Chart" and **add:**

set with attribute "W1"

0010	2500332110	Clutch Housing	1	PZ	X
------	------------	----------------	---	----	---

set with attribute "W0"

0020	2500332111	Clutch Housing	1	PZ	X
------	------------	----------------	---	----	---

set with attribute "W0"

0030	2500332112	Clutch Housing	1	PZ	X
------	------------	----------------	---	----	---

set with attribute "W0"

0040	2500332113	Clutch Housing	1	PZ	X
------	------------	----------------	---	----	---

- Copy part list 2500331220 "Clutch Housing Pre Asm" and rename it as **2500331222** "Clutch Housing Pre Asm".

In the part list **2500331222**:

0010	2500646200	Clutch Housing Chart	1	PZ	L
gets					

0010	2500646201	Clutch Housing Chart	1	PZ	L
------	------------	----------------------	---	----	---

delete

0200	2507417701	Holding Plate	1	PZ	L
------	------------	---------------	---	----	---

0210	9009063010	External Six-Lobe Flange Bolt	3	PZ	L
------	------------	-------------------------------	---	----	---

gets

0210	9009027012	Hexalob. Socket Pan Head Screw w. Washer	3	PZ	L
------	------------	--	---	----	---

- Copy part list 2500332000 "Clutch Housing Pre Asm" and rename it as **2500332002** "Clutch Housing Pre Asm".

In the part list **2500332002**:

0010	2500666700	Clutch Housing Chart	1	PZ	L
------	------------	----------------------	---	----	---

gets

0010	2500666701	Clutch Housing Chart	1	PZ	L
------	------------	----------------------	---	----	---

delete

0200	2507417701	Holding Plate	1	PZ	L
------	------------	---------------	---	----	---

0210	9009063010	External Six-Lobe Flange Bolt	3	PZ	L
------	------------	-------------------------------	---	----	---

gets

0210	9009027012	Hexalob. Socket Pan Head Screw w. Washer	3	PZ	L
------	------------	--	---	----	---

- Copy part list 2500332001 "Clutch Housing Pre Asm" and rename it as **2500332003** "Clutch Housing Pre Asm".

In the part list **2500332003**:

0010	2500666700	Clutch Housing Chart	1	PZ	L
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gets

0010	2500666701	Clutch Housing Chart	1	PZ	L
------	------------	----------------------	---	----	---

delete

0200	2507417701	Holding Plate	1	PZ	L
------	------------	---------------	---	----	---

0210	9009063010	External Six-Lobe Flange Bolt	3	PZ	L
------	------------	-------------------------------	---	----	---

gets

0210	9009027012	Hexalob. Socket Pan Head Screw w. Washer	3	PZ	L
------	------------	--	---	----	---

Change Request <input type="checkbox"/>	Change Order <input checked="" type="checkbox"/>	Initiator of Change
Reason for Change Drawings distribution		External: Customer <input type="checkbox"/> Supplier <input type="checkbox"/> Internal: <input checked="" type="checkbox"/>
Reference German change order: 36123.		Issued by: Team: B/WLQ1 Name: M. Di Pasquale Date: Nov, 12th 2014

Description of Change Re-activate machining of hole TR1 and TR2 on Clutch Housing K9K.
--

Distribution List	Drawings (DDA) ¹	Change Information		Drawings (DDA) ¹	Change Information
Issuer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/WLQ1: Central Quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B/ELE1: Product Engineering	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/WLQ3: Customer Service	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B/ELE2/3: Testing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/WLQ2: Metallurgical Laboratory	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B/WLP: ME	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/GPS1: Production line - Gears	<input type="checkbox"/>	<input type="checkbox"/>
B/EX: Program management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/GPS2: Production line - Shafts	<input type="checkbox"/>	<input type="checkbox"/>
B/BLF: Finance & Controlling	<input type="checkbox"/>	<input type="checkbox"/>	B/GPS3: Housings (2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B/EEL: Logistics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B/GPS4: Assembly line	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B/WLQ4: SQA	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
B/WLQ4: Incoming Inspection (1)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Getrag Plants					
DEU: Unterguppenbach	<input type="checkbox"/>	<input type="checkbox"/>	GEC: Sterling Heights	<input type="checkbox"/>	<input type="checkbox"/>
DEL: Ludwigsburg	<input type="checkbox"/>	<input type="checkbox"/>	GPG: Charlestone	<input type="checkbox"/>	<input type="checkbox"/>
DEN: Neuenstein	<input type="checkbox"/>	<input type="checkbox"/>	GFT: Köln	<input type="checkbox"/>	<input type="checkbox"/>
DER: Rosenberg	<input type="checkbox"/>	<input type="checkbox"/>	GFT: Kechnec	<input type="checkbox"/>	<input type="checkbox"/>
DEW: Bad Windsheim	<input type="checkbox"/>	<input type="checkbox"/>	GTC: Detroit	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Customers					
C'HANGAN: Chongqing (CN)	<input type="checkbox"/>	<input type="checkbox"/>	FORD: Detroit (US)	<input type="checkbox"/>	<input type="checkbox"/>
CUMMINS: Darlington (US)	<input type="checkbox"/>	<input type="checkbox"/>	LAND ROVER: Longbridge (UK)	<input type="checkbox"/>	<input type="checkbox"/>
GME: Rüsselsheim (DE)	<input type="checkbox"/>	<input type="checkbox"/>	NAMG: Longbridge (UK)	<input type="checkbox"/>	<input type="checkbox"/>
GMB: São Paulo Brazil (BR)	<input type="checkbox"/>	<input type="checkbox"/>	RENAULT: Paris (FR)	<input type="checkbox"/>	<input type="checkbox"/>
GM-NAO & SATURN: Detroit (US)	<input type="checkbox"/>	<input type="checkbox"/>	ROVER: Longbridge (UK)	<input type="checkbox"/>	<input type="checkbox"/>
FIAT: Torino (IT)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Remarks (1) This department has to receive the drawings 2500331321 and 2500331331; (2) This department has to receive the drawings 2500331320 and 2500331330.
--

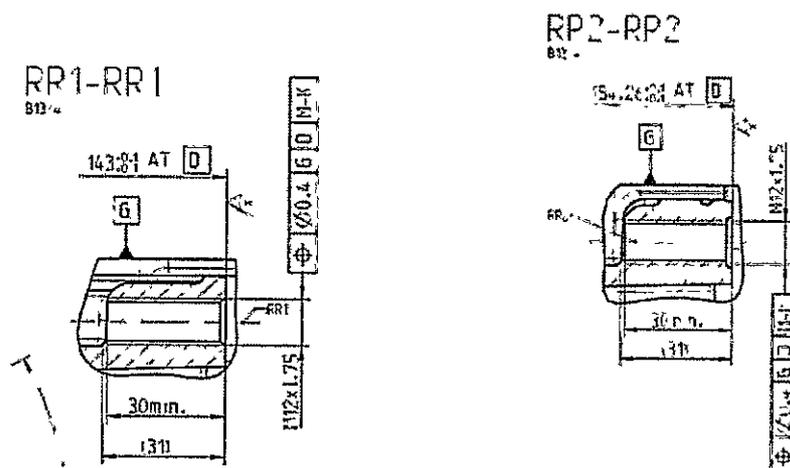
BP

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2 Info

Renault requests to modify the Torque Rod Holes (TR1, TR2) on Clutch Housing for the new K9K Euro 6 variants. Change will be implemented for all K9K applications to avoid increase of complexity.



3 Spare parts

- No impact on Spare parts -

4 Drawing Distribution

- **2500000434E 6 Speed DC TRANSMISSION (1-5) AE " c " from 03.11.2014**
(Maturity level of specification F approved)
Sheet 4 - E8: VIEW TR1, TR2, MACHINING OF M12X1.75 WITH ALL DIMENSIONS ADDED.
- **2500000436E 6 Speed DC TRANSMISSION (1-5) AE " b " from 03.11.2014**
(Maturity level of specification F approved)
Sheet 4 - E8: VIEW TR1, TR2, MACHINING OF M12X1.75 WITH ALL DIMENSIONS ADDED.

- **2500331320** **Clutch Housing (1-5)** **AE " e " from 03.11.2014**
(Maturity level of specification F approved)
Sheet 4 – D7: VIEW TR1,TR2, MACHINING OF M12X1.75 WITH ALL DIMENSIONS
ADDED.
- **2500331321** **Clutch Housing (1-5)** **AE " c " from 03.11.2014**
(Maturity level of specification F approved)
Sheet 4 – D7: VIEW TR1,TR2, MACHINING OF M12X1.75 WITH ALL DIMENSIONS
ADDED.
- **2500331330** **Clutch Housing (1-5)** **AE " b " from 03.11.2014**
(Maturity level of specification F approved)
Sheet 4 – D7: VIEW TR1,TR2, MACHINING OF M12X1.75 WITH ALL DIMENSIONS
ADDED.
- **2500331331** **Clutch Housing (1-5)** **AE " b " from 03.11.2014**
(Maturity level of specification F approved)
Sheet 4 – D7: VIEW TR1,TR2, MACHINING OF M12X1.75 WITH ALL DIMENSIONS
ADDED.

5 Instructions

- The modification must be followed from all affected departments.
- The old drawing must be replaced.
- GPS3 department has to take a break point, for modification referred to:
 - 2500331320;
 - 2500331330.
- GPS4 department has to take a break point, for modification referred to:
 - 2500331321;
 - 2500331331.
- **#MTC1049#: THE CHANGE IS READY TO BE IMPLEMENTED. THE CHAMPION HAS TO MAKE SURE THAT ALL CHECK LIST ACTIVITIES ARE COMPLETE BEFORE KICKING OFF THE MODIFICATION. BREAK POINT MUST BE COMMUNICATED TO ELE1.**

6 Breakpoint request

Data di comunicazione modifica: DATE OF THE CHANGE ORDER:		Numero di comunicazione modifica: CHANGE ORDER NUMBER:				
Codice pezzo: PART NUMBER:		Denominazione: PART NAME:				
PRODUZIONE PRODUCTION	Codice pezzo: PART NUMBER COMPONENT:					
	Data di produzione: PRODUCTION DATE:					
	Data di uscita: DELIVERY DATE:				Firma: SIGNATURE:	
MONTAGGIO ASSEMBLY	Tipo di cambio: TRANSMISSION VARIANT:					
	Data di montaggio: ASSEMBLY DATE:					
	1° numero cambio: 1ST TRANSMISSION AFFECTED BY THE CHANGE:				Firma: SIGNATURE:	
SPEDIZIONE LOGISTICS	Termine di consegna: DELIVERY DATE:					
	Data di uscita: DELIVERY DATE:				Firma: SIGNATURE:	
Osservazioni: REMARKS:						
Destinatari: DISTRIBUTION LIST:			✓	✓	✓	
Reparto: DEPARTMENT:	GPS 1	GPS 2	GPS 3	GPS 4	ELE 1	
Data: DATE:						

		Änderungsauftrag <input checked="" type="checkbox"/>		Änderungs-Nr.: Change No.: 36125	
Zugehörige BA-Nr.: Correlated BA No.:		3/990/250		Getriebetyp / -Variante Transmission type / version 6DCT250 Renault K9K	
Aussteller / Issuer: Datum, Name Date, Name		17.03.2013 N. Achille		Erledigter LED4 / Executer LED4 Datum, Name Date, Name 24.03.2014 H. Kobald	
Benennung: Description:		Drawing update			
Änderungsgrund: Reason of change:		Machining fine tuning at Bad Windsheim entsprechend Änderungskatalog GR002 Teil2 / according to change catalogue GR 002 part2			
Bezüge: References:		70869			
Stücklistenänderung: Change of bill of material:		Ja / Yes <input type="checkbox"/> Nein / No <input checked="" type="checkbox"/>		Mussänderung: Mandatory change: Ja / Yes <input checked="" type="checkbox"/> Nein / No <input type="checkbox"/>	
Stücklistenänderung: Change of bill of material:		<input checked="" type="checkbox"/> U'bach <input checked="" type="checkbox"/> Bari <input type="checkbox"/> Mexico <input type="checkbox"/> China			<input type="checkbox"/> Engineering level BOM
Änderungsveranlasser: Initiator of change:		Extern / external:		Intern / internal:	
Betroffene Applikation: Affected application:		<input type="checkbox"/> Ford <input checked="" type="checkbox"/> Renault <input type="checkbox"/> Edison <input type="checkbox"/> Qoros			

- Beschreibung der Hintergründe – Referenzen – Bezüge / Description of backgrounds - References, Relation

[Due to start-up of BWH production, some drawing adaptations were required to be added. Those modifications are also implemented into BARI drawings.]

- Zeichnungsänderungen / Drawing changes

Sach Nr.: Part No.:	Benennung: Description:	Änderungsindex: Change Index:	Datum: Date:	Teilart: Parttype:
250.0.3313.20	Clutch housing RENAULT K9K X95	d	13-03-2014	HALB
250.0.3313.21	Clutch housing RENAULT K9K X95	b	13-03-2014	HALB
250.0.3313.30	Clutch housing RENAULT K9K X95	a	13-03-2014	HALB
250.0.3313.31	Clutch housing RENAULT K9K X95	a	13-03-2014	HALB

Sheet 1:

B13: Note added

Sheet 2:

C15: Note and chamfer specification added;

B12: $\phi \text{ } \overline{\text{Ø0.4}} \text{ } \overline{\text{GID}} \text{ } \overline{\text{M-K}}$ deleted

[true for 250.0.3313.20 and .21]

Sheet 3:

L8: View added;

K14 and K10: Chamfer specification added;

K9: Note added

Sheet 4:

K1, G1, C2 and F7: Note added

Printed copies are unchecked!		DRAFT	Seite / Page: 1 / 4
Formular Nr: Form No.	Eigner/ Owner: Abteilung/Dept.:	Erstellung / Issued: 2012-11-23 Änderung/Change: b	Änderungs-Nr. / Change No.:

Sheet 5:

B7 and B9: Chamfer specification added;
K10 and K12: Note added

• Stücklistenänderungen / BOM changes:

Sach Nr.: Part No.:	Benennung: Description:

• Verfügung / Disposition:

Einsatztermin / Date of application: immediately

Checklist	Ja / Yes	Nein / No	Bemerkungen / Remarks
Systementwurf: Änderungen eingepflegt / System design: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Pflichtenheft: Änderungen eingepflegt / Functional specification: Changes Integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Softwaredokumentation: Änderungen eingepflegt / Software documentation: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Einkauf: Aktivitäten starten - Beschaffung einleiten / Purchasing: start activities - Initiate purchasing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Montage: Änderung einführen Assembly: Implement change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Fertigung: Änderung umsetzen Production: Implement change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Werkzeug betroffen: Tools affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Einsatzmeldung: Application report:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
FMEA betroffen: FMEA affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IMDS betroffen: IMDS affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	evaluate the new part numbers
Erprobung notwendig Testing required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kostenplan erforderlich: Cost plan required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Zeitplan erforderlich: Time plan required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kommunikation mit Kunde per DCD, RCT... Communication with customer via DCD, RCT...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Ersatzteilbedarf betroffen Spare part requirements affected	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Weitere betroffene Dokumente: Other documents affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Verwendung von Vorhandenem(n) Disposition of stock	Material Material	Teilen Parts	Baugruppen Assemblies	Bemerkung / Teilenummer Remark / Part number
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Printed copies are unchecked!		DRAFT	Seite / Page: 2 / 4
Formular Nr: Form No.	Eigner/ Owner: Abteilung/Dept.:	Erstellung / Issued: 2012-11-23 Änderung/Change: b	Änderungs-Nr. / Change No.:

Aufbrauchen Use up	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Nacharbeiten Rework	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Verschrotten nach Verwendungsnachweis Scrap after usage list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Endverteiler für Änderungsauftrag / Distribution list for change order

Aussteller / Issuer Nicola Achille	<input checked="" type="checkbox"/>	Musterfertigung / Prorotype production Guenter Bruckelt Ralf Notter Thomas Scherr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Mechanik / Design PT Mechanics Klaus Kranich Ryan Kadlec Michael Bassler J. Bausch	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Einkauf Koordination / Purchase Coordination Andreas Pfister; Andrea Gelz Corina Simu	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Kupplung / Design PT Clutch Torsten Kramm	<input type="checkbox"/> <input type="checkbox"/>	Lieferantenteam / Supplier team aenderungen.einkauf@getrag.com China: hq_ipo2@getrag.com.cn	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Elektrik / Design PT Electrics Heiko Soehner	<input type="checkbox"/> <input type="checkbox"/>	Verzahnungsentwicklung / Gear development Fabrizio Cricenti Franz-Josef Raeffle	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Softwareentwicklung / Software Development Tobias Kalisch (Qoros) Clemens Decker (Renault) Bruce Palansky (Ford) Andreas Leute (Edison)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Projektsteuerer / PMO Christian Smith (Ford B-Car) Christopher Stammen (Ford C-Car) Sigmar Geiger (Renault) Carsten Hau (Edison, Qoros)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
System Ingenieur / System Engineer Jochen Bausch (Renault) Rahul Playvullathil (Ford) Klaus Eckweiler (Edison) Dr. Ralph Richter (Qoros)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	FMEA-Team / FMEA-Team Roland Bechtold Gregory Szweczyk (Ford) Sebastian Strohmmer (Renault, Edison, Qoros) Thomas Walter (DCT300)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Versuch PT / Testing PT + Versuchswerkstatt / Test shop Steffen Seidel (Renault, Edison, Qoros) Anthony Camilleri (Ford) Dennis Denomme (Ford) Andreas Rohn Andreas Schick (new DVP)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kundenteam / Customer Team Peter Kyber (Renault) Christopher Shaffer (Ford) Audrey Giem (Ford) Xiong Wen (Qoros) Hueseyin Uysal (Edison)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Logistik U-Bach / Logistic U-Bach Yasar Dikmenli Udo Braeuninger	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Financial Controlling Helmut Pfister Sheryl Smith Sun Xiaoliang	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Printed copies are unchecked!		DRAFT	Seite / Page: 3 / 4
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Qualitätsvorausplanung / Quality forward planning Daniel Vogt (Qoros) Marcel Wolf (Renault, Edison) Gregory Szewczyk (Ford)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	IMDS-Team Claudio Loiacono Gregory Szewczyk (Ford) Günter Braun (Renault, Edison) Ai Pan (Qoros)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
ME Vorausplanung / ME Forward Planning Antonio Pace	<input type="checkbox"/> <input type="checkbox"/>	GETRAG Logistik Dienstleistungs Zentrum (Neuenstadt) / GETRAG Centralized Logistic Department LDZ.Aenderungsdienst@getrag.com	<input checked="" type="checkbox"/> <input type="checkbox"/>
GETRAG S.p.A. (Modugno) Leonardo Santoro; Ettore Camarda; Mariagrazia Di Pasquale; Nicola Achille; Gennaro Pierro; Filippo Russo; Pietro Bellomo	<input checked="" type="checkbox"/> <input type="checkbox"/>	GETRAG Transmission Manufacturing de México S. A. de C. V. Augstin Origel; Jose Arellano; Miguel Mosqueda; Ruben Marquez; Juan Guillen; Rafael Valencia; Omar Martinez; Juan Velazquez; Adriana Ramirez; Jorge Reynoso	<input type="checkbox"/> <input type="checkbox"/>
WWLP GETRAG.DEW.Aenderungsdienst@getrag.com W/MES11 Rainer Wirth W/MES11 Helmut Schuh	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	GETRAG (JIANGXI) TRANSMISSION CO.,LTD (Nanchang) Harold Qi; Liu Bo, Gu Bin; Ai Pan	<input type="checkbox"/> <input type="checkbox"/>
Change Control Coordinator Kathrin Rayiet; Jasmin Capelle	<input checked="" type="checkbox"/> <input type="checkbox"/>	Funktionssicherheit / Nur für Sensorik Functional safety / Only for sensor Martin Seufert	<input type="checkbox"/> <input type="checkbox"/>
Service GTC (FORD) Ryan Kadlec; Cynthia Yantus	<input type="checkbox"/> <input type="checkbox"/>	Service Bari (Renault) Josef Salenbauch	<input checked="" type="checkbox"/> <input type="checkbox"/>
Program Management Christian Smith (FORD B-Car) Christopher Stammen (FORD C-Car) Ali Saleh (FORD C-Car) Ertan Özkan (Renault) Jan-Hendrik Zoll (Renault) Ralf Jäger (Edison) Michael Rudolph (Edison) Steffen Sanzenbacher (Qoros) Felix Hillebrecht (Qoros)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	STA Sonstige / Other	<input type="checkbox"/> <input checked="" type="checkbox"/>

Änderungsauftrag freigegeben Change order released Program Manager/ Product team leader	Ja / Yes <input checked="" type="checkbox"/> Nein / No <input type="checkbox"/>	Name/ Date S. Kropfreiter 20 March 2014
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		Änderungsauftrag <input checked="" type="checkbox"/>		Änderungs-Nr.: Change No.: 35901	
Zugehörige BA-Nr.: Correlated BA No.: 3/990/250		Getriebetyp / -Variante Transmission type / version 6DCT250 Renault K9K			
Aussteller / Issuer: Datum, Name Date, Name 10.01.2013 N. Achille		Erfolger LED4 / Executer LED4 Datum, Name Date, Name 16.01.2014 H. Kobald			
Benennung: Description: Drawing release for new raw part supplier					
Änderungsgrund: Reason of change: New additional die cast supplier F.V.M. (Groupe Arche). entsprechend Änderungskatalog GR002 Teil2 / according to change catalogue GR 002 part2					
Bezüge: References: 250_5502, 36061					
Stücklistenänderung: Change of bill of material:		Ja / Yes <input type="checkbox"/> Nein / No <input checked="" type="checkbox"/>		Mussänderung: Mandatory change: Ja / Yes <input checked="" type="checkbox"/> Nein / No <input type="checkbox"/>	
Stücklistenänderung: Change of bill of material:		<input checked="" type="checkbox"/> U'bach <input checked="" type="checkbox"/> Bari <input type="checkbox"/> Mexico <input type="checkbox"/> China		<input type="checkbox"/> Engineering level BOM	
Änderungsveranlasser: Initiator of change:		Extern / external:		Intern / internal:	
Betroffene Application: Affected application:		<input type="checkbox"/> Ford <input checked="" type="checkbox"/> Renault <input type="checkbox"/> Edison <input type="checkbox"/> Qoros			

• Beschreibung der Hintergründe – Referenzen – Bezüge / Description of backgrounds - References, Relation

Release of the new Clutch housings REN K9K, because new die cast supplier F.V.M. (Groupe Arche), that will supply the part in additional to the current supplier DGH.
Clutch housings raw (of both supplier) will be machined in Bad Windsheim and in Bari.
Due to management of the parts, a group numbers strategy is applied.
Raw part drawing will be release by 35901_1

By this report the CR36061(Machining deletion of hole W5) and CR250_5502 (Internal traceability in Bad Windsheim) gets implemented on the K9K X95 housings.

By this change some typing mistake are correct, those are highlight below by [*].

• Zeichnungsänderungen / Drawing changes

Sach Nr.: Part No.:	Benennung: Description:	Änderungsindex: Change Index:	Datum: Date:	Teileart: Parttype:
250.0.3313.20	Clutch housing RENAULT K9K X95	c	10-01-2010	HALB

Sheet 1:

E13: Dimension 78.432 and angle 41.766° deleted [Ref. to CR36061];
D4: Add group number note [Ref. to CR35901].

Sheet 2:

I3: 30° ±3° was 30° ±0.3° [*].

Sheet 4:

H6: Section W5 deleted [Ref. to CR36061];

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				Änderungs-Nr. / Change No.:	

L9: 1.5 ±0.3 was 1.5±0.1 [*];
 K2: 1.5 ±0.4 was 1.5±0.2 [*].

Sheet 5:
 B7: Roughness W added [*];
 F5 and H5: 0.7±0.3 was 0.7±0.2 [*];
 F2: 1.2±0.3 was 1.2±0.1 [*].

Sach Nr. Part No.:	Benennung: Description:	Änderungsindex: Change Index:	Datum: Date:	Teileart: Parttype:
250.0.3313.21	Clutch housing RENAULT K9K X95	-	10-01-2010	HALB

Sheet 1:
 E13: Dimension $\overline{78.432}$ and angle $\overline{41.766^\circ}$ deleted [Ref. to CR36061];
 J15: R0.4 Max was R0.4±0.2 [*].

Sheet 2:
 E3: 30° ±3° was 30° ±0.3° [*].

Sheet 3:
 H16: Roughness W added [*];
 C2: Note added [Ref. to CR250_5502].

Sheet 4:
 H6: Section W5 deleted [Ref. to CR36061];
 L9: 1.5 ±0.3 was 1.5±0.1 [*];
 K2: 1.5 ±0.4 was 1.5±0.2 [*].

Sheet 5:
 B7: Roughness W added [*];
 F5 and H5: 0.7±0.3 was 0.7±0.2 [*];
 F2: 1.2±0.3 was 1.2±0.1 [*].

Sach Nr. Part No.:	Benennung: Description:	Änderungsindex: Change Index:	Datum: Date:	Teileart: Parttype:
250.0.3313.30	Clutch housing RENAULT K9K X95	-	13-01-2010	HALB

SPECIFICATION MATURITY LEVEL 3 APPROVED

Sach Nr. Part No.:	Benennung: Description:	Änderungsindex: Change Index:	Datum: Date:	Teileart: Parttype:
250.0.3313.31	Clutch housing RENAULT K9K X95	-	13-01-2010	HALB

SPECIFICATION MATURITY LEVEL 3 APPROVED

Sach Nr. Part No.:	Benennung: Description:	Änderungsindex: Change Index:	Datum: Date:	Teileart: Parttype:
250.0.3312.20	CLUTCH HOUSING PRE ASM	a	13-01-2010	HALB

H9: 250.0.3313.20 got 250.0.6462.00 (CHART)

Sach Nr. Part No.:	Benennung: Description:	Änderungsindex: Change Index:	Datum: Date:	Teileart: Parttype:
250.0.6462.00	CHART CLUTCH HOUSING	-	10-01-2010	HALB

SPECIFICATION MATURITY LEVEL 3 APPROVED

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Formular Nr. Form No.	Eigner/ Owner: Abteilung/Dept.:	Erstellung / Issued: 2012-11-23 Änderung/Change: b	Änderungs-Nr. / Change No.:

• Stücklistenänderungen / BOM changes:

Sach Nr.: Part No.:	Benennung: Description:
250.0.3312.20	CLUTCH HOUSING PRE ASM

0010: 250.0.3313.20 becomes 250.0.6462.00

• Verfügung / Disposition:

250.0.3313.21, 250.0.3313.30 and 250.0.3313.31, can be used after the PPAP approval.

Einsatztermin / Date of application: immediately

Checklist	Ja / Yes	Nein / No	Bemerkungen / Remarks
Systementwurf: Änderungen eingepflegt / System design: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Pflichtenheft: Änderungen eingepflegt / Functional specification: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Software dokumentation: Änderungen eingepflegt / Software documentation: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Einkauf: Aktivitäten starten - Beschaffung einleiten / Purchasing: start activities - Initiate purchasing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Montage: Änderung einführen Assembly: Implement change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Fertigung: Änderung umsetzen Production: Implement change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Werkzeug betroffen: Tools affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Einsatzmeldung: Application report:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
FMEA betroffen: FMEA affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IMDS betroffen: IMDS affected:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	evaluate the new part numbers
Erprobung notwendig Testing required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kostenplan erforderlich: Cost plan required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Zeitplan erforderlich: Time plan required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kommunikation mit Kunde per DCD, RCT... Communication with customer via DCD, RCT...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Ersatzteilbedarf betroffen Spare part requirements affected	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Weitere betroffene Dokumente: Other documents affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Printed copies are unchecked!		DRAFT	Seite / Page: 3 / 5
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Verwendung von vorhandenem(n) Disposition of stock	Material Material	Teilen Parts	Baugruppen Assemblies	Bemerkung / Teilenummer Remark / Part number
Aufbrauchen Use up	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Nacharbeiten Rework	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Verschrotten nach Verwendungsnachweis Scrap after usage list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Endverteiler für Änderungsauftrag / Distribution list for change order			
Aussteller / Issuer Nicola Achille	<input checked="" type="checkbox"/>	Musterfertigung / Prototype production Guenter Bruckelt Ralf Notter Thomas Scherr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Mechanik / Design PT Mechanics Klaus Kranich Ryan Kadlec Michael Bassler J. Nikolaizig	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Einkauf Koordination / Purchase Coordination Andreas Pfister; Andrea Gelz Corina Simu	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Kupplung / Design PT Clutch Torsten Kramm	<input type="checkbox"/> <input type="checkbox"/>	Lieferantenteam / Supplier team aenderungen.einkauf@getrag.com China: hq_ipo2@getrag.com.cn	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Elektrik / Design PT Electric Heiko Soehner	<input type="checkbox"/> <input type="checkbox"/>	Verzahnungsentwicklung / Gear development Fabrizio Cricenti Franz-Josef Raeffle	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Softwareentwicklung / Software Development Tobias Kalisch (Qoros) Clemens Decker (Renault) Bruce Palansky (Ford) Andreas Leute (Edison)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Projektsteuerer / PMO Christian Smith (Ford B-Car) Christopher Stammen (Ford C-Car) Sigmar Geiger (Renault) Carsten Hau (Edison, Qoros)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
System Ingenieur / System Engineer Jochen Bausch (Renault) Rahul Plavullathil (Ford) Klaus Eckweiler (Edison) Dr. Ralph Richter (Qoros)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	FMEA-Team / FMEA-Team Roland Bechtold Gregory Szweczyk (Ford) Sebastian Strohmer (Renault, Edison, Qoros) Thomas Walter (DCT300)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Versuch PT / Testing PT + Versuchswerkstatt / Test shop Steffen Seidel (Renault, Edison, Qoros) Anthony Camilleri (Ford) Dennis Denomme (Ford) Andreas Rohn Andreas Schick (new DVP)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kundenteam / Customer Team Peter Kyber (Renault) Christopher Shaffer (Ford) Audrey Giem (Ford) Xiong Wen (Qoros) Hueseyin Uysal (Edison)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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Formular Nr: Form No.	Eigner/ Owner: Abteilung/Dept.:	Erstellung / Issued: 2012-11-23 Änderung/Change: b	Änderungs-Nr. / Change No.:

Logistik U-Bach / Logistic U-Bach Yasar Dikmenli Udo Braeuningner	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Financial Controlling Helmut Pfister Sheryl Smith Sun Xiaoliang	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Qualitätsvorausplanung / Quality forward planning Daniel Vogt (Qoros) Marcel Wolf (Renault, Edison) Gregory Szewczyk (Ford)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	IMDS-Team Claudio Loiacono Gregory Szewczyk (Ford) Günter Braun (Renault, Edison) Ai Pan (Qoros)	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
ME Vorausplanung / ME Forward Planning Antonio Pace	<input type="checkbox"/> <input type="checkbox"/>	GETRAG Logistik Dienstleistungs Zentrum (Neuenstadt) / GETRAG Centralized Logistic Department LDZ.Aenderungsdienst@getrag.com	<input checked="" type="checkbox"/> <input type="checkbox"/>
GETRAG S.p.A. (Modugno) Leonardo Santoro; Ettore Camarda; Mariagrazia Di Pasquale; Nicola Achille; Gennaro Pierro; Filippo Russo; Pietro Bellomo	<input checked="" type="checkbox"/> <input type="checkbox"/>	GETRAG Transmission Manufacturing de México S. A. de C. V. Augstin Origel; Jose Arellano; Miguel Mosqueda; Ruben Marquez; Juan Guillen; Rafael Valencia; Omar Martinez; Juan Velazquez; Adriana Ramirez; Jorge Reynoso	<input type="checkbox"/> <input type="checkbox"/>
WWLP GETRAG.DEW.Aenderungsdienst@getrag.com W/MES11 Rainer Wirth W/MES11 Helmut Schuh	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	GETRAG (JIANGXI) TRANSMISSION CO.,LTD (Nanchang) Harold Qi; Liu Bo, Gu Bin; Ai Pan	<input type="checkbox"/> <input type="checkbox"/>
Change Control Coordinator Kathrin Rayiet; Jasmin Capelle	<input checked="" type="checkbox"/> <input type="checkbox"/>	Funktionssicherheit / Nur für Sensorik Functional safety / Only for sensor Martin Seufert	<input type="checkbox"/> <input type="checkbox"/>
Service GTC (FORD) Ryan Kadlec; Cynthia Yantus	<input type="checkbox"/> <input type="checkbox"/>	Service Bari (Renault) Josef Salenbauch	<input checked="" type="checkbox"/> <input type="checkbox"/>
Program Management Christian Smith (FORD B-Car) Christopher Stammen (FORD C-Car) Ali Saleh (FORD C-Car) Ertan Özkan (Renault) Jan-Hendrik Zoll (Renault) Ralf Jäger (Edison) Michael Rudolph (Edison) Steffen Sanzenbacher (Qoros) Felix Hillebrecht (Qoros)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	STA Sonstige / Other	<input type="checkbox"/> <input checked="" type="checkbox"/>

Änderungsauftrag freigegeben Change order released Program Manager/ Product team leader	Ja / Yes <input checked="" type="checkbox"/>	Nein / No <input type="checkbox"/>	Name/ Date J. Nikolaizig 13 January 2014
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250.0.3321.00 "b"

Sheet 3 (2x):

J12: dimension 18min becomes 25min, dimension 129.78±0.2 becomes 129.8±0.2

Sheet 4 (1x):

C10: dimension 37.799 becomes 37.3

250.0.3313.20 "b"

Sheet 3 (2x):

J12: dimension 18min becomes 25min, dimension 129.78±0.2 becomes 129.8±0.2

• Stücklistenänderungen / BOM changes:

Sach Nr.: Part No.:	Benennung: Description:

• Verfügung / Disposition:

Einsatztermin / Date of application:

Checklist	Ja / Yes	Nein / No	Bemerkungen / Remarks
Systementwurf: Änderungen eingepflegt / System design: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Pflichtenheft: Änderungen eingepflegt / Functional specification: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Softwareokumentation: Änderungen eingepflegt / Software documentation: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Einkauf: Aktivitäten starten - Beschaffung einleiten / Purchasing: start activities - Initiate purchasing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no raw part change, only machining change
Montage: Änderung einführen Assembly: Implement change	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fertigung: Änderung umsetzen Production: Implement change	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Werkzeug betroffen: Tools affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Einsatzmeldung: Application report:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
FMEA betroffen: FMEA affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IMDS betroffen: IMDS affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Erprobung notwendig Testing required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kostenplan erforderlich: Cost plan required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Zeitplan erforderlich: Time plan required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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Kommunikation mit Kunde per DCD, RCT... Communication with customer via DCD, RCT ...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Ersatzteilbedarf betroffen Spare part requirements affected	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Weitere betroffene Dokumente: Other documents affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Verwendung von vorhandenem(n) Disposition of stock	Material Material	Teilen Parts	Baugruppen Assemblies	Bemerkung / Teilenummer Remark / Part number
Aufbrauchen Use up	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Nacharbeiten Rework	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Verschrotten nach Verwendungsnachweis Scrap after usage list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Endverteiler für Änderungsauftrag / Distribution list for change order

Aussteller / Issuer Filippo Russo	<input checked="" type="checkbox"/>	Musterfertigung / Prototype production Guenter Bruckelt Ralf Notter Thomas Scherr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Mechanik / Design PT Mechanics Klaus Kranich Gary Hafemeister Michael Bassler	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Einkauf Koordination / Purchase Coordination Andreas Pfister; Andrea Gelz; Corina Simu; Raphaela Gabel; Jochen Trostel	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Kupplung / Design PT Clutch Torsten Kramm	<input type="checkbox"/> <input type="checkbox"/>	Lieferantenteam / Supplier team aenderungen.einkauf@getrag.com China: hq_ipo@getrag.com.cn	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Elektrik / Design PT Electrics Heiko Soehner	<input type="checkbox"/> <input type="checkbox"/>	System Ingenieur / System Engineer Jochen Bausch (Renault) Rahul Plavullathil (Ford, New Applications) Klaus Eckweiler (EDISON) Dr. Ralph Richter (QOROS) Tim Hollnaeck (DCT 300)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Softwareentwicklung / Software Development Tobias Kalisch (CQAC) Clemens Decker (Renault) Bruce Palansky (Ford) Andreas Leute (EDISON)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Projektsteuerer / PMC Christian Smith (Ford B-Car) Christopher Stammen (Ford C-Car) Sigmar Geiger (Renault) Michael Rudolph (Edison) Steffen Sanzenbacher (CQAC)	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Verzahnungsentwicklung / Gear development Franz – Josef Raeffle Fabrizio Cricenti	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	FMEA-Team / FMEA-Team Roland Bechtold Gregory Szweczyk (Ford) Sebastian Strohmmer (Renault, Edison, CQAC) Thomas Walter (XDCT300)	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Printed copies are unchecked!		DRAFT	Seite / Page: 3 / 5
Formular Nr: Form No.	Eigner/ Owner: Abteilung/Dept.:	Erstellung / Issued: 2012-11-23 Änderung/Change: b	Änderungs-Nr. / Change No.:

Versuch PT / Testing PT + Versuchswerkstatt / Test shop Steffen Seidel (Renault, Edison, CQAC) Gary Hafemeister (Ford) Andreas Rohn Andreas Schick (new DVP)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kundenteam / Customer Team Peter Kyber (Renault) Christopher Shaffer (Ford) Audrey Giem (Ford) Xiong Wen (CQAC) Stephanie Mayer (Edison)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Logistik U-Bach / Logistic U-Bach Yasar Dikmenli Udo Braeuninger	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Financial Controlling Helmut Pfister Sheryl Smith	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
GETRAG Logistik Dienstleistungs Zentrum (Neuenstadt) / GETRAG Centralized Logistic Department	<input type="checkbox"/>	IMDS-Team Claudio Loiacono Gregory Szewczyk	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
L/WLP	<input type="checkbox"/>	Qualitätsvorausplanung / Quality forward planning Daniel Vogt (Edison; Quoros) Mohsen Danaei (Renault) Gregory Szewczyk (Ford)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
N/WLP	<input type="checkbox"/>	GETRAG Transmission Manufacturing de México S. A. de C. V. Augustin Origel; Jose Arellano Miguel Mosqueda; Ruben Marquez; Delia Aguilar; Jaqueline Bedolla Omar Martinez; Juan Velazquez	<input type="checkbox"/> <input type="checkbox"/>
R/WLP	<input type="checkbox"/>	GETRAG S.p.A. (Modugno) Leonardo Santoro; Ettore Camarda; Mariagrazia Di Pasquale; Nicola Achille; Gennaro Pierro; Filippo Russo	<input checked="" type="checkbox"/> <input type="checkbox"/>
W/WLP Rainer Wirth; Helmut Schuh	<input type="checkbox"/> <input type="checkbox"/>	GETRAG s.r.o. (Kechnec)	<input type="checkbox"/> <input type="checkbox"/>
B/BPBQ	<input type="checkbox"/>	GETRAG (JIANGXI) TRANSMISSION CO.,LTD (Nanchang) Harold Qi; Liu Bo, Gu Bin	<input type="checkbox"/> <input type="checkbox"/>
Change Control Coordinator Rocco Pace; Kathrin Diers; Jasmin Wildermuth	<input checked="" type="checkbox"/> <input type="checkbox"/>	Funktionssicherheit / Nur für Sensorik Functional safety / Only for sensor Martin Seufert	<input type="checkbox"/> <input type="checkbox"/>
Service GTC (FORD) Ryan Kadlec; Paul Andrepont; C. Yantus	<input type="checkbox"/> <input type="checkbox"/>	Service Bari (Renault) Josef Salenbauch	<input checked="" type="checkbox"/> <input type="checkbox"/>
Program Management Christian Smith (FORD B-Car) Christian Stammen (FORD C-Car) Ali Saleh (Prog. Eng. FORD C-Car) Ertan Özkan (Renault) Ralf Jäger (Edison) Steffen Sanzenbacher (CQAC) Markus Keuerleber (XDCT300)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Sonstige / Other	<input type="checkbox"/>

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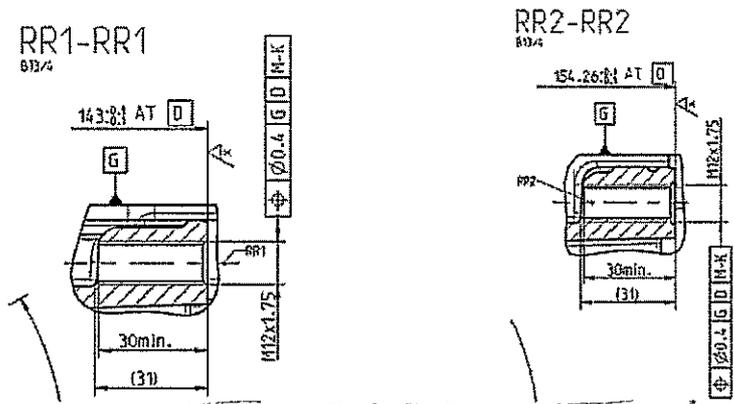
Änderungsauftrag freigegeben Change order released Program Manager/ Product team leader	Ja / Yes <input checked="" type="checkbox"/> Nein / No <input type="checkbox"/>	Name/ Date L. Herdle 7 Jan 2013
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		Änderungsauftrag <input checked="" type="checkbox"/>		Änderungs-Nr.: Change No.: 35591	
Zugehörige BA-Nr.: Correlated BA No.: 3/990/250		Getriebetyp / -Variante Transmission type / version 6DCT250 Renault			
Aussteller / Issuer: Datum, Name Date, Name 21.05.2012 A. Kärcher		Erlediger EZM2 / Executer EZM2 Datum, Name Date, Name 18.10.2012 H. Kobald			
Benennung: Description: Machining suspended of RR1 and RR2					
Änderungsgrund: Reason of change: machining costs saving entsprechend Änderungskatalog GR002 Teil2 / according to change catalogue GR 002 part2					
Bezüge: Reference: SRGA 68462, 250/5253, 250/5254					
Stücklistenänderung Change of bill of material		Ja / Yes <input type="checkbox"/> Nein / No <input type="checkbox"/>		Mussänderung: Mandatory change: Ja / Yes <input type="checkbox"/> Nein / No <input type="checkbox"/>	
Änderungsveranlasser: Initiator of change:		Extern / external: <input type="checkbox"/> Intern / internal: <input type="checkbox"/>			

• Beschreibung der Hintergründe – Referenzen – Bezüge / Description of backgrounds - References, Relation

Currently the holes RR1 and RR2 are not used in current vehicles application. In agreement with Renault the machining of these holes could be suspended.
In case of future usage, REN could re-activate the machining without cost impact.



The on 250.0.3313.12 based drawings are also affected → 250.0.3313.13 and 250.0.3313.20

Zeichnungsänderungen / Drawing changes

Sach Nr.: Part No.:	Benennung: Description:	Änderungsind ex: Index of change:	Datum: Date:	Teileart: Parttype:
250.0.3313.12	Clutch Housing	d	2012-09-27	HALB

SPECIFICATION MATURITY LEVEL F APPROVED

Sheet 4 (6xa):
Machining of M12x1.75 holes RR1 and RR2 with all dimensions deleted
Dim. 78,349 added

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Sach Nr.: Part No.:	Benennung: Description:	Änderungsind ex: Index of change:	Datum: Date:	Teileart: Parttype:
250.0.3313.13	Clutch Housing	a	2012-09-12	HALB

Sheet 2 (1xa):
Lost Dimensions for CONTROL MACHINING ADDED

Sheet 4 (12xa):
Machining of M12x1.75 holes RR1 and RR2 with all dimensions deleted
TMA3 got TMA2, Sec. and Ref. TMA2 got TMA3, Dim. 78,349 added

Sach Nr.: Part No.:	Benennung: Description:	Änderungsind ex: Index of change:	Datum: Date:	Teileart: Parttype:
250.0.3313.20	Clutch Housing	a	2012-09-27	HALB

Sheet 2 (2xa):
Dimensions for CONTROL MACHINING ADDED (as used in 250.0.3313.12)
MACHINING START AND END BETWEEN H10 and H12 got H8 AND H10

Sheet 4 (13xa):
Machining of M12x1.75 holes RR1 and RR2 with all dimensions deleted
I/16: 161.141 got 161,14, L/16: 117.004 got 117
TMA3 got TMA2, Sec. and Ref. TMA2 got TMA3

• Stücklistenänderungen / BOM changes:

Sach Nr.: Part No.:	Benennung: Description:

• Verfügung / Disposition:

after implementation of the change, the deviation SRGA 68462 can be closed!
In case of future usage, REN could re-activate the machining without cost impact.

Einsatztermin / Date of application:

Checklist	Ja / Yes	Nein / No	Bemerkungen / Remarks
Systementwurf: Änderungen eingepflegt / System design: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Pflichtenheft: Änderungen eingepflegt / Specification: Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Softwaredokumentation: Änderungen eingepflegt / Software documentation: . Changes integrated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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Einkauf: Aktivitäten starten - Beschaffung einleiten / Purchasing: start activities - Initiate purchasing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	send Drawings to the casting supplier
Montage; Änderung einführen Assembly: Introduce change	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fertigung; Änderung umsetzen Production: Implement change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Werkzeug betroffen: Tools affected:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Einsatzmeldung: Application report:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
FMEA betroffen; FMEA affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IMDS betroffen; IMDS affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Erprobung notwendig Testing required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kostenplan erforderlich: Cost schedule required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Zeitplan erforderlich: Time schedule required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kommunikation mit Kunde per DCD, RCT... Communication with customer via DCD, RCT ...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Ersatzteilbedarf betroffen Parts requirements affected	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Weitere betroffene Dokumente: Other documents affected:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Verwendung von vorhandenem(n) Disposition of stock	Material Material	Teilen Parts	Baugruppen Assemblies	Bemerkung / Teilenummer Remark / Part number
Aufbrauchen Use up	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Nacharbeiten Rework	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Verschrotten nach Verwendungsnachweis Scrap after usage list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Endverteiler für Änderungsauftrag / Dispatcher for change order			
Aussteller / Issuer	<input checked="" type="checkbox"/>	Musterfertigung / Prototype production Guenter Bruckelt Ralf Notter Thomas Scherr	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Mechanik / Design PT Mechanics Klaus Kranich Gary Hafemeister Michael Bassler	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Einkauf Koordination / Purchase Coordination Andreas Pfister; Andrea Gelz; Julia Kutterolf; Raphaela Gabel	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Konstruktion PT Kupplung / Design PT Clutch Torsten Kramm	<input type="checkbox"/> <input type="checkbox"/>	Lieferantenteam / Supplier team Änderungen. Einkauf@getrag.com China: hq_ipo@getrag.com.cn	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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Konstruktion PT Elektrik / Design PT Electric Heiko Soehner	<input type="checkbox"/> <input type="checkbox"/>	System Ingenieur / System Engineer Jochen Bausch (Renault) Oliver Legel (Ford) Klaus Eckweiler (EDISON) Dr. Ralph Richter (QOROS) Tim Hollnaeck (DCT 300) Rahul Plavullathil (New Application)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Softwareentwicklung / Software Development Tobias Kalisch (Renault) Bruce Palansky (Ford)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Projektsteuerer / PMO Christian Smith (Ford) Christopher Stammen (Ford) Michael Rudolph (Edison) Steffen Sanzenbacher (CQAC)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Verzahnungsentwicklung / Gear development Franz – Josef Raeffle Fabrizio Cricenti Holger Paassen	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	FMEA-Team / FMEA-Team Roland Bechtold Gregory Szewczyk (Ford) Sebastian Strohmer (Renault, Edison, CQAC) Thomas Walter (XDCT300)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Versuch PT / Testing PT + Versuchswerkstatt / Test shop Steffen Seidel (Renault, Edison, CQAC) Gary Hafemeister (Ford) Andreas Rohn Andreas Schick (new DVP)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kundenteam / Customer Team Martin Klass (Renault) Christopher Shaffer (Ford) Scott Shaw (Ford) Xiong Wen (CQAC) Stephanie Mayer (Edison)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Logistik U-Bach / Logistic U-Bach Yasar Dikmenli Udo Braeuninger	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Financial Controlling Florian Schneider Helmut Pfister Sheryl Smith	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
GETRAG Logistik Dienstleistungs Zentrum (Neuenstadt) / GETRAG Centralized Logistic Department	<input type="checkbox"/>	IMDS-Team Claudio Loiacono Gregory Szewczyk	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
L/WLP	<input type="checkbox"/>	Qualitätsvorausplanung / Daniel Vogt (Edison; Quoros) Mohsen Danaei (Renault) Gregory Szewczyk (Ford)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
N/WLP	<input type="checkbox"/>	GETRAG Transmission Manufacturing de México S. A. de C. V. Augstin Origel; Jose Arellano Miguel Mosqueda; Ruben Marquez; Delia Aguilar; Jaqueline Bedolla Omar Martinez; Juan Velazquez	<input type="checkbox"/> <input type="checkbox"/>
R/WLP	<input type="checkbox"/>	GETRAG S.p.A. (Modugno) Leonardo Santoro; Ettore Camarda; Mariagrazia Di Pasquale; Nicola Achille; Gennaro Pierro Filippo Russo	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

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WWLP Rainer Wirth; Helmut Schuh	<input type="checkbox"/> <input type="checkbox"/>	GETRAG s.r.o. (Kechnec)	<input type="checkbox"/> <input type="checkbox"/>
B/BPBQ	<input type="checkbox"/>	GETRAG (JIANGXI) TRANSMISSION CO.,LTD (Nanchang) Harold Qi; Liu Bo, Zhou Zhanggou	<input type="checkbox"/> <input type="checkbox"/>
Change Control Coordinator Rocco Pace; Kathrin Diers; Jasmin Wildermuth	<input checked="" type="checkbox"/> <input type="checkbox"/>	Funktionssicherheit / Nur für Sensorik Functional safety / Only for sensor Martin Seufert	<input type="checkbox"/> <input type="checkbox"/>
Service GTC (FORD) Ryan Kadlec; Paul Andrepont; C. Yantus	<input type="checkbox"/> <input type="checkbox"/>	Service Bari (Renault) Josef Salenbauch	<input type="checkbox"/> <input type="checkbox"/>
Program Management Scott Kropfreiter (FORD C-Car) Brian Woods (FORD B-Car) Luc Dempel (Renault) Ertan Özkan (Renault) Ralf Jäger (Edison) Steffen Sanzenbacher (CQAC) Markus Keuerleber (XDCT300)	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Sonstige / Other	<input type="checkbox"/>

Änderungsauftrag freigegeben Change order released	Ja / Yes <input checked="" type="checkbox"/>	Nein / No <input type="checkbox"/>	Name/ Date Klaus Kranich / 15-Oct-2012
Program Manager/ Product team leader			

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