

SS 1034788 EconicSD RP170a Pin 29 Retro-Fit Instructions

ISSUE:

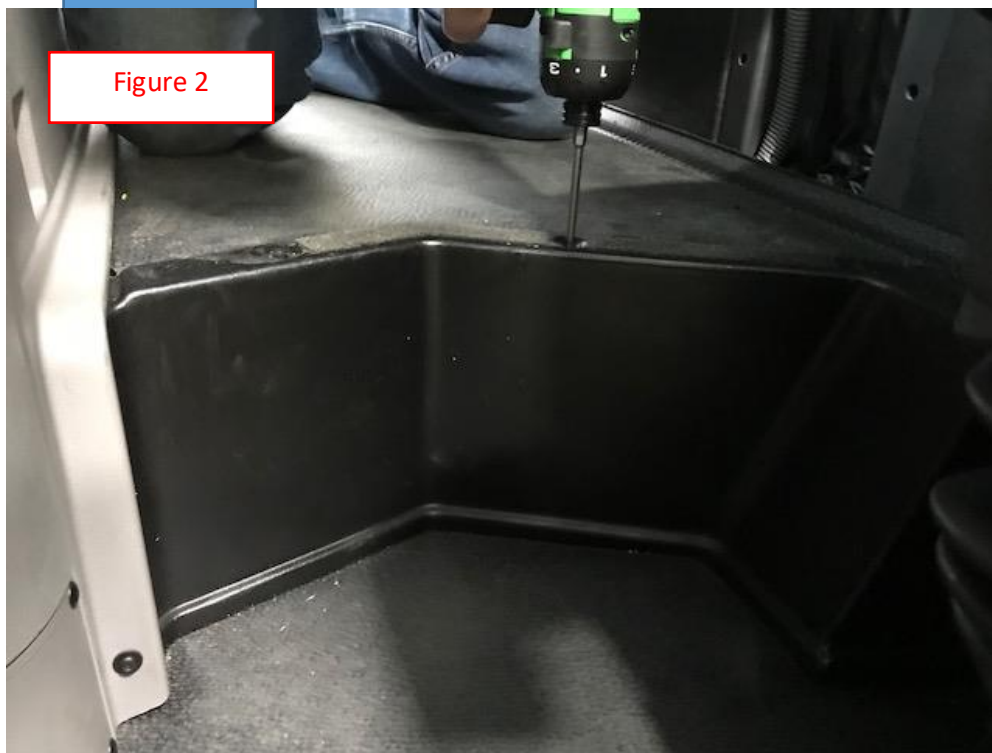
The Body Builder requested a 12 volt signal at the X397 connector when the transmission is in neutral. The Work Instructions are attached and Part Numbers listed below.

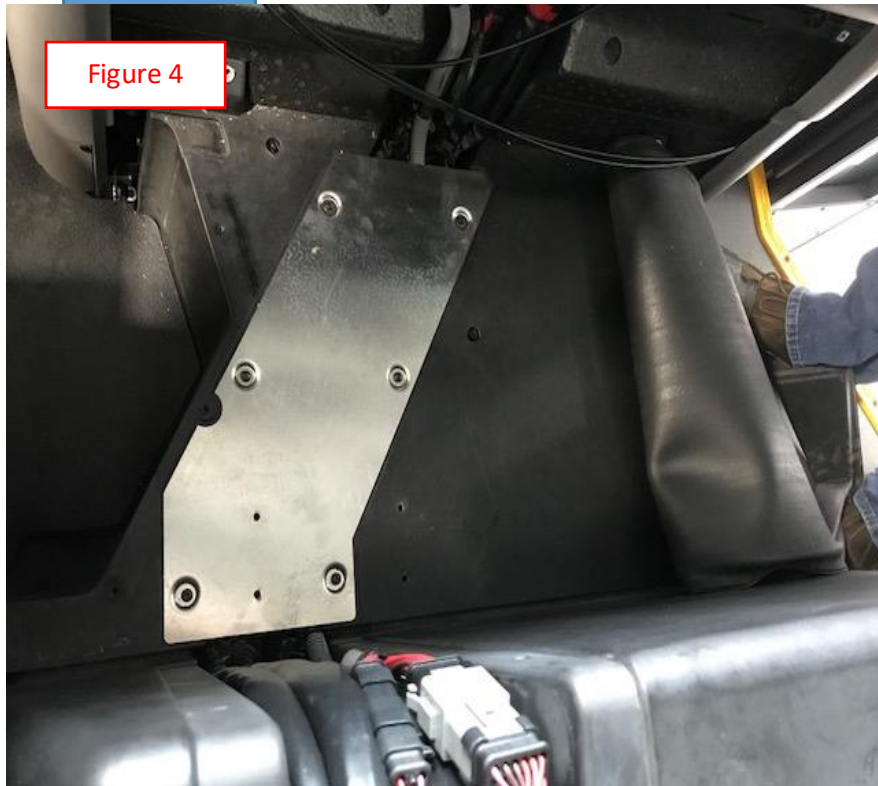
Harness Part# A 956 540 28 05

Relay Part# A 000 982 21 23

ECONIC SD PIN 29 RETRO-FIT

- Step 1. Set Park Brake, chock wheels, and turn off battery disconnect.
- Step 2. Remove cup holder with four thumb screws.
- Step 3. Remove cargo tray under cup holder with four T-30 torx screws.
- Step 4. Remove slotted aluminum tray with four 13mm bolts and three T-30 torx screws.
- Step 5. Remove wiring harness cover with six plastic push locks. (Figure 1)
- Step 6. Remove floor kick panel beside driver seat with four T-20 torx screws. (Figure 2)
- Step 7. Remove lower fascia with four T-20 and two T-30 screws. (Figure 3)
- Step 8. Roll rubber floor mat toward passenger door.
- Step 9. Remove wiring harness cover with six T-20 screws. (Figure 4)
- Step 10. Install K4A33 connector with relay into position four of relay center. (Figure 5)
- Step 11. Install circuit BEL 07 a on X1.K2A33 Pin 4 and connect it to circuit ABH 055 a using terminal
A 003 545 43 26. Both circuits back in X1.K2A33 Pin 4. (Figure 5)
- Step 12. Install circuit ABH 3 b in fuse panel X1.FA1 Pin 16 and connect it to circuit ABH 55 a using terminal
A 003 545 43 26. Install both circuits into X1.FA1 Pin 16.
- Step 13. Install circuit 55 a in fuse panel X1.FA1. Pin 23. Install circuit 55 b in fuse panel
X1.FA1 Pin 24. Install 10 amp fuse in location F10. (Figure 6)
- Step 14. Install circuit ABH 54 a/ABH 54 b in X432 Pin 14 female side. (Figure 7)
- Step 15. Install circuit ABH 55 c in connector X4.A22 Pin 16 located in PSM. (Figure 8)
- Step 16. Install jumper circuit from X432 18 Pin connector in pin 14 male side. Install other
end in X397 connector pin 29 body builder interface connector. (Figure 9)
- Step 17. Route harness from relay center with existing harness in floor pan to 18 Pin connector
X432.1 behind dash just below radio. Install in Pin 14 of X432.1 connector. (Figure 10)
- Step 18. Steps 9-1 in reverse order to complete.





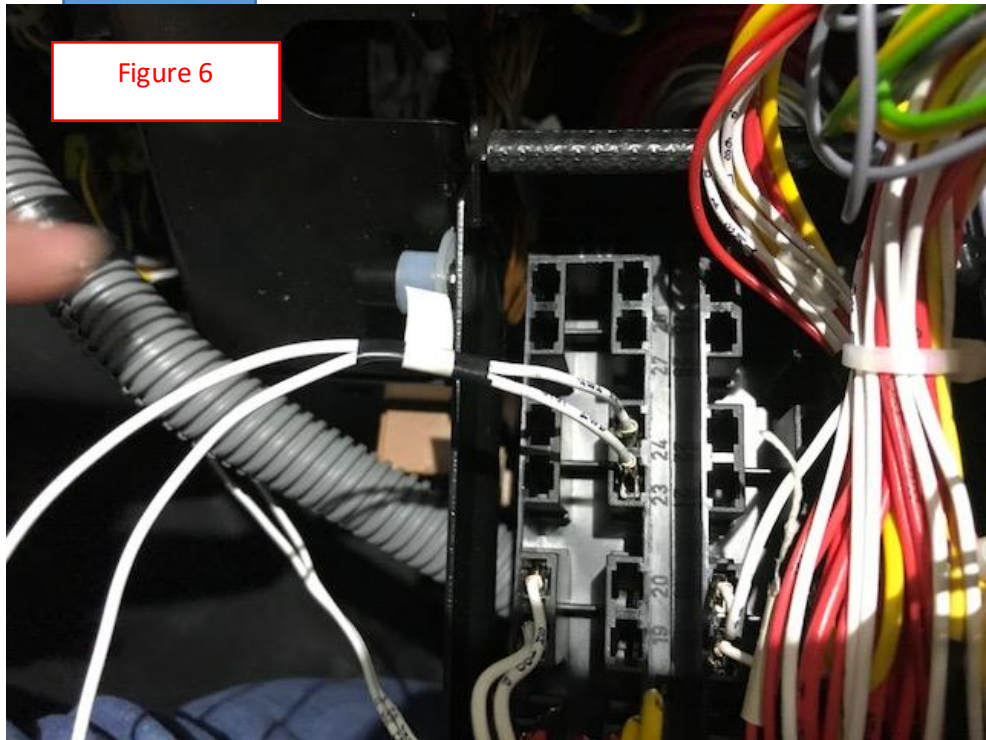
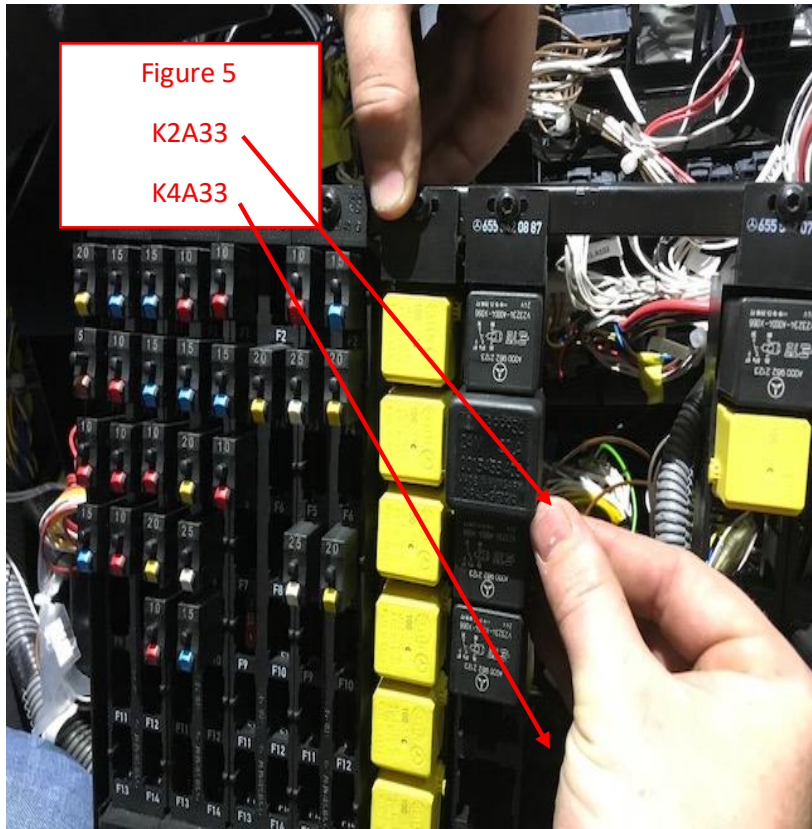


Figure 7

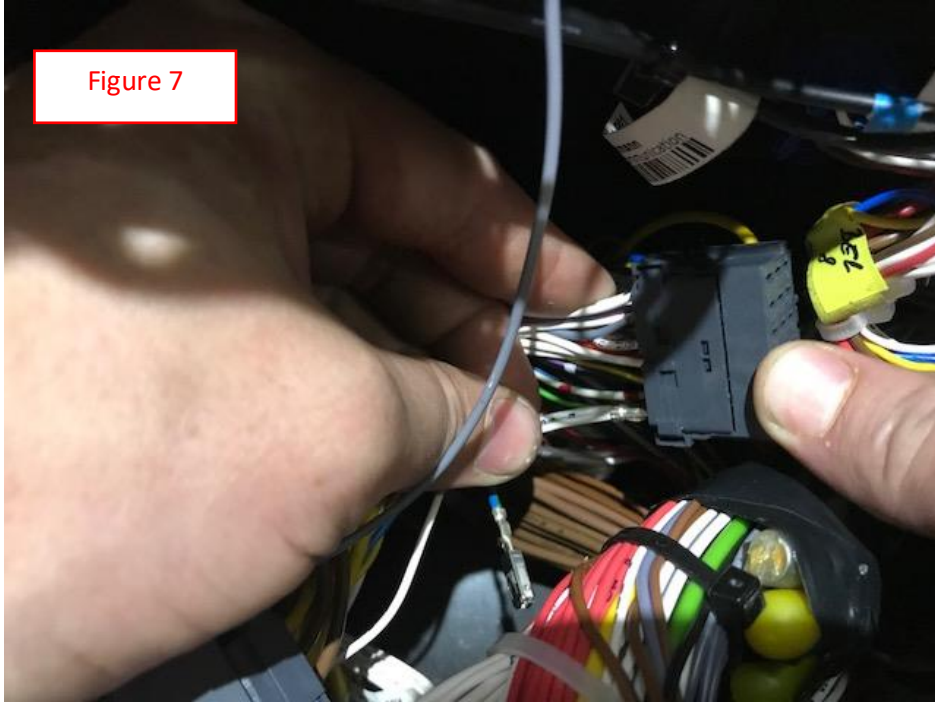


Figure 8

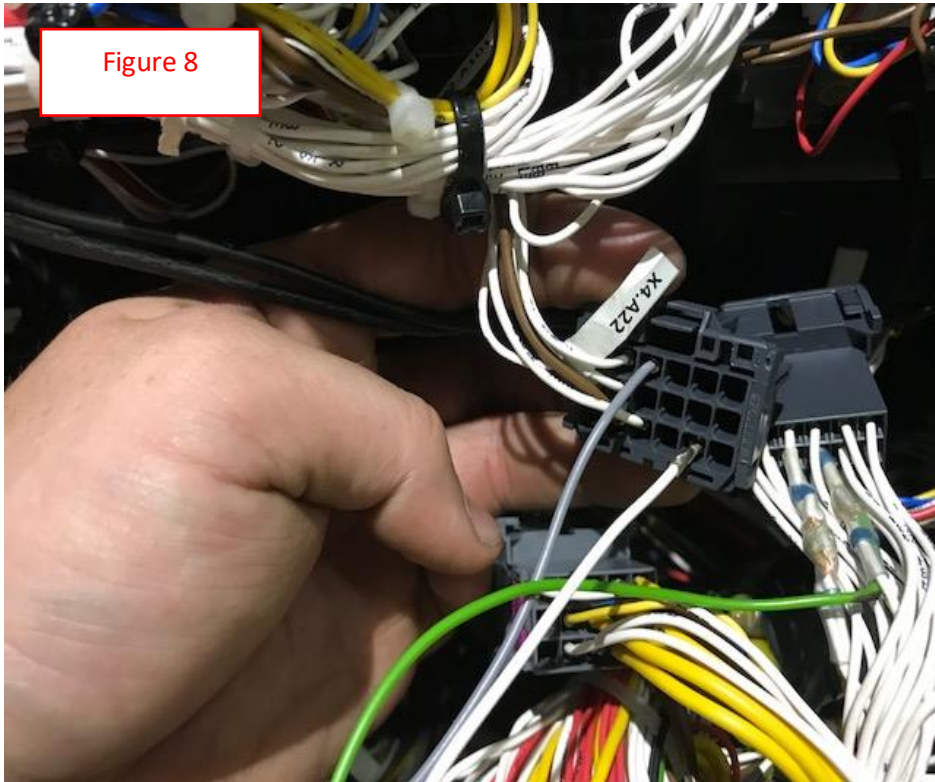


Figure 9

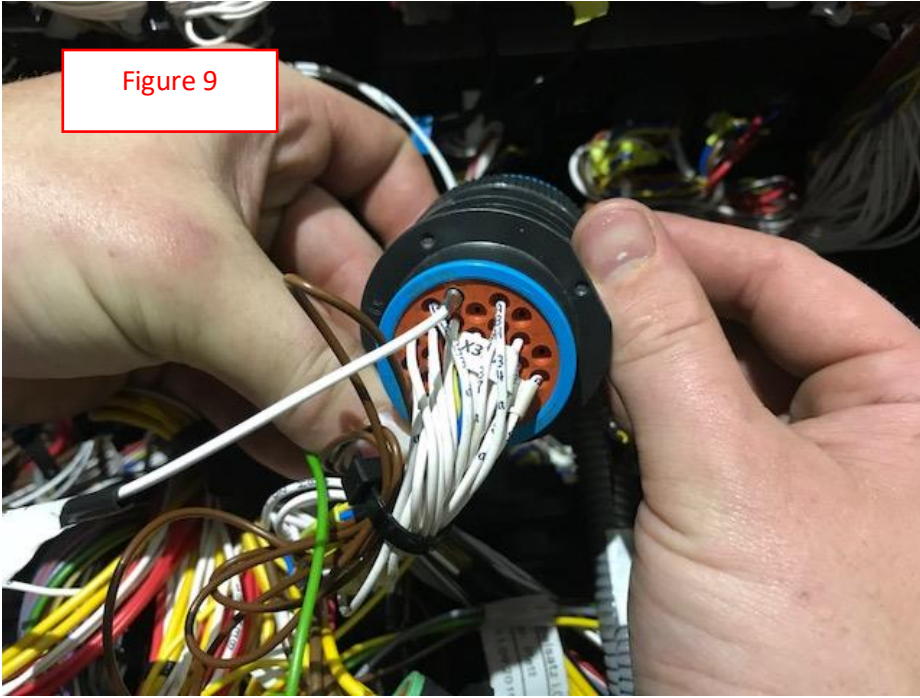
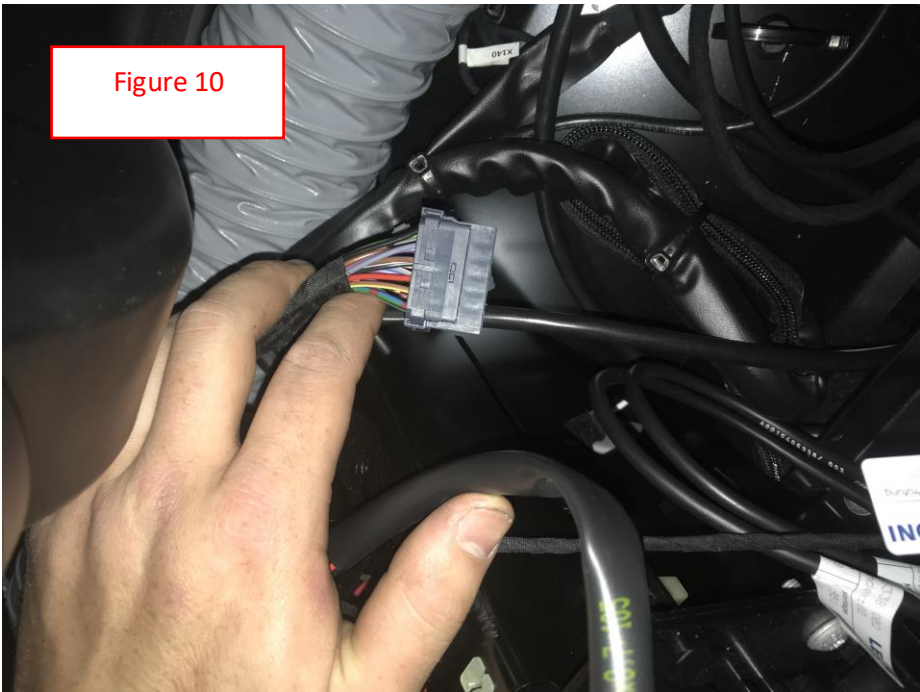


Figure 10



Cav	Wir	SL-ID	Col	CSA	Mod	TermPartNr	SealPartNr
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	ABH 55 c			0,75		A0135457526	
16							
17							
18							

Installation instruction:
Line ABH 55 c in X4. A22 Pin 15 Plugging.

Kontakt A 013 545 75 26 anbringen

Cav	Wir	SL-ID	Col	CSA	Mod	TermPartNr	SealPartNr
1	ABH 45 c			YE	2,5	ABH	A0145451326
2	ABH 01 d			BN	2,5	ABH	A0145451326
3	ABH 01 e			BN	2,5	ABH	A0145451326
4	ABH 01 f			BN	2,5	ABH	A0145451326
5	ABH 46 c			YE	2,5	ABH	A0145451326
6	ABH 1 d			YE	1,5	ABH	A0145451326
7	ABH 2 d			YE	2,5	ABH	A0145451326
8	ABH 3 d			YE	2,5	ABH	A0145451326
9	ABH 20 b			WH	0,75	ABH	A0145451126
10	ABH 1CH a	ABH 1CAN		BU	0,5	ABH	A0145451126
11	ABH 1CL a	ABH 1CAN		YE	0,5	ABH	A0145451126
12	ABH 21 d			YE	0,75	ABH	A0145451126
13	ABH 033 c			BN	0,75	ABH	A0145451126
14							
15							

Installation instruction:
Cable ABH 54 b in X432.1 Pin 14 Plugging.

Kontakt A 014 545 11 26 anbringen

Cav	Wir	SL-ID	Col	CSA	Mod	TermPartNr	SealPartNr
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16	ABH 3 b			YE	2,5	ABH	A0035454326
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

Installation instruction:
Take line ABH 3 b on X1. FA1 Pin 16 and connect it to the line ABH 55 a using contact A 003 545 43 26.
Both lines back in the X1. FA1 Pin 16.

Ltg. mit offenem Leitungsende.
Kontakt A0035454326 mit anliefern aber nicht anbringen!

Offenes Leitungsende:
ABH 055 a

Kontakte A 0035454326 an beiden Leitungen anbringen!

Installation instruction:
Line ABH 55 a in X1. FA1 Pin 23 Plugging.
Line ABH 55 b in X1. FA1 Pin 24 Plugging.

Installation instruction:
Cable ABH 54 a/ABH 54 b in X432 Pin 14 Plugging.

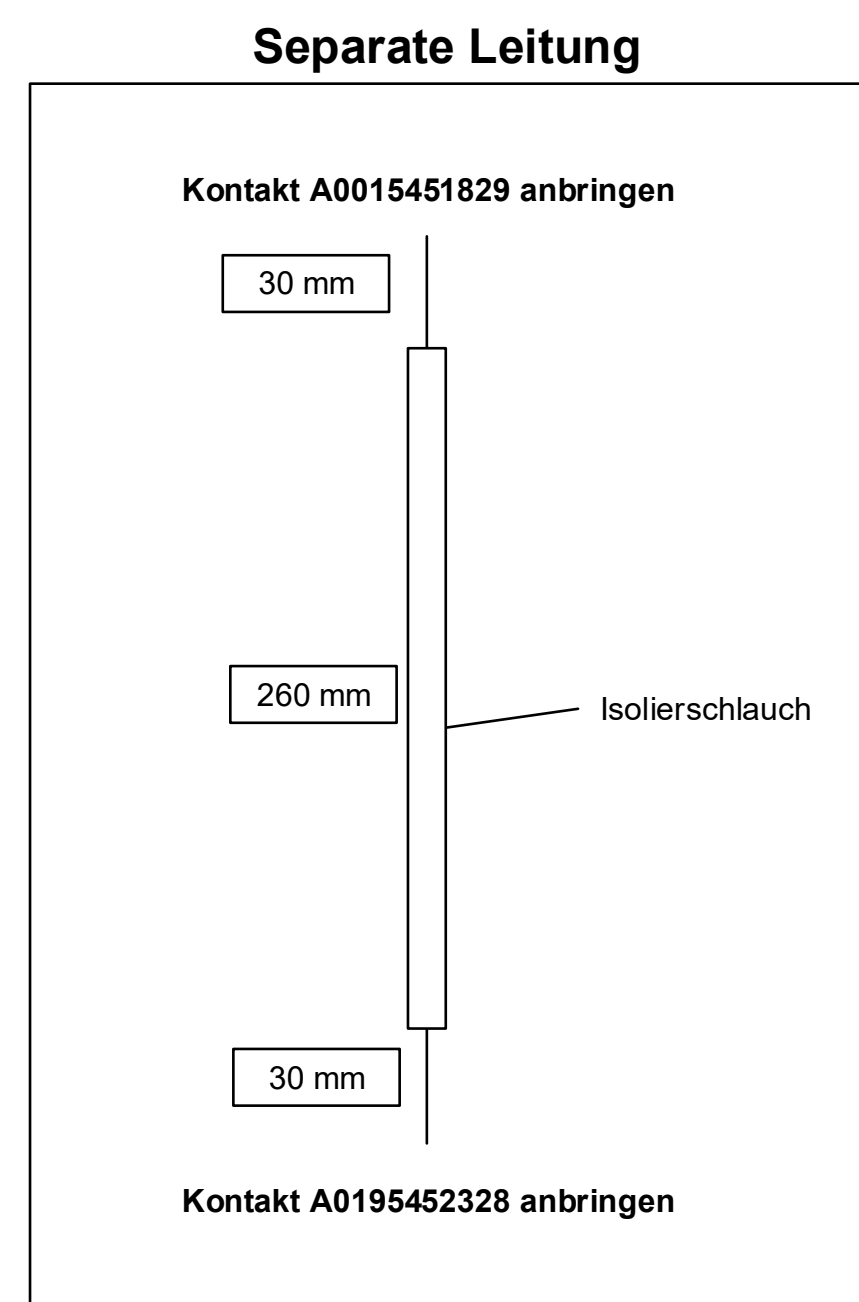
Cav	Wir	SL-ID	Col	CSA	Mod	TermPartNr	SealPartNr
1	ABH 45 d			YE	2,5	ABH	A0145451326
2	ABH 01			BN	2,5	ABH	A0145451326
3	ABH 01 b			BN	2,5	ABH	A0145451326
4	ABH 01 c			BN	2,5	ABH	A0145451326
5	ABH 46 b			YE	2,5	ABH	A0145451326
6	ABH 1 c			YE	1,5	ABH	A0145451326
7	ABH 2 c			YE	2,5	ABH	A0145451326
8	ABH 3 c			YE	2,5	ABH	A0145451326
9	ABH 20 a			WH	0,75	ABH	A0145451126
10	ABH 20H a	ABH 2CAN		BU	0,5	ABH	A0145451126
11	ABH 20CL a	ABH 2CAN		YE	0,5	ABH	A0145451126
12	ABH 21 a			YE	0,75	ABH	A0145451126
13	ABH 033 b			BN	0,75	ABH	A0145451126
14							
15							

Kontakt A 014 545 13 26 anbringen

Cav	Wir	SL-ID	Col	CSA	Mod	TermPartNr	SealPartNr
1	NA 15 d			YE	6	NA	A0005454026
2	BEL 22 a			WH	0,5	BEL	A0075459926
3							
4	BEL 07 a			BN	0,5	BEL	A0075459926
5	NA 15 c			YE	6	NA	A0005454026

Installation instruction:
Take line BEL 07 a on X1. K2A33 Pin 4 and connect it to the line ABH 055 a using contact A 003 545 43 26. Both lines back in the X1. K2A33 Pin 4.

Cav	Wir	SL-ID	Col	CSA	Mod	TermPartNr	SealPartNr
1	ABH 54 a			WH	0,75		A0075459926
2	ABH 55 c			WH	0,75		A0075459926
3							
4	ABH 055 a			BN	0,75		A0075459926
5	ABH 55 b			WH	0,75		A0075459926



Aenderungsindex / Aenderungsbeschreibung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm./stand. Datum/date
Werkstoff(Endzustand)/material(fi.co.)		Oberfl.sch./surf.prot. DBL		Datum/date		Name/name
Farbe/color		Bearb./auth.		Pruef./check		
Dekor/decoration		Norm./stand.		Freig./rel.		
Oberfl.ang./surf.texture		Oberflaeche/surface (m)²				
Stammdaten/ masterdata		D-Pflicht/required MBN 10317		VeDoc-Relevanz/relevance MBN 10385		ESD-Kennzeichen/code
Manuell		Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident-Nr./no.	federf.Abt./resp.dep.	
Allg.Toleranzen/gen.tolerances		gesetzl.Merkmal/st.fr.		ZGS	Auftr.-Nr./order no.	
Referenz-Nr./reference no.		Masse/mass (kg)	Benennung/title			
Masstab/scale 1 mm : 1 mm		System/system				
Tolerierung/tolerancing DIN 7167						
Mercedes-Benz		Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!		Format/sz.	Blatt/sh.	Sach-Nr./basic number
				A2+1	P 29	A 956 540 28 05