



EFB
TECHNOLOGIE

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- NEUESTE TECHNOLOGIE MIT 30% MEHR LEISTUNG
- DIE BATTERIE FÜR ALLE KRAFTFAHRZEUGE





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EFB-TECHNOLOGIE MIT MEHR STARTKRAFT FÜR ALLE KRAFTFAHRZEUGE

- 30% mehr Leistung und Lebensdauer gegenüber herkömmlichen Batterien
- 100% wartungsfrei
- Hohe Zyklenfestigkeit
- Doppelte Ladezyklenzahl
- Universell einsetzbar
- 36 Monate Garantie
- Erstausrüstertechnologie

EFB STEHT FÜR ENHANCED FLOODED BATTERY

- Dickere positive und negative Platten in spezieller Full-Frame-Technologie
- Auch für Standard-Start-Stop-Fahrzeuge, die keine zusätzlichen energiesparenden Funktionen unterstützen
- Im Gegensatz zu herkömmlichen Nassbatterien sind EFB-Batterien mit HIGH PERFORMANCE Separatoren ausgestattet
- Die Separatoren halten das aktive Material an der Platte fest
- Das reduziert den Verlust von aktivem Material und führt zu einer höheren Zyklenfestigkeit im Vergleich zu herkömmlichen Batterien



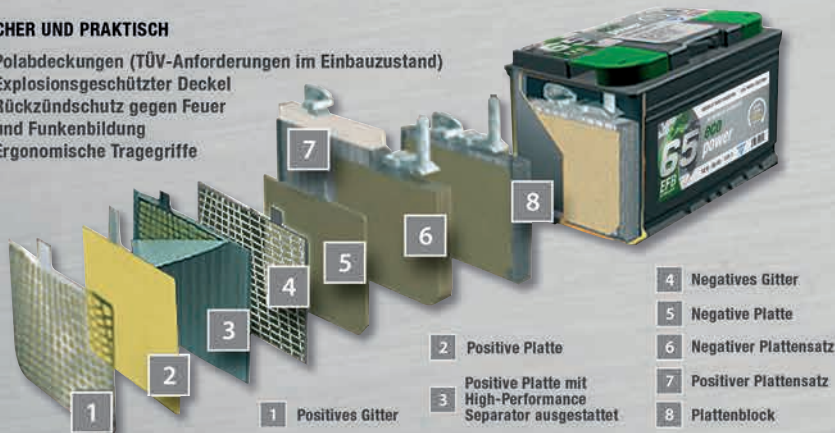
Speziell für Standard-Start-Stop-Fahrzeuge ohne Energierückgewinnung sorgt die EFB-Batterie für eine konstante Weiterversorgung aller Stromverbraucher und gewährleistet den Wiederstart des Motors in nur kürzester Zeit.

DIE IDEALE BATTERIE FÜR:

- Motoren mit Startschwierigkeiten
- Fahrzeuge im Kurzstreckenverkehr
- Dieselfahrzeuge und Laternenparker
- Fahrzeuge mit vielen elektrischen Verbrauchern

SICHER UND PRAKTISCH

- Polabdeckungen (TÜV-Anforderungen im Einbauzustand)
- Explosionsgeschützter Deckel
- Rückzündschutz gegen Feuer und Funkenbildung
- Ergonomische Tragegriffe



Bezeichnung	Kälte-Prüfstrom (A) EN	Kapazität (Ah)	Länge (mm)	Breite (mm)	Höhe (mm)
Cartec 45	450	45	211	175	190
Cartec 55	540	55	242	175	190
Cartec 65	630	65	242	175	190
Cartec 75	720	75	278	175	190
Cartec 85	810	85	317	175	190
Cartec 95	900	95	353	175	190



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- LA TOUTE DERNIÈRE TECHNOLOGIE AVEC 30% DE PUISSANCE SUPPLÉMENTAIRE
- LA BATTERIE POUR TOUS LES VÉHICULES À MOTEUR





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LA TECHNOLOGIE EFB AVEC PLUS DE PUISSANCE DE DÉMARRAGE POUR TOUS LES VÉHICULES À MOTEUR

- 30% de puissance et de longévité accrue en comparaison aux batteries conventionnelles
- à 100% sans aucune maintenance
- Résistance élevée aux cyclage
- Nombre deux fois supérieur de cycles de charge
- Application universelle
- 36 mois de garantie
- Technologie d'équipement de première monte

EFB OPTÉ POUR ENHANCED FLOODED BATTERY

- Des plaques positives et négatives plus épaisses dans la technologie spéciale Full-Frame
- Egalement pour les véhicules de série équipés du système Start/Stop, qui ne prennent pas en charge des fonctions d'économie d'énergie supplémentaires
- Contrairement aux batteries conventionnelles humides, les batteries EFB sont équipées de séparateurs à haute performance
- Les séparateurs retiennent la matière active dans la plaque
- Ils permettent de réduire la perte de matière active et de produire une résistance de cyclage accrue en comparaison aux batteries conventionnelles



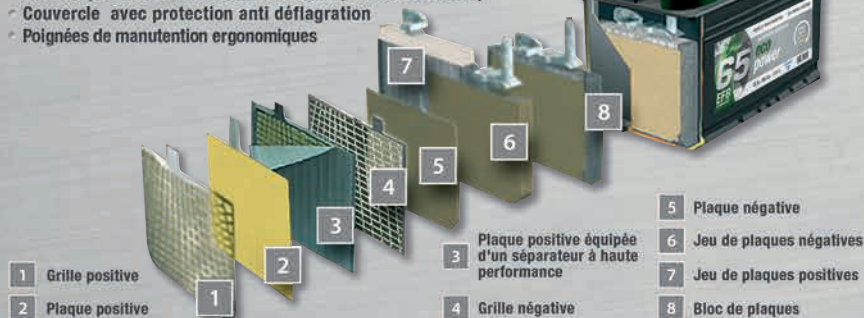
Notamment pour les véhicules de série équipés du système Start/Stop sans récupération d'énergie, la batterie EFB fournit un réapprovisionnement constant de tous les récepteurs électriques et assure le redémarrage du moteur en un court laps de temps.

LA BATTERIE IDÉALE POUR LES :

- Moteurs ayant des difficultés à démarrer
- Véhicules en déplacement sur de courts trajets
- Véhicules à moteur Diesel et lanterne Parker
- Véhicules avec de nombreux récepteurs électriques

SÉCURISÉ ET PRATIQUE

- Protection contre les retours de flamme et la formation d'étincelles
- Couvercle de protection des pôles de la batterie lorsqu'elle est montée (normes TÜV de contrôle technique des véhicules)
- Couvercle avec protection anti déflagration
- Poignées de manutention ergonomiques



Désignation	Courant d'essai à froid (A) EN	Capacité (Ah)	Longueur (mm)	Largeur (mm)	Hauteur (mm)
Cartec 45	450	45	211	175	190
Cartec 55	540	55	242	175	190
Cartec 65	630	65	242	175	190
Cartec 75	720	75	278	175	190
Cartec 85	810	85	317	175	190
Cartec 95	900	95	353	175	190



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- ULTIMA TECNOLOGIA CON IL 30% DI PRESTAZIONI IN PIÙ
- LA BATTERIA ADATTA A TUTTI I VEICOLI





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TECNOLOGIA EFB CON ELEVATA POTENZA DI AVVIAMENTO PER TUTTI I VEICOLI

- 30% di prestazioni e di durata in più rispetto alle comuni batterie
- 100% senza manutenzione
- Elevata resistenza ai cicli
- Numero di cicli di ricarica doppio
- Applicabile universalmente
- 36 mesi di garanzia
- Tecnologia di primo equipaggiamento

EFB È L'ACRONIMO DI ENHANCED FLOODED BATTERY

- Piastre positive e negative più spesse con speciale tecnologia full-frame
- Anche per veicoli standard start and stop, che non supportano altre funzioni a risparmio energetico
- Al contrario delle comuni batterie bagnate, le batterie EFB sono dotate di separatori HIGH PERFORMANCE.
- I separatori trattengono il materiale attivo nella piastra
- Ciò permette di ridurre la perdita di materiale attivo e avere una maggiore resistenza ai cicli rispetto alle normali batterie



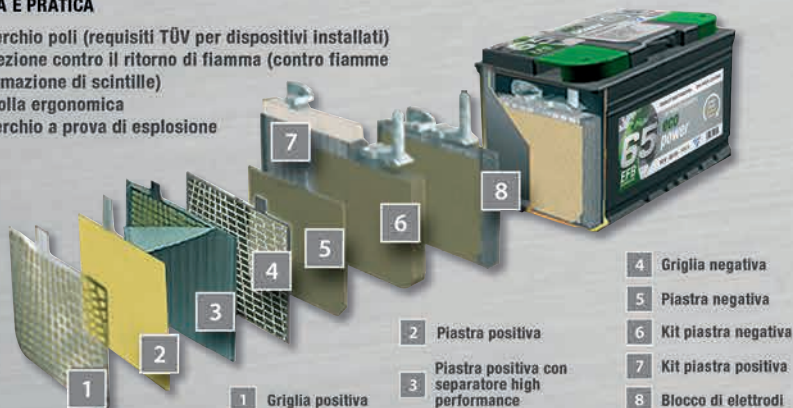
Specialmente adatto anche a veicoli standard start and stop senza recupero di energia dove la batteria EFB garantisce un approvvigionamento costante e la riaccensione rapida del motore.

BATTERIA IDEALE PER:

- Motori con problemi di avviamento
- Veicoli utilizzati per spostamenti brevi
- Veicoli diesel e parcheggio in strada
- Veicoli con molte utenze

SICURA E PRATICA

- Coperchio poli (requisiti TÜV per dispositivi installati)
- Protezione contro il ritorno di fiamma (contro fiamme e formazione di scintille)
- Tracolla ergonomica
- Coperchio a prova di esplosione



Denominazione:	Corrente di prova freddo (A) EN	Capacità (Ah)	Lunghezza (mm)	Larghezza (mm)	Altezza (mm)
Cartec 45	450	45	211	175	190
Cartec 55	540	55	242	175	190
Cartec 65	630	65	242	175	190
Cartec 75	720	75	278	175	190
Cartec 85	810	85	317	175	190
Cartec 95	900	95	353	175	190

Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN) KSN
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ALFA ROMEO

GTV 2.0 [916]	05.98 – 08.00		56/480	65	
Spider 2.0/3.0 [916]	04.95 – 08.00		56/480	65	
4C 1.8 [960]	08.13z →		45/400	45	
156 Berlina 1.8 [932]	09.97 – 10.00		45/400	45	
166 2.4 JTD 20V [936]	06.03 – 10.07		95/800	95	

AUDI

A2 1.2/1.4/1.6 [8Z0]	09.99 – 08.05		70/640	75		
A3 1.2 [8P1]	04.10 – 03.13	BWD	45/400	45		
A3 1.6 [8L1]	09.96 – 06.01		45/400	45		
A3 1.6 [8P1]	05.03 – 08.12		45/400	45		
A3 1.8 [8L1]	09.96 – 06.03		56/480	65		
A3 1.9 TDI [8P1]	06.03 – 05.10		70/640	75		
A3 2.0 [8P1]	05.03 – 06.08		56/480	65		
A3 2.0 [8P1]	07.08 – 03.13	BWD	56/480	65		
A3 2.0 TDI; TDI quattro [8P1]	05.03 – 06.08		70/640	75		
A3 2.0 TDI; TDI quattro [8P1]	07.08 – 03.13	BWD	70/640	75		
A3 Cabriolet 1.2/1.6/1.9/2.0 [8P7]	04.08 – 05.13	BWD	70/640	75		
A3 Cabriolet 1.8 [8V7, 8VE]	03.14 – 07.16		70/640	75		
A3 Limousine 2.0 TDI quattro [8VS, 8VM]	05.14 – 05.17		70/640	75		
A3 Sportback 1.6 [8PA]	09.04 – 08.12		45/400	45		
A3 Sportback 1.9 TDI [8PA]	09.04 – 05.10		70/640	75		
A3 Sportback 2.0 [8PA]	09.04 – 05.09		56/480	65		
A3 Sportback 2.0 [8PA]	07.08 – 03.13	BWD	56/480	65		
A3 Sportback 2.0 TDI; TDI quattro [8PA]	09.04 – 06.08		70/640	75		
A3 Sportback 2.0 TDI; TDI quattro [8PA]	07.08 – 03.13	BWD	70/640	75		
A4 1.6/1.8 [8D2, B5]	11.94 – 10.00	VAD	45/400	45		
A4 1.6/1.8 [8EC, B7]	11.04 – 06.08		56/480	65		
A4 1.8 [8E2, B6]	11.00 – 06.02		56/480	65		
A4 1.8 [8K2, B8]	11.07 – 12.15	BWD	56/480	65		
A4 1.9 TDI [8D2, B5]	02.96 – 11.00	VAD	70/640	75		
A4 1.9 TDI [8EC, B7]	11.04 – 06.08		70/640	75		
A4 2.0 [8EC, B7]	11.04 – 06.08		56/480	65		
A4 2.0 [8K2, B8]	11.07 – 12.15	BWD	70/640	75		
A4 2.0 [8K2, B8]	05.13 – 12.15		95/800	95		
A4 2.0 TDI [8EC, B7]	11.04 – 06.08		70/640	75		
A4 2.0 TDI [8K2, B8]	04.14 – 12.15	BWD	95/800	95		
A4 2.0/3.0 [8W2, B9]	05.15z →	SSJ	95/800	95		
A4 2.4 [8D2, B5]	08.98 – 10.00	VAD	45/400	45		
A4 2.5 TDI [8D2, B5]	07.98 – 10.00	VAD	70/640	75	95/800	95
A4 2.5 TDI [8EC, B7]	11.04 – 05.06		70/640	75	95/800	95
A4 2.5/3.0 [8E2, B6]	12.00 – 12.04		95/800	95		
A4 2.6 [8D2, B5]	11.94 – 07.98	VAD	45/400	45		
A4 2.7 TDI [8EC, B7]	11.05 – 06.08		70/640	75	95/800	95
A4 2.7 TDI [8K2, B8]	11.07 – 03.12	BWD	70/640	75	95/800	95
A4 2.8 [8D2, B5]	02.99 – 10.00	VAD	45/400	45		
A4 3.0 TDI quattro [8EC, B7]	01.05 – 06.08		95/800	95		
A4 3.0 TDI quattro [8K2, B8]	11.07 – 03.12	BWD	95/800	95		
A4 3.2 [8EC, B7]	01.05 – 06.08		95/800	95		
A4 Allroad 2.0 [8KH]	05.13 – 04.16	SSJ	95/800	95		
A4 Allroad 2.0/3.0 [8WH]	01.16z →	SSJ	95/800	95		
A4 Avant 1.6/1.8 [8D5, B5]	11.94 – 09.01	VAD	45/400	45		
A4 Avant 1.8 [8K5, B8]	11.07 – 12.15	BWD	56/480	65		

- BWD Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- SSJ Für Fahrzeuge mit Start-Stopp-Funktion
- VAD VW-Bodenleistenadapter erforderlich



Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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AUDI

A4 Avant 1.9 TDI; TDI quattro [8D5, B5]	02.96 – 09.01	VAD	70/640	75		
A4 Avant 2.0 [8K5, B8]	05.13 – 12.15	SSJ	95/800	95		
A4 Avant 2.0 TDI [8K5, B8]	04.08 – 07.13	BWD	70/640	75		
A4 Avant 2.0 TDI [8K5, B8]	04.14 – 12.15	BWD	95/800	95		
A4 Avant 2.0/3.0 [8W5, B9]	05.15z →	SSJ	95/800	95		
A4 Avant 2.4 [8D5, B5]	08.98 – 09.01	VAD	45/400	45		
A4 Avant 2.5 TDI; TDI quattro [8D5, B5]	11.97 – 09.01	VAD	70/640	75	95/800	95
A4 Avant 2.5/2.7/3.0/3.2 [8ED, B7]	11.04 – 06.08		95/800	95		
A4 Avant 2.5/3.0 [8E5, B6]	09.01 – 12.04		95/800	95		
A4 Avant 2.6 [8D5, B5]	11.94 – 07.98	VAD	45/400	45		
A4 Avant 2.7 TDI [8K5, B8]	06.08 – 03.12	BWD, SSJ	95/800	95		
A4 Avant 2.8 [8D5, B5]	08.98 – 09.01	VAD	56/480	65		
A4 Cabriolet 1.8 [8H7, B6]	04.02 – 12.05		56/480	65		
A4 Cabriolet 2.5/3.0/4.2 [8H7, B6]	04.02 – 12.05		95/800	95		
A4 Cabriolet 2.7/3.0/3.2 [8HE, B7]	11.05 – 03.09		95/800	95		
A5 Cabriolet 2.0 [8F7]	08.15 – 01.17	SSJ	95/800	95		
A5 Cabriolet 2.0/3.0 [F57]	11.16z →	SSJ	95/800	95		
A5 Cabriolet 3.0 TDI quattro [8F7]	03.09 – 03.12	BWD	95/800	95		
A5 Cabriolet 3.0 TDI quattro [8F7]	06.13 – 01.17	SSJ	95/800	95		
A5 Coupé 1.8 [8T3]	10.07 – 11.08	BWD	95/800	95		
A5 Coupé 1.8 [8T3]	08.11 – 01.17	SSJ	95/800	95		
A5 Coupé 2.0/3.0 [F53]	06.16z →	SSJ	95/800	95		
A5 Coupé 2.7/3.0 TDI; TDI quattro [8T3]	06.07 – 03.12	BWD, SSJ	95/800	95		
A5 Coupé 3.2 [8T3]	06.07 – 03.12	BWD	95/800	95		
A5 Coupé 3.2 [8T3]	11.07 – 03.12	BWD, SSJ	95/800	95		
A5 Sportback 2.0 TDI [8TA]	05.13 – 01.17	SSJ	95/800	95		
A5 Sportback 2.0/3.0 [F5A]	06.16z →	SSJ	95/800	95		
A5 Sportback 2.7 TDI [8TA]	09.09 – 03.12	BWD, SSJ	95/800	95		
A5 Sportback 3.0 TDI quattro [8TA]	09.09 – 03.12	BWD	95/800	95		
A5 Sportback 3.0 TDI quattro [8TA]	06.13 – 01.17	SSJ	95/800	95		
A6 1.8 [4B2, C5]	12.97 – 04.01	VAD	45/400	45		
A6 1.8 [4B2, C5]	11.98 – 05.04	VAD	70/640	75		
A6 1.9 TDI [4B2, C5]	04.97 – 10.00		70/640	75		
A6 1.9 TDI [4B2, C5]	06.01 – 05.04		95/800	95		
A6 2.0 [4F2, C6]	06.05 – 08.11		95/800	95		
A6 2.0 TDI [4F2, C6]	07.04 – 06.08	BWD	95/800	95		
A6 2.0 TDI [4G, C7]	11.13 – 09.18		95/800	95		
A6 2.0 TDI e [4F2, C6]	10.08 – 03.11	BWD	95/800	95		
A6 2.0 TDI quattro [4G, C7]	05.15 – 09.18	SSJ	95/800	95		
A6 2.4 [4B2, C5]	04.97 – 04.01		70/640	75		
A6 2.4 [4F2, C6]	01.05 – 10.08	BWD	95/800	95		
A6 2.5 TDI [4B2, C5]	04.97 – 05.04	VAD	95/800	95		
A6 2.5 TDI quattro [4B2, C5]	04.97 – 05.04	VAD	95/800	95		
A6 2.5 TDI; TDI quattro [4B2, C5]	04.97 – 08.03	VAD	70/640	75		
A6 2.7 TDI; TDI quattro [4F2, C6]	11.04 – 08.11	BWD	95/800	95		
A6 2.8 [4B2, C5]	11.98 – 05.01	VAD	70/640	75		
A6 2.8 [4F2, C6]	11.06 – 10.08	BWD	95/800	95		
A6 3.0 TDI [4G, C7]	03.11 – 05.12	SSJ	95/800	95		
A6 3.0 TDI [4G, C7]	08.15 – 09.18	SSJ	95/800	95		
A6 3.0 TDI quattro [4F2, C6]	04.04 – 08.11	BWD	95/800	95		
A6 3.0 TDI quattro [4G, C7]	04.12 – 09.18	SSJ	95/800	95		
A6 3.2/4.2 [4F2, C6]	04.04 – 08.11	BWD	95/800	95		
A6 Allroad 2.5 [4BH, C5]	06.03 – 08.05		70/640	75		
A6 Allroad 2.5 TDI [4BH, C5]	05.00 – 05.03		95/800	95		
A6 Allroad 2.7 [4BH, C5]	05.00 – 08.05		70/640	75		
A6 Allroad 2.7/3.0/3.2/4.2 [4FH, C6]	05.06 – 08.11	BWD	95/800	95		
A6 Allroad 3.0 TDI [4G, C7]	01.12 – 12.14		95/800	95		
A6 Allroad 3.0 TDI [4G, C7]	11.15z →	SSJ	95/800	95		
A6 Avant 1.8 [4B5, C5]	02.98 – 04.01	VAD	70/640	75		
A6 Avant 1.9 TDI [4B5, C5]	02.98 – 04.01	VAD	70/640	75		
A6 Avant 2.0 [4F5, C6]	06.05 – 08.11	BWD	70/640	75		

Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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AUDI

A6 Avant 2.0 TDI [4F5, C6]	06.05 – 08.11	BWD	95/800	95		
A6 Avant 2.0 TDI [4G, C7]	11.13 – 09.18		95/800	95		
A6 Avant 2.0 TDI quattro [4G, C7]	05.15 – 09.18	SSJ	95/800	95		
A6 Avant 2.0 TDI e [4F5, C6]	06.05 – 08.11	BWD	95/800	95		
A6 Avant 2.4 [4B5, C5]	04.97 – 05.01	VAD	70/640	75		
A6 Avant 2.4 [4F5, C6]	03.05 – 10.08	BWD	95/800	95		
A6 Avant 2.5 TDI quattro [4B5, C5]	02.98 – 08.03	VAD	70/640	75		
A6 Avant 2.7 TDI; TDI quattro [4F5, C6]	11.04 – 08.11	BWD	95/800	95		
A6 Avant 2.7/2.8 [4B5, C5]	02.98 – 05.01		70/640	75		
A6 Avant 2.8 [4F5, C6]	11.06 – 08.11	BWD	95/800	95		
A6 Avant 3.0 TDI quattro [4F5, C6]	03.05 – 08.11	BWD	95/800	95		
A6 Avant 3.0 TDI; TDI quattro [4G, C7]	05.11 – 09.18	BWD	95/800	95		
A6 Avant 3.2/4.2 [4F5, C6]	03.05 – 08.11	BWD	95/800	95		
A6 Avant 4.2 [4B6, C5]	04.99 – 05.01		95/800	95		
A7 Sportback 3.0 TDI [4G, C7]	11.10 – 03.15	BWD	95/800	95		
A7 Sportback 3.0 TDI quattro [4G, C7]	11.10 – 05.18	BWD	95/800	95		
A8 2.8 [4D2, D2]	05.00 – 09.02		70/640	75	95/800	95
A8 3.0 TDI quattro [4H, D4]	07.10 – 04.14	BWD, SSJ	95/800	95		
A8 3.0 TDI quattro [4H, D4]	10.13 – 01.18	SSJ	95/800	95		
A8 3.0/3.2/3.7/4.0/4.2/6.0 [4E, D3]	11.02 – 07.10		95/800	95		
A8 3.3 TDI quattro [4D2, D2]	12.99 – 08.02		90/720	85	95/800	95
A8 3.7 [4D2, D2]	07.95 – 09.02		90/720	85	95/800	95
A8 4.0 [4H, D4]	10.13z →	SSJ	95/800	95		
A8 4.2 [4D2, D2]	06.94 – 09.02		90/720	85	95/800	95
A8 4.2 [4H, D4]	11.09 – 04.14	BWD	95/800	95		
A8 4.2 TDI quattro [4H, D4]	11.09 – 04.14	BWD	95/800	95		
A8 4.2 TDI quattro [4H, D4]	10.13 – 01.18		95/800	95		
A8 6.3 [4H, D4]	01.11 – 04.14	BWD	95/800	95		
Q3 2.0 TDI [8U]	11.14 – 11.15		45/400	45		
Q5 2.0 [FYB]	05.16z →	SSJ	95/800	95		
Q5 2.0 [8RB]	09.14 – 05.17	BWD	95/800	95		
Q5 3.0 TDI quattro [8RB]	11.08 – 09.12	BWD, SSJ	95/800	95		
Q5 3.0 TDI quattro [8RB]	06.12 – 05.17		95/800	95		
Q7 3.0 [4MB]	01.15z →		95/800	95		
Q7 3.0 TDI [4LB]	08.06 – 05.11	BWD	95/800	95		
Q7 3.0 TDI [4LB]	05.11 – 08.15	SSJ	95/800	95		
Q7 3.0 TDI [4MB]	08.15z →	SSJ	95/800	95		
Q7 3.6 [4LB]	03.07 – 05.10	BWD	95/800	95		
Q7 4.2 [4LB]	03.06 – 05.10		95/800	95		
Q7 4.2 TDI [4LB]	03.07 – 06.09	BWD	95/800	95		
Q7 4.2 TDI [4LB]	06.09 – 08.15		95/800	95		
Q7 6.0 TDI [4LB]	09.08 – 04.12		95/800	95		
RS4 4.2 [8EC, B7]	11.05 – 06.08		95/800	95		
RS4 Avant 2.7 [8D5, B5]	05.00 – 09.01		70/640	75		
RS4 Avant 4.2 [8ED, B7]	05.06 – 06.08		95/800	95		
RS4 Avant 4.2 [8K5, B8]	05.12 – 08.15		95/800	95		
RS4 Cabriolet 4.2 [8HE, B7]	05.06 – 01.08		95/800	95		
RS5 Cabriolet 4.2 [8F7]	11.12 – 08.15	SSJ	95/800	95		
RS5 Coupé 4.2 [8T3]	03.10 – 08.15	BWD	95/800	95		
RS6 Avant 4.0 [4G, C7]	01.13z →	SSJ	95/800	95		
RS6 Avant 4.2 [4B6]	05.02 – 04.04		95/800	95		
RS6 plus Avant 4.0 [4G, C7]	11.15 – 09.18	SSJ	95/800	95		
RS7 plus Sportback 4.0 [4G, C7]	11.15 – 04.18	SSJ	95/800	95		
RS7 Sportback 4.0 [4G, C7]	05.13 – 02.15	SSJ	95/800	95		
R8 5.2 [4S3, 4SP]	07.15 – 11.17	SSJ	95/800	95		
R8 Spyder 5.2 [4S9, 4SR]	05.16 – 11.17	SSJ	95/800	95		
SQ5 3.0 [FYB]	11.16z →	SSJ	95/800	95		
SQ5 3.0 TDI quattro [8RB]	12.12 – 05.15		95/800	95		

- BWD Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- SSJ Für Fahrzeuge mit Start-Stopp-Funktion
- VAD VW-Bodenleistenadapter erforderlich



Fahrzeugtyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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AUDI

SQ5 3.0 TDI quattro [8RB]	05.15–05.17	SSJ	95/800	95		
S3 1.8 [8L1]	08.98–04.02		56/480	65		
S3 1.8 [8L1]	08.01–06.03		70/640	75		
S3 2.0 [8P1]	11.06–06.08		70/640	75		
S3 2.0 [8P1]	07.08–03.13	BWD	70/640	75		
S3 Cabriolet 2.0 [8V7, 8VE]	05.14–07.16		70/640	75		
S4 3.0 [8W2, B9]	05.16z →	SSJ	95/800	95		
S4 4.2 [8E2, B6]	03.03–12.04		95/800	95		
S4 Avant 4.2 [8ED, B7]	11.04–06.08		95/800	95		
S4 Avant 4.2 [8E5, B6]	03.03–12.04		95/800	95		
S4 Cabriolet 4.2 [8HE, B7]	01.06–03.09		95/800	95		
S4 Cabriolet 4.2 [8H7, B7]	02.04–12.05		90/720	85	95/800	95
S5 Cabriolet 3.0 [F57]	11.16z →	SSJ	95/800	95		
S5 Coupé 3.0 [F53]	07.16z →	SSJ	95/800	95		
S5 Coupé 3.0 [8T3]	05.13–01.17	SSJ	95/800	95		
S5 Coupé 4.2 [8T3]	06.07–03.12	BWD	95/800	95		
S5 Sportback 3.0 [F5A]	07.16z →	SSJ	95/800	95		
S6 Avant 4.0 [4G, C7]	04.12–04.15		95/800	95		
S6 Avant 4.2 [4B6, C5]	09.99–01.05		95/800	95		
S6 Avant 5.2 [4F5, C6]	06.06–08.11	BWD	95/800	95		
S7 Sportback 4.0 [4G, C7]	04.12–05.18		95/800	95		
S8 4.0 [4H, D4]	04.12–01.18		95/800	95		
S8 4.2 [4D2]	09.00–09.02		90/720	85	95/800	95
TT Coupé 1.8 [FV3]	08.15–08.18		95/800	95		
TT Roadster 1.8 [FV9]	08.15–08.18		95/800	95		

BMW

Serie M M 3 [F 80]	06.14z →		95/800	95		
Serie M M 5 [E 39]	10.98–07.03		95/800	95		
Serie M M 5 [E 60]	11.04–12.09	BWD	95/800	95		
Serie M M 5/M 550 [F 10]	09.11–10.16	AHB, BWD	95/800	95		
Serie M M 6 [E 63]	03.05–07.10	BWD	95/800	95		
Serie M M 135 [F 20]	03.15–06.16		95/800	95		
Serie M M 135 [F 21]	03.15–06.16		95/800	95		
Serie M M 140 [F 20]	07.16z →	SSJ	95/800	95		
Serie M M 140 [F 21]	07.16z →	SSJ	95/800	95		
Serie M M 550 Touring d xDrive [F 11]	03.12–02.17	AHB, BWD	95/800	95		
Serie M X 4 M [F 26]	11.15z →		95/800	95		
Serie M X 5 M [E 70]	09.09–06.13	AHB, BWD	95/800	95		
Serie M X 5 M [F 85]	03.15–06.18		95/800	95		
Serie M X 6 M [F 86]	03.15z →		95/800	95		
Serie M X 6 M 50 d xDrive [E 71]	04.12–06.14	AHB, BWD	95/800	95		
Serie M Cabrio M 3 [E 36]	01.96–12.99		70/640	75		
Serie M Cabrio M 4 [F 83]	09.14z →		95/800	95		
Serie M Cabrio M 6 [F 12]	03.12–05.18	AHB, BWD	95/800	95		
Serie M Coupé M 2 [F 87]	04.16z →	SSJ	95/800	95		
Serie M Coupé M 3 [E 46]	09.00–05.06		70/640	75		
Serie M Coupé M 4 [F 82]	06.14z →		95/800	95		
Serie M Coupé M 6 [F 13]	09.12z →		95/800	95		
Serie M5 550 [G 30]	02.17z →	SSJ	95/800	95		
Serie X3 2.0 [E 83]	09.05–08.08	AHB, BWD	56/480	65		
Serie X3 2.0 d [E 83]	10.04–08.08	AHB, BWD	95/800	95		
Serie X3 2.5 [E 83]	09.06–08.08	AHB, BWD	70/640	75	95/800	95
Serie X3 3.0 [E 83]	01.04–08.08	AHB, BWD	70/640	75	95/800	95
Serie X3 3.0 d; sd [E 83]	01.04–08.08		95/800	95		
Serie X3 18 d sDrive [F 25]	11.14–08.17	SSJ	95/800	95		
Serie X3 20 [F 25]	09.11–08.17	AHB, BWD	95/800	95		
Serie X3 20 d xDrive [F 25]	10.10–08.17	AHB, BWD, SSJ	95/800	95		
Serie X3 30/35 d xDrive [E 83]	09.08–08.10	AHB, BWD, SSJ	95/800	95		
Serie X3 35 [F 25]	10.10–08.17	AHB, BWD, SSJ	95/800	95		
Serie X3 35 d xDrive [F 25]	09.11–08.17	AHB, BWD	95/800	95		
Serie X4 20/28/30/35 [F 26]	06.14z →		95/800	95		
Serie X5 3.0 [E 53]	10.99–09.06		95/800	95		

Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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BMW

Serie X5 3.0 d [E 53]	03.01 – 09.03	AHB, BWD	90/720	85	95/800	95
Serie X5 3.0 d [E 53]	10.03 – 10.06		95/800	95		
Serie X5 3.0 d xDrive [E 70]	03.07 – 09.08	AHB, BWD	70/640	75		
Serie X5 3.0 d xDrive; sd xDrive [E 70]	03.07 – 09.08	AHB, BWD	95/800	95		
Serie X5 3.0 sd xDrive [E 70]	10.07 – 09.08	AHB, BWD	90/720	85		
Serie X5 4.4 [E 53]	03.99 – 09.03	AHB, BWD	90/720	85	95/800	95
Serie X5 4.4 [E 53]	10.03 – 10.06		95/800	95		
Serie X5 4.6 [E 53]	02.02 – 09.03		95/800	95		
Serie X5 4.8 [E 53]	03.04 – 10.06		95/800	95		
Serie X5 4.8 [E 70]	11.06 – 09.08	AHB, BWD	70/640	75	95/800	95
Serie X5 25/30 d sDrive; d xDrive [F 15]	11.13 – 06.18		95/800	95		
Serie X5 30 d xDrive [E 70]	04.10 – 06.13	AHB, BWD, SSJ	95/800	95		
Serie X5 35 [E 70]	04.10 – 06.13	AHB, BWD	95/800	95		
Serie X5 35/40 d xDrive [E 70]	10.08 – 06.13	AHB, BWD	95/800	95		
Serie X5 40 [F 15]	10.15 – 06.18	SSJ	95/800	95		
Serie X5 50 [E 70]	04.10 – 06.13	AHB, BWD	95/800	95		
Serie X6 30 d xDrive [F 16]	11.14z →		95/800	95		
Serie X6 30/40 d xDrive [E 71]	04.10 – 06.14	AHB, BWD	95/800	95		
Serie X6 50 [E 71]	05.08 – 06.14	AHB, BWD, SSJ	95/800	95		
Serie Z4 2.0/2.2/2.5/3.0 [E 85]	10.02 – 08.08	AHB, BWD	56/480	65		
Serie Z8 5.0 [E 52]	03.00 – 07.03		90/720	85	95/800	95
Serie 1 116 [F 20]	03.15z →		95/800	95		
Serie 1 116 [F 21]	03.15z →		95/800	95		
Serie 1 116 d [F 20]	03.15z →		95/800	95		
Serie 1 116 d [F 21]	03.15z →		95/800	95		
Serie 1 116/118/120/123 [E 81]	05.07 – 12.11	AHB, BWD, SSJ	95/800	95		
Serie 1 118 d [F 21]	03.15z →		95/800	95		
Serie 1 118 d xDrive [F 20]	07.13z →		95/800	95		
Serie 1 120 [F 20]	03.15 – 06.16		95/800	95		
Serie 1 120 [F 20]	07.16z →	SSJ	95/800	95		
Serie 1 120 [F 21]	03.15 – 06.16		95/800	95		
Serie 1 120 [F 21]	07.16z →	SSJ	95/800	95		
Serie 1 120 d [E 87]	09.04 – 06.11	SSJ	95/800	95		
Serie 1 120 d [F 20]	03.15z →		95/800	95		
Serie 1 120 d [F 21]	03.15z →		95/800	95		
Serie 1 120 d xDrive [F 20]	03.15z →		95/800	95		
Serie 1 120 d xDrive [F 21]	03.15z →		95/800	95		
Serie 1 125 [F 20]	07.16z →	SSJ	95/800	95		
Serie 1 125 d [F 20]	03.15z →		95/800	95		
Serie 1 Cabrio 118/120/123/125/135 [E 88]	03.08 – 10.13	AHB, BWD, SSJ	95/800	95		
Serie 1 Coupé 118/120/123/125 [E 82]	10.07 – 10.13	AHB, BWD, SSJ	95/800	95		
Serie 2 Cabrio M 235 [F 23]	11.14 – 06.16		95/800	95		
Serie 2 Cabrio M 240 [F 23]	07.16z →	SSJ	95/800	95		
Serie 2 Cabrio 218 d [F 23]	03.15z →		95/800	95		
Serie 2 Cabrio 220 [F 23]	11.14 – 06.16		95/800	95		
Serie 2 Cabrio 220 [F 23]	07.16z →	SSJ	95/800	95		
Serie 2 Cabrio 220/225 d [F 23]	11.14z →		95/800	95		
Serie 2 Cabrio 228/230 [F 23]	11.14z →	SSJ	95/800	95		
Serie 2 Coupé M 235 [F 22]	06.14 – 06.16		95/800	95		
Serie 2 Coupé M 240 [F 22]	07.16z →	SSJ	95/800	95		
Serie 2 Coupé 218 [F 22]	03.14z →		95/800	95		
Serie 2 Coupé 220 [F 22]	11.14z →	SSJ	95/800	95		
Serie 2 Coupé 225 [F 22]	03.14 – 06.15		95/800	95		
Serie 2 Coupé 225 [F 22]	07.15z →	SSJ	95/800	95		
Serie 2 Coupé 228/230 [F 22]	06.14z →	SSJ	95/800	95		
Serie 2 Grand Tourer 216 [F 46]	07.15z →		95/800	95		
Serie 3 316 [F 30]	07.12 – 07.15		95/800	95		
Serie 3 316 d [E 90]	09.09 – 10.11	AHB, BWD, SSJ	95/800	95		
Serie 3 316 d [F 30]	03.12 – 02.15		95/800	95		
Serie 3 316 d [F 30]	03.15 – 10.18	SSJ	95/800	95		

- AHB** Achtung: Keine abweichende Kapazität (Ah) zur vorher verwendeten Batterie verbauen. Sonst reicht das Anmelden am Steuergerät nicht aus, sondern es wird ein Flashen des Steuergeräts notwendig.
- BWD** Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- SSJ** Für Fahrzeuge mit Start-Stopp-Funktion



Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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BMW

Serie 3 316/318 [E 46]	04.98–03.05		56/480	65		
Serie 3 318 [E 90]	09.07–10.11	AHB, BWD, SSJ	95/800	95		
Serie 3 318 [F 30]	07.15z →		95/800	95		
Serie 3 318 d [E 90]	09.05–09.07	AHB, BWD	95/800	95		
Serie 3 318 d [F 30]	03.12–06.15	AHB, BWD	95/800	95		
Serie 3 318 d [F 30]	07.15–10.18		95/800	95		
Serie 3 318 d xDrive [F 30]	07.13–05.15		95/800	95		
Serie 3 320 [E 46]	04.98–03.05		70/640	75		
Serie 3 320 [E 90]	09.07–12.11	AHB, BWD, SSJ	95/800	95		
Serie 3 320 [F 30]	03.12z →	AHB, BWD	95/800	95		
Serie 3 320 [F 30]	07.15z →	SSJ	95/800	95		
Serie 3 320 d [E 46]	04.98–03.05		95/800	95		
Serie 3 320 d [E 90]	03.05–09.07	AHB, BWD	95/800	95		
Serie 3 320 d [E 90]	03.05–12.11	AHB, BWD, SSJ	95/800	95		
Serie 3 320 d [F 30]	02.12–03.16	AHB, BWD, SSJ	95/800	95		
Serie 3 320 d [F 30]	07.12z →		95/800	95		
Serie 3 320 d ed [E 90]	09.07–11.11	BWD	95/800	95		
Serie 3 320 d ed [F 30]	02.12–03.16	AHB, BWD, SSJ	95/800	95		
Serie 3 320 d ed [F 30]	07.15z →	SSJ	95/800	95		
Serie 3 320 d xDrive [E 90]	09.08–10.11	AHB, BWD	95/800	95		
Serie 3 320 d xDrive [F 30]	07.12z →		95/800	95		
Serie 3 323 d [F 30]	03.13–02.16		95/800	95		
Serie 3 323/325/328/330 [E 46]	04.98–04.05		70/640	75		
Serie 3 325 [E 90]	03.05–12.11	AHB, BWD	70/640	75	95/800	95
Serie 3 325 [E 90]	09.07–12.11	BWD	95/800	95		
Serie 3 325 d [E 90]	09.06–02.10		95/800	95		
Serie 3 325 d [E 90]	03.10–10.11	AHB, BWD	95/800	95		
Serie 3 325 D [F 30]	03.16z →	SSJ	95/800	95		
Serie 3 328 [F 30]	02.12–08.15	AHB, BWD, SSJ	95/800	95		
Serie 3 330 [E 90]	03.05–12.11	AHB, BWD	70/640	75	95/800	95
Serie 3 330 [F 30]	07.15z →		95/800	95		
Serie 3 330 d [E 46]	10.99–03.05		90/720	85	95/800	95
Serie 3 330 d [E 90]	09.05–08.08		95/800	95		
Serie 3 330 d [E 90]	09.08–12.11	AHB, BWD, SSJ	95/800	95		
Serie 3 330 d [F 30]	07.12z →		95/800	95		
Serie 3 330 d xDrive [E 90]	09.08–12.11	AHB, BWD, SSJ	95/800	95		
Serie 3 330 xd [E 90]	09.05–08.08		95/800	95		
Serie 3 335 [E 90]	09.06–12.11	AHB, BWD	70/640	75	95/800	95
Serie 3 335 [F 30]	02.12–08.15	AHB, BWD, SSJ	95/800	95		
Serie 3 335 d [E 90]	09.06–10.11		95/800	95		
Serie 3 335 d xDrive [F 30]	07.13z →		95/800	95		
Serie 3 340 [F 30]	07.15z →		95/800	95		
Serie 3 Cabrio 318 [E 93]	03.10–09.13	AHB, BWD	95/800	95		
Serie 3 Cabrio 320 [E 93]	03.07–10.13		45/400	45		
Serie 3 Cabrio 320 d [E 46]	01.05–08.06		95/800	95		
Serie 3 Cabrio 320 d [E 93]	03.08–02.10	BWD, SSJ	95/800	95		
Serie 3 Cabrio 320 d [E 93]	03.10–10.13	AHB, BWD, SSJ	95/800	95		
Serie 3 Cabrio 323 [E 46]	03.00–09.00		70/640	75		
Serie 3 Cabrio 325 d [E 93]	09.07–09.13	AHB, BWD	95/800	95		
Serie 3 Cabrio 330 d [E 46]	04.05–08.06		95/800	95		
Serie 3 Cabrio 330 d [E 93]	03.07–02.09		95/800	95		
Serie 3 Cabrio 330 d [E 93]	03.09–09.13	BWD, SSJ	95/800	95		
Serie 3 Cabrio 335 [E 93]	03.10–10.13	AHB, BWD	70/640	75		
Serie 3 Compact 316/318 [E 46]	06.01–12.04		56/480	65		
Serie 3 Compact 325 [E 46]	06.01–12.04		70/640	75		
Serie 3 Coupé 316/318 [E 36]	09.93–12.99		56/480	65		
Serie 3 Coupé 318 [E 46]	04.99–05.06		56/480	65		
Serie 3 Coupé 318 [E 92]	03.10–06.13	AHB, BWD	95/800	95		
Serie 3 Coupé 320 [E 92]	03.07–06.13	AHB, BWD	70/640	75		
Serie 3 Coupé 320 d [E 92]	03.07–02.10	BWD	95/800	95		
Serie 3 Coupé 320 d [E 92]	03.10–06.13	AHB, BWD, SSJ	95/800	95		
Serie 3 Coupé 320 d xDrive [E 92]	03.07–06.13	AHB, BWD, SSJ	95/800	95		
Serie 3 Coupé 320/323/325/328 [E 46]	04.98–05.06		70/640	75		
Serie 3 Coupé 320/323/328 [E 36]	09.94–06.99		70/640	75		
Serie 3 Coupé 325 [E 92]	09.06–06.13	AHB, BWD	70/640	75	95/800	95
Serie 3 Coupé 325 d [E 92]	03.07–02.10	BWD	95/800	95		
Serie 3 Coupé 325 d [E 92]	03.10–06.13	AHB, BWD	95/800	95		

Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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BMW

Serie 3 Coupé 330 [E 92]	09.06–06.13	AHB, BWD	70/640	75	95/800	95
Serie 3 Coupé 330 d [E 46]	03.03–05.06		95/800	95		
Serie 3 Coupé 330 d [E 92]	09.06–08.08	BWD	95/800	95		
Serie 3 Coupé 330 d [E 92]	09.08–06.13	BWD, SSJ	95/800	95		
Serie 3 Coupé 330 d xDrive [E 92]	09.08–06.13	BWD, SSJ	95/800	95		
Serie 3 Coupé 330 xd [E 92]	09.06–08.08	BWD	95/800	95		
Serie 3 Coupé 335 [E 92]	09.06–02.10		95/800	95		
Serie 3 Coupé 335 [E 92]	03.10–06.13	AHB, BWD	70/640	75		
Serie 3 Coupé 335 d [E 92]	09.06–03.13	BWD	95/800	95		
Serie 3 GT 318 d [F 34]	06.13z →		95/800	95		
Serie 3 GT 320 [F 34]	06.13z →	SSJ	95/800	95		
Serie 3 GT 320 d [F 34]	06.13z →		95/800	95		
Serie 3 GT 320 d xDrive [F 34]	06.13z →		95/800	95		
Serie 3 GT 325 [F 34]	06.13–06.16		95/800	95		
Serie 3 GT 325 d [F 34]	07.13–06.16		95/800	95		
Serie 3 GT 325 d [F 34]	07.16z →	SSJ	95/800	95		
Serie 3 GT 328/330 [F 34]	06.13z →	SSJ	95/800	95		
Serie 3 GT 330/335 d; d xDrive [F 34]	03.14z →		95/800	95		
Serie 3 Touring 316 [F 31]	03.13–05.15	SSJ	95/800	95		
Serie 3 Touring 316 d [E 91]	03.10–05.12	AHB, BWD, SSJ	95/800	95		
Serie 3 Touring 316 d [F 31]	11.12–02.15		95/800	95		
Serie 3 Touring 316 d [F 31]	03.15z →	SSJ	95/800	95		
Serie 3 Touring 316/318 [E 46]	10.99–09.05		56/480	65		
Serie 3 Touring 318 [F 31]	07.15z →		95/800	95		
Serie 3 Touring 318 d [E 91]	03.06–09.07	AHB, BWD	95/800	95		
Serie 3 Touring 318 d [F 31]	11.12z →		95/800	95		
Serie 3 Touring 318 d xDrive [F 31]	11.12z →		95/800	95		
Serie 3 Touring 320 [E 46]	10.99–09.05		70/640	75		
Serie 3 Touring 320 [E 91]	09.07–06.12	AHB, BWD, SSJ	95/800	95		
Serie 3 Touring 320 [F 31]	11.12–06.15		95/800	95		
Serie 3 Touring 320 [F 31]	03.13z →	SSJ	95/800	95		
Serie 3 Touring 320 d [E 46]	09.01–09.05		95/800	95		
Serie 3 Touring 320 d [E 91]	09.05–08.07	AHB, BWD	95/800	95		
Serie 3 Touring 320 d [E 91]	03.10–05.12	AHB, BWD, SSJ	95/800	95		
Serie 3 Touring 320 d xDrive [E 91]	09.08–05.12	AHB, BWD	95/800	95		
Serie 3 Touring 320/325 d [F 31]	09.12z →		95/800	95		
Serie 3 Touring 320/325 d ed [F 31]	09.12z →		95/800	95		
Serie 3 Touring 320/325 d xDrive [F 31]	09.12z →		95/800	95		
Serie 3 Touring 325 [E 91]	09.05–12.10		95/800	95		
Serie 3 Touring 325 [E 91]	09.07–05.12		70/640	75		
Serie 3 Touring 325 d [E 91]	09.06–02.10		95/800	95		
Serie 3 Touring 325 d [E 91]	03.10–05.12	AHB, BWD	95/800	95		
Serie 3 Touring 325/328/330 [E 46]	10.99–09.05		70/640	75		
Serie 3 Touring 328 [F 31]	06.12–06.16		95/800	95		
Serie 3 Touring 330 [E 91]	09.05–02.12		95/800	95		
Serie 3 Touring 330 [F 31]	07.15z →		95/800	95		
Serie 3 Touring 330 d [E 46]	10.99–03.03	AHB, BWD	90/720	85	95/800	95
Serie 3 Touring 330 d [E 91]	09.08–05.12	AHB, BWD, SSJ	95/800	95		
Serie 3 Touring 330 d [F 31]	09.12z →		95/800	95		
Serie 3 Touring 330 d xDrive [E 91]	09.08–05.12	AHB, BWD, SSJ	95/800	95		
Serie 3 Touring 330 d xDrive [F 31]	09.12z →		95/800	95		
Serie 3 Touring 330 xd [E 46]	10.99–09.05		95/800	95		
Serie 3 Touring 330 xd [E 91]	09.05–08.08	AHB, BWD	90/720	85	95/800	95
Serie 3 Touring 335 [E 91]	03.10–05.12	AHB, BWD	70/640	75	95/800	95
Serie 3 Touring 335 [F 31]	03.13–06.15		95/800	95		
Serie 3 Touring 335 d [E 91]	09.06–05.12		95/800	95		
Serie 3 Touring 335 d xDrive [F 31]	11.13z →		95/800	95		
Serie 3 Touring 340 [F 31]	07.15z →		95/800	95		
Serie 4 Cabrio 420 [F 33]	06.14–02.16		95/800	95		
Serie 4 Cabrio 420 [F 33]	03.16z →	SSJ	95/800	95		
Serie 4 Cabrio 420/425 d [F 33]	03.14z →		95/800	95		
Serie 4 Cabrio 428 [F 33]	03.14–02.16		95/800	95		
Serie 4 Cabrio 430 [F 33]	03.16z →	SSJ	95/800	95		
Serie 4 Cabrio 430 d [F 33]	06.14z →		95/800	95		

- AHB
Achtung: Keine abweichende Kapazität (Ah) zur vorher verwendeten Batterie verbauen. Sonst reicht das Anmelden am Steuergerät nicht aus, sondern es wird ein Flashen des Steuergeräts notwendig.

BWD
Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.

SSJ
Für Fahrzeuge mit Start-Stopp-Funktion



Fahrzeugtyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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BMW

Serie 4 Cabrio 435 d [F 33]	03.14z →		95/800	95		
Serie 4 Cabrio 440 [F 33]	03.16z →	SSJ	95/800	95		
Serie 4 Coupé 420 [F 32]	11.13–02.16		95/800	95		
Serie 4 Coupé 420 [F 32]	03.16z →	SSJ	95/800	95		
Serie 4 Coupé 420/425 d; d xDrive [F 32]	09.13z →		95/800	95		
Serie 4 Coupé 428/430 [F 32]	09.13z →	SSJ	95/800	95		
Serie 4 Coupé 430 d; d xDrive [F 32]	11.13z →		95/800	95		
Serie 4 Coupé 435 [F 32]	09.13–02.16	SSJ	95/800	95		
Serie 4 Coupé 435 d xDrive [F 32]	11.13z →		95/800	95		
Serie 4 Coupé 440 [F 32]	03.16z →	SSJ	95/800	95		
Serie 4 GC 418 [F 36]	07.15z →		95/800	95		
Serie 4 GC 420 [F 36]	05.14z →		95/800	95		
Serie 4 GC 425 [F 36]	03.16z →	SSJ	95/800	95		
Serie 4 GC 428 [F 36]	05.14–02.16		95/800	95		
Serie 4 GC 430 [F 36]	06.14z →		95/800	95		
Serie 4 GC 435 [F 36]	05.14z →		95/800	95		
Serie 4 GC 440 [F 36]	03.16z →	SSJ	95/800	95		
Serie 5 518 d [F 10]	06.14–10.16		95/800	95		
Serie 5 520 [E 39]	09.95–07.03		95/800	95		
Serie 5 520 [E 60]	07.03–03.05	AHB, BWD	95/800	95		
Serie 5 520 [F 10]	09.11–10.16	AHB, BWD	95/800	95		
Serie 5 520 d [E 60]	09.05–09.07	AHB, BWD	95/800	95		
Serie 5 520 d [F 10]	07.13–10.16		95/800	95		
Serie 5 520 d ed [F 10]	09.11–06.13	AHB, BWD, SSJ	95/800	95		
Serie 5 520 d xDrive [F 10]	07.13–10.16		95/800	95		
Serie 5 520/530/540/550 [G 30]	02.17z →	SSJ	95/800	95		
Serie 5 523 [E 39]	09.95–09.00		70/640	75	95/800	95
Serie 5 523 [F 10]	03.10–08.11	AHB, BWD	95/800	95		
Serie 5 523/525 [E 60]	09.03–02.10	AHB, BWD	95/800	95		
Serie 5 525 d [E 39]	01.96–07.03		95/800	95		
Serie 5 525 d [E 60]	05.04–02.10	AHB, BWD	95/800	95		
Serie 5 525 d [F 10]	03.10–10.16	AHB, BWD	95/800	95		
Serie 5 525 d xDrive [E 60]	05.04–02.10	AHB, BWD	95/800	95		
Serie 5 525 d xDrive [F 10]	03.10–10.16	AHB, BWD	95/800	95		
Serie 5 525 tds [E 39]	01.96–09.00		90/720	85		
Serie 5 525 tds [E 39]	01.96–07.03		95/800	95		
Serie 5 525 xd [E 60]	05.04–02.10	AHB, BWD	95/800	95		
Serie 5 528 [E 39]	09.95–09.00		70/640	75	95/800	95
Serie 5 528/530 [F 10]	03.10–06.13	AHB, BWD	95/800	95		
Serie 5 530 [E 39]	09.00–07.03		95/800	95		
Serie 5 530 [E 60]	07.03–02.10	AHB, BWD	95/800	95		
Serie 5 530 d [E 39]	08.98–07.03		90/720	85	95/800	95
Serie 5 530 d [E 60]	07.03–09.05	BWD	95/800	95		
Serie 5 530 d [E 60]	09.05–12.09	AHB, BWD	95/800	95		
Serie 5 530 d [F 10]	03.10–10.16	AHB, BWD	95/800	95		
Serie 5 530 d xDrive [E 60]	09.05–12.09	AHB, BWD	95/800	95		
Serie 5 530 d xDrive [F 10]	03.11–10.16	AHB, BWD	95/800	95		
Serie 5 530 xd [E 60]	09.05–12.09	AHB, BWD	95/800	95		
Serie 5 535 [E 39]	01.96–07.03		70/640	75	95/800	95
Serie 5 535 [F 10]	03.10–10.16	AHB, BWD	95/800	95		
Serie 5 535 d [E 60]	09.04–02.10	AHB, BWD	95/800	95		
Serie 5 535 d [F 10]	09.10–10.16	AHB, BWD	95/800	95		
Serie 5 535 d xDrive [F 10]	09.10–10.16	AHB, BWD	95/800	95		
Serie 5 540 [E 39]	01.96–07.03		90/720	85	95/800	95
Serie 5 540/545/550 [E 60]	09.03–02.10	AHB, BWD	95/800	95		
Serie 5 550 [F 10]	03.10–06.13	AHB, BWD	95/800	95		
Serie 5 550 [F 10]	07.13–10.16	SSJ	95/800	95		
Serie 5 GT 520 d [F 07]	07.12–02.17	SSJ	95/800	95		
Serie 5 GT 530 d [F 07]	10.09–06.12	AHB, BWD	95/800	95		
Serie 5 GT 530 d [F 07]	07.12–02.17		95/800	95		
Serie 5 GT 530 d xDrive [F 07]	10.09–06.12	AHB, BWD	95/800	95		
Serie 5 GT 530 d xDrive [F 07]	07.12–02.17		95/800	95		
Serie 5 GT 535 d [F 07]	10.09–08.17	AHB, BWD	95/800	95		
Serie 5 GT 535 d xDrive [F 07]	03.10–06.12	AHB, BWD	95/800	95		
Serie 5 GT 535 d xDrive [F 07]	07.12–02.17		95/800	95		
Serie 5 Touring 518/520 d; d xDrive [F 11]	07.13–02.17		95/800	95		
Serie 5 Touring 520 [E 61]	09.05–08.10	AHB, BWD	95/800	95		
Serie 5 Touring 520/523/525 [E 39]	12.96–05.04		95/800	95		
Serie 5 Touring 520/530/540 [G 31]	06.17z →	SSJ	95/800	95		
Serie 5 Touring 523 [E 61]	03.05–08.10	AHB, BWD	95/800	95		

Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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BMW

Serie 5 Touring 523 [F 11]	09.10 – 08.11	AHB, BWD	95/800	95		
Serie 5 Touring 525 d [E 39]	03.97 – 05.04		95/800	95		
Serie 5 Touring 525 d [E 61]	12.04 – 08.10	AHB, BWD	95/800	95		
Serie 5 Touring 525 d [E 61]	03.07 – 08.10	AHB, BWD	90/720	85		
Serie 5 Touring 525 d [F 11]	09.10 – 08.11	AHB, BWD	95/800	95		
Serie 5 Touring 525 d xDrive [E 61]	12.04 – 08.10	AHB, BWD	95/800	95		
Serie 5 Touring 525 tds [E 39]	03.97 – 09.00		90/720	85		
Serie 5 Touring 525 tds [E 39]	03.97 – 05.04		95/800	95		
Serie 5 Touring 525 xd [E 61]	05.04 – 08.10	AHB, BWD	95/800	95		
Serie 5 Touring 528/530 [E 39]	01.97 – 05.04		95/800	95		
Serie 5 Touring 528/530 [F 11]	09.10 – 06.13	AHB, BWD	95/800	95		
Serie 5 Touring 530 [E 61]	03.05 – 08.10	AHB, BWD	95/800	95		
Serie 5 Touring 530 d [E 39]	08.98 – 05.04		95/800	95		
Serie 5 Touring 530 d [E 61]	05.04 – 05.10	AHB, BWD	95/800	95		
Serie 5 Touring 530 d [F 11]	09.10 – 02.17	AHB, BWD	95/800	95		
Serie 5 Touring 535 d; xd [E 61]	03.07 – 08.10	AHB, BWD	90/720	85		
Serie 5 Touring 530 d xDrive [E 61]	05.04 – 05.10	AHB, BWD	95/800	95		
Serie 5 Touring 530 d xDrive [F 11]	09.10 – 02.17	AHB, BWD	95/800	95		
Serie 5 Touring 530 xd [E 61]	05.04 – 05.10	AHB, BWD	95/800	95		
Serie 5 Touring 535 [F 11]	09.10 – 02.17	AHB, BWD	95/800	95		
Serie 5 Touring 535 d [E 61]	09.04 – 08.10	AHB, BWD	95/800	95		
Serie 5 Touring 535 d [E 61]	03.07 – 08.10	AHB, BWD	90/720	85		
Serie 5 Touring 535 d [F 11]	09.10 – 02.17	AHB, BWD	95/800	95		
Serie 5 Touring 535 d xDrive [F 11]	09.10 – 02.17	AHB, BWD	95/800	95		
Serie 5 Touring 540 [E 39]	03.97 – 05.04		95/800	95		
Serie 5 Touring 545/550 [E 61]	05.04 – 08.10	AHB, BWD	95/800	95		
Serie 6 630 [E 63]	09.04 – 07.10	AHB, BWD	95/800	95		
Serie 6 635 d [E 63]	09.07 – 07.10	AHB, BWD	95/800	95		
Serie 6 645 [E 63]	01.04 – 09.05	AHB, BWD	95/800	95		
Serie 6 650 [E 63]	09.05 – 07.10	BWD	95/800	95		
Serie 6 Cabrio 630 [E 64]	09.04 – 07.10	AHB, BWD	95/800	95		
Serie 6 Cabrio 635 d [E 64]	09.07 – 07.10	AHB, BWD	95/800	95		
Serie 6 Cabrio 640 d [F 12]	09.11 – 05.18	AHB, BWD	95/800	95		
Serie 6 Cabrio 640 d xDrive [F 12]	03.12 – 05.18		95/800	95		
Serie 6 Cabrio 645 [E 64]	04.04 – 09.05	BWD	95/800	95		
Serie 6 Cabrio 650 [E 64]	09.05 – 07.10	AHB, BWD	95/800	95		
Serie 6 Cabrio 650 [F 12]	03.11 – 06.12	AHB, BWD	95/800	95		
Serie 6 Cabrio 650 [F 12]	07.12 – 05.18	SSJ	95/800	95		
Serie 6 Coupé 640 d xDrive [F 13]	03.12z →	AHB, BWD	95/800	95		
Serie 6 Coupé 650 [F 13]	07.12z →		95/800	95		
Serie 6 GC 640 [F 06]	05.12z →	SSJ	95/800	95		
Serie 6 GC 640 d; d xDrive [F 06]	05.12z →		95/800	95		
Serie 6 GC 650 [F 06]	07.12z →	SSJ	95/800	95		
Serie 7 728 [E 38]	09.95 – 10.01		90/720	85	95/800	95
Serie 7 730 [E 38]	08.98 – 12.01		95/800	95		
Serie 7 730 d [E 65]	10.02 – 03.05	AGM	95/800	95		
Serie 7 730 d [F 01]	11.08 – 06.12	SSJ	95/800	95		
Serie 7 730 d [F 01]	07.12 – 05.15		95/800	95		
Serie 7 730 d xDrive [F 01]	07.12 – 05.15		95/800	95		
Serie 7 730 Ld [E 66]	09.05 – 10.08	AGM	95/800	95		
Serie 7 730 Ld [F 02]	03.09 – 06.12	AHB, BWD, SSJ	95/800	95		
Serie 7 730 Ld [F 02]	07.12 – 05.15		95/800	95		
Serie 7 730/740/750 [G 11]	09.15z →	SSJ	95/800	95		
Serie 7 730/740/750 [G 12]	09.15z →	SSJ	95/800	95		
Serie 7 735 [E 38]	09.94 – 10.01		90/720	85	95/800	95
Serie 7 735/740/745 [E 65]	11.01 – 10.08		95/800	95		
Serie 7 735/740/745/750/760 [E 66]	03.02 – 10.08		95/800	95		
Serie 7 740 [E 38]	01.96 – 08.01		90/720	85	95/800	95
Serie 7 740 [F 01]	11.08 – 06.12	AHB, BWD	95/800	95		
Serie 7 740 d [F 01]	09.09 – 06.12	AHB, BWD	95/800	95		
Serie 7 740 d [F 01]	07.12 – 05.15		95/800	95		
Serie 7 740 d xDrive [F 01]	09.09 – 06.12	AHB, BWD	95/800	95		
Serie 7 740 d xDrive [F 01]	07.12 – 05.15		95/800	95		
Serie 7 740/750 [F 02]	11.08 – 06.12	AHB, BWD	95/800	95		
Serie 7 745 d [E 65]	09.05 – 10.08		95/800	95		
Serie 7 750 [E 38]	06.94 – 07.01		90/720	85	95/800	95
Serie 7 750 [F 01]	11.08 – 06.12	AHB, BWD	95/800	95		

- AGM
Für dieses Fahrzeug nur AGM (Absorbent Glass Mat)-Batterie verwenden.
- AHB
Achtung: Keine abweichende Kapazität (Ah) zur vorher verwendeten Batterie verbauen. Sonst reicht das Anmelden am Steuergerät nicht aus, sondern es wird ein Flashen des Steuergeräts notwendig.
- BWD
Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- SSJ
Für Fahrzeuge mit Start-Stopp-Funktion



Fahrzeugtyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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BMW

Serie 7 750 d xDrive [F 01]	07.12–05.15		95/800	95		
Serie 7 750 Ld xDrive [F 02]	07.12–05.15		95/800	95		
Serie 7 750/760 [E 65]	12.02–10.08		95/800	95		
Serie 7 760 [F 02]	09.09–04.15	AHB, BWD	95/800	95		

CHRYSLER

Grand Voyager 3.6 [RS]	01.11z →	SSJ	95/800	95		
Voyager 2.8 CRD [RT]	01.08z →	SSJ	95/800	95		
300C 2.7 [LE]	10.04–08.10		90/720	85		
300C 3.0 CRD [LE]	09.05–08.10		95/800	95		
300C Touring 3.0 CRD [LE]	09.05–08.10		95/800	95		

CITROEN

AX 1.0/1.1	06.92–12.98		45/400	45		
Berlingo 1.1/1.4/1.6/1.8 [M49]	07.96–11.02		56/480	65		
Berlingo 1.6 [B9]	05.08–11.11		56/480	55		
Berlingo 1.6 [M59]	11.02–04.08		56/480	55		
Berlingo 1.6 HDi [B9]	05.08–11.11		70/640	75		
Berlingo 1.6/1.9/2.0 D; HDi [M59]	11.02–10.11		70/640	75		
Berlingo 1.9/2.0 D; HDi [M49]	07.98–11.02		70/640	75		
C3 1.0 [A51]	09.12–12.16		45/400	45		
C4 1.6 HDi [B71]	07.12z →		56/480	55		
C4 Grand Picasso 1.6 [B58]	07.08–12.13	BWD	56/480	55		
C4 Picasso 1.6 HDi [B78]	02.13–12.18		56/480	55		
C4 Picasso 2.0 [B58]	02.07–10.08	BWD	56/480	65		
C5 2.0 [X3]	10.04–03.08		56/480	65		
C5 2.0 HDi [X7]	04.08–05.15	BWD	70/640	75		
C5 2.2/3.0 [X4]	03.01–09.04		70/640	75		
C5 3.0 HDi 24V [X7]	07.09–04.14	BWD	70/640	75		
C5 Break 2.0 [X3]	10.04–09.07		56/480	65		
C5 Tourer 2.2/2.7 HDi [X7]	04.08–09.09	BWD	70/640	75		
C8 2.0/2.2 [V3]	06.02–05.10		70/640	75		
DS3 1.6 BlueHdi [A55]	10.13–04.15		56/480	55		
DS3 Cabrio 1.6 [A56]	07.12–04.15		45/400	45	56/480	55
Evasion 2.0 [U60]	06.94–07.02		56/480	65		
Evasion 2.0 HDi [U60]	01.99–07.02		70/640	75		
Jumper 2.0 BlueHdi [U9]	07.15z →	SSJ	95/800	95		
Jumper 2.0 HDi [U5]	02.02–05.06		70/640	75		
Jumper 2.2 HDi [U9]	06.11–12.16		95/800	95		
Jumper 2.2/2.8 HDi [U5]	02.02–12.06		95/800	95		
Jumper 2.5 D; TDi [23]	02.94–02.02		90/720	85	95/800	95
Jumper 2.8 HDi [23]	09.00–02.02		90/720	85	95/800	95
Jumpy 1.6 HDi [G9]	02.07–12.16		70/640	75		
Saxo 1.4 [S8]	02.96–09.03		45/400	45		
Xantia 1.6 [X1]	03.93–01.98		45/400	45		
Xantia 1.8 [X1]	03.93–01.98		45/400	45	56/480	55
Xantia 1.8 [X2]	10.97–12.01		45/400	45		
Xantia 2.0 [X2]	12.97–12.01		56/480	65		
Xantia Break 1.8 [X1]	09.95–01.98		45/400	45		
Xantia Break 1.8 [X2]	12.97–12.01		45/400	45		
Xantia Break 2.0 [X2]	12.97–12.01		56/480	65		
Xantia Break 2.0 HDi [X2]	10.98–12.01		70/640	75		
XM 2.0 [Y4]	07.94–10.00		56/480	65		
XM 3.0 [Y4]	07.94–10.00		70/640	75		
Xsara 1.4/1.6 [N7]	09.00–12.05		45/400	45		
Xsara 1.8 [N6]	07.97–08.00		45/400	45		
Xsara Break 1.6 [N7]	09.00–03.10		45/400	45		
Xsara Break 1.8 [N6]	04.98–08.00		45/400	45		
Xsara Coupé 1.4/1.6 [N7]	09.00–12.05		45/400	45		
Xsara Coupé 1.4/1.8 [N6]	07.97–08.00		45/400	45		
Xsara Picasso 1.6 [N68]	01.00–04.10		45/400	45		
Xsara Picasso 1.6 HDi [N68]	05.04–04.10		70/640	75		
Xsara Picasso 1.8 [N68]	01.00–04.10		45/400	45		
Xsara Picasso 2.0 [N68]	03.01–04.10		56/480	65		

DACIA

Logan MCV 1.2 [K8]	03.13–12.18		45/400	45		
Sandero 1.2 [B8]	08.12–12.18		45/400	45		
Sandero 1.4/1.6 [BS]	06.08–12.15		45/400	45		

Fahrzeu	g	typ	Einbau-	SOFA	Ah/A (EN)	CARTEC	Alternativ
			datum			KSN	Ah/A (EN) KSN

FIAT

Barchetta 1.8 [183]	01.95–02.05		45/400	45		
Brava 1.2/1.4/1.6 [182]	10.95–09.01		45/400	45		
Bravo 1.2/1.4/1.6 [182]	10.95–09.01		45/400	45		
Bravo 1.4 [198]	03.10–12.14		45/400	45		
Coupé 1.8/2.0 [175]	10.96–09.00		45/400	45		
Doblo 1.4 [263]	02.10z →		56/480	55		
Doblo 1.6 [223]	10.01–09.05		45/400	45		
Doblo Cargo 1.4 [263]	02.10z →		56/480	55		
Ducato Maxi 17 130 Multijet [250]	06.06–12.14		90/720	85	95/800	95
Ducato Maxi 20 130 Multijet [250]	06.06–12.14		90/720	85	95/800	95
Ducato 10 1.9 D; TD [230]	04.98–10.01		90/720	85	95/800	95
Ducato 10 2.5 D [230]	03.94–03.98		90/720	85	95/800	95
Ducato 10 2.8 D; TD EGR [230]	10.97–03.02		90/720	85	95/800	95
Ducato 11 2.0/2.3 JTD [244]	04.02–08.06		95/800	95		
Ducato 11 120 Multijet [250]	06.06–12.14		95/800	95		
Ducato 11 130 Multijet [250]	06.06–12.14		90/720	85	95/800	95
Ducato 11 150 Multijet [250]	06.11–12.14	SSJ	95/800	95		
Ducato 14 1.9 TD [230]	03.94–10.01		90/720	85	95/800	95
Ducato 14 2.5 D [230]	03.94–03.98		90/720	85	95/800	95
Ducato 14 2.8 D; JTD; JTD EGR [230]	04.98–03.02		90/720	85	95/800	95
Ducato 14 130 MultiJet [290]	06.16z →	SSJ	95/800	95		
Ducato 15 2.0/2.3/2.8 JTD; JTD CGV; JTD EGR [244]	04.02–08.06		95/800	95		
Ducato 15 120 Multijet [250]	06.06–12.14		95/800	95		
Ducato 15 130 Multijet [250]	06.06–12.14		90/720	85	95/800	95
Ducato 17 130 Multijet [250]	06.06–12.14		90/720	85	95/800	95
Ducato 18 2.3/2.8 JTD; JTD CGV [244]	04.02–08.06		95/800	95		
Ducato 18 2.5 D [230]	03.94–03.98		90/720	85	95/800	95
Ducato 18 2.8 TD; TD EGR [230]	10.97–03.02		90/720	85	95/800	95
Fiorino 1.3/1.4 [225]	06.10z →		45/400	45		
Fiorino 1.4 [146]	06.95–12.01		45/400	45		
Fiorino 1.7 TDS [146]	02.97–12.01		70/640	75		
Grande Punto 1.3 MultiJet [199]	04.10–12.11		45/400	45		
Idea 1.2 [350]	01.04–12.12		45/400	45		
Marea 1.6/1.8 [185]	10.96–09.02		45/400	45		
Multipia 1.6 [186]	01.99–12.10		45/400	45		
Palio Weekend 75 [178]	09.97–09.01		45/400	45		
Panda 1.3/1.4 [169]	01.09–12.12		45/400	45		
Qubo 1.3/1.4 [300]	09.08z →		45/400	45		
Scudo 1.6 [220]	10.95–05.00		56/480	55		
Scudo 1.6 MultiJet [270]	03.12–04.16		70/640	75		
Scudo 1.9/2.0 D; TD; 8V JTD; 16V JTD [220]	10.95–01.07		70/640	75		
Stilo 1.2/1.4/1.6/1.8 [192]	10.01–12.07		45/400	45		
Stilo Multi Wagon 1.6/1.8 [192]	10.02–12.07		45/400	45		
Ulysse 2.0 [220]	09.94–09.02		56/480	65		

FORD

C-MAX 1.0 [DXA]	10.12–03.15		45/400	45		
Galaxy 1.9 [WGR]	09.96–03.00	VAD	90/720	85		
Galaxy 2.0/2.3 [WGR]	02.95–03.00	VAD	56/480	65		
Galaxy 2.8 [WGR]	04.98–03.00	VAD	90/720	85		
Galaxy 2.8 [WGR]	04.00–08.06		90/720	85	95/800	95
Ka 1.3 TDCi [JD]	09.08–12.14		56/480	55		
Transit FT 290 2.2 TDCi	01.14–12.16		95/800	95		
Transit FT 300 2.2 TDCi	09.11–12.13	SSJ	95/800	95		
Transit FT 310 2.2 TDCi	01.14z →		95/800	95		
Transit FT 310 2.2 TDCi	09.11–12.13	SSJ	95/800	95		
Transit FT 310 2.2 TDCi	01.14–12.16		95/800	95		
Transit FT 370/FT 410 2.2 TDCi	01.14–12.16		95/800	95		
Transit FT 430/FT 460 2.2 TDCi	09.11–12.13	SSJ	95/800	95		
Transit FT 430/FT 460 2.2 TDCi	01.14–12.16		95/800	95		
Transit FT 470 2.2 TDCi	01.14–12.16		95/800	95		

HONDA

Accord Sedan 2.2 CTDi [CL/CN/CM]	01.04–06.08		70/640	75		
Accord Tourer 2.2 CTDi [CL/CN/CM]	01.04–08.08		70/640	75		
CR-V 2.0 [RE]	09.06–12.12		45/400	45		
CR-V 2.2 CTDi 4x4 [RE]	01.07–12.09		70/640	75		

- AHB Achtung: Keine abweichende Kapazität (Ah) zur vorher verwendeten Batterie verbauen. Sonst reicht das Anmelden am Steuergerät nicht aus, sondern es wird ein Flashen des Steuergeräts notwendig.
- BWD Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- SSJ Für Fahrzeuge mit Start-Stopp-Funktion
- VAD VW-Bodenleistenadapter erforderlich



Fahrzeugtyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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HYUNDAI

Accent 1.4 [MC, MCT]	04.06 – 11.10		45/400	45		
Accent Hatchback 1.3 [LC]	08.99 – 03.06		45/400	45		
Accent Hatchback 1.4 [MC, MCT]	04.06 – 02.12		45/400	45		
Elantra 1.6 [XD]	06.00 – 08.06		45/400	45		
Getz 1.1/1.3/1.4 [TB]	09.02 – 02.10		45/400	45		
Grandeur 3.3 [TG]	07.05 – 11.10		70/640	75		
i10 1.2 [IA]	09.13z →		45/400	45		
i20 1.25/1.4 [PB, PBT]	01.09 – 08.14		45/400	45		
i30 1.4/1.6/2.0 [FD, FDH]	09.07 – 04.12		45/400	45		
i30 CW 1.4 [GD]	03.12 – 01.15		45/400	45		
i30 CW 1.6 [FD, FDH]	03.08 – 09.12		45/400	45		
i30 CW 1.6 [FD, FDH]	06.98 – 09.00		45/400	45		
i30 CW 1.6 [FD, FDH]	06.98 – 09.00		45/400	45		
Sonata 2.0 [EF]	05.98 – 03.01		56/480	65		
Sonata 2.5 [EF]	05.98 – 03.01		70/640	75		
Trajet 2.0/2.7 [FO]	01.00 – 06.07		56/480	65		

JEEP

Cherokee 2.4 [KJ]	03.01 – 12.07		70/640	75		
Grand Cherokee 2.7 CRD [WG]	10.01 – 12.04	VAD	95/800	95		
Grand Cherokee 3.0 CRD [WH]	03.05 – 10.11		95/800	95		
Grand Cherokee 3.0 CRDi 4x4 [WK2]	04.11z →		95/800	95		
Wrangler 2.8 CRD [JK]	01.07 – 08.18	SSJ	95/800	95		

KIA

Carens 2.0 [RP]	01.13z →		56/480	65		
Cee'd GT 1.6 [JD]	10.13z →		45/400	45		
Cerato 2.0 [FE]	04.04 – 11.09		56/480	65		
Cerato Hatchback 1.6/2.0 [FE]	04.04 – 11.09		56/480	65		
Magentis 2.5 [GD]	09.00 – 12.05		56/480	65		
Shuma I 1.5 [FB]	01.98 – 12.00		56/480	55		
Shuma I Hatchback 1.5 [FB]	01.98 – 12.00		56/480	55		
Sorento 2.2 CRDi [UM]	02.15z →	SSJ	95/800	95		
Sorento 2.2 CRDi 4x4 [UM]	02.15z →		95/800	95		
Soul 1.6 [PS]	03.14z →		45/400	45		
Soul 1.6 CRDi [PS]	03.14z →		56/480	55		

LANCIA

Delta 1.4 [844]	07.08 – 08.14		45/400	45		
Delta 1.9 MultiJet [844]	08.08 – 08.14		70/640	75		
Kappa Berlina 2.0 [838]	06.96 – 06.98		56/480	65		
Lybra Station Wagon 1.9/2.4 JTD [839]	06.01 – 11.06		56/480	65		
Musa 1.4 [350]	03.05 – 12.12		45/400	45		
Thema 3.0 CRD	11.11 – 12.14		95/800	95		

LAND ROVER

Defender 90 2.2/2.4 Td4	05.07 – 02.16		95/800	95		
Defender 110 2.2/2.4 Td4	08.07 – 02.16		95/800	95		
Defender 130 2.2/2.4 Td4	08.07 – 02.16		95/800	95		
Discovery III 2.7 TDV6 [TAA]	09.04 – 08.09		95/800	95		
Discovery IV 2.7 TDV6 [LA]	09.09 – 08.10		95/800	95		
Discovery IV 3.0 TDV6 [LA]	09.09z →		95/800	95		
Freelander I 2.0 D [LN]	09.97 – 09.03		70/640	75		
Freelander I 2.5 [LN]	09.01 – 10.06		56/480	65		
Range Rover III 3.0/3.6/4.2/4.4 [LM, L322]	03.02 – 08.09		95/800	95		
Range Rover III 4.4 TDV8 [LM, L322]	09.10 – 01.13		95/800	95		
Range Rover IV 3.0/4.4/5.0 [LG, L405]	02.13z →		95/800	95		
Range Rover Sport 2.7/3.0/3.6 SDV6; TD; TDV6 [LS, L320]	03.05 – 08.13		95/800			
Range Rover Sport 3.0 SDV6; TDV6 [LW, L494]	09.13z →	SSJ	95/800	95		
Range Rover Sport 4.4 SDV8 [LW, L494]	01.14z →		95/800	95		
Range Rover Sport 5.0 [LW, L494]	09.13z →	SSJ	95/800	95		
Range Rover Velar D300 AWD [L560]	08.17z →	SSJ	95/800	95		

MAZDA

CX-7 2.3 [ER]	05.07z →		70/640	75		
Tribute 2.3/3.0 [EP]	04.01 – 09.09		56/480	65		
2 1.3 [DE]	06.07 – 10.14		56/480	55		
2 1.4 CD [DE]	08.07 – 09.10		56/480	55		
121 1.25/1.3 [JA/JB]	01.96 – 01.02		56/480	55		

Fahrzeu	g	typ	Einbau-	SOFA	Ah/A (EN)	CARTEC	Alternativ
			datum			KSN	Ah/A (EN) KSN

MERCEDES-BENZ

Serie C 63 AMG [204]	02.08 – 12.14	SSJ	95/800	95		
Serie C 63 AMG/300 [205]	09.14z →	SSJ	95/800	95		
Serie C 180 CDI [204]	10.10 – 12.14	SSJ	95/800	95		
Serie C 200 [202]	01.94 – 04.00		56/480	65		
Serie C 200/220 CDI [204]	01.07 – 12.14		95/800	95		
Serie C 220 D [202]	08.93 – 06.99	BAW	95/800	95		
Serie C 230/240 [202]	09.95 – 04.00		56/480	65		
Serie C 250/300 CDI 4MATIC [204]	04.10 – 12.14	SSJ	95/800	95		
Serie C 280 [202]	06.97 – 04.00		70/640	75		
Serie C 320 CDI; CDI 4MATIC [204]	06.07 – 04.09		95/800	95		
Serie C 350 CDI [204]	09.08 – 12.14	SSJ	95/800	95		
Serie C (Coupé) 63 AMG [204]	07.11 – 12.14	SSJ	95/800	95		
Serie C (T-Modell) 32 AMG/200 [203]	01.01 – 08.07		95/800	95		
Serie C (T-Modell) 63 AMG/180 [204]	02.08 – 12.14	SSJ	95/800	95		
Serie C (T-Modell) 63 AMG/300 [205]	10.14z →	SSJ	95/800	95		
Serie C (T-Modell) 200/220 CDI [204]	09.07 – 10.09		95/800	95		
Serie C (T-Modell) 200/220 CDI [204]	01.11 – 12.14	SSJ	95/800	95		
Serie C (T-Modell) 200/220 CDI 4MATIC [204]	01.11 – 12.14	SSJ	95/800	95		
Serie C (T-Modell) 230 [202]	06.97 – 02.01		56/480	65		
Serie C (T-Modell) 250/300 CDI; CDI 4MATIC [204]	04.09 – 12.14	SSJ	95/800	95		
Serie C (T-Modell) 320 CDI; CDI 4MATIC [204]	09.07 – 04.09		95/800	95		
Serie C (T-Modell) 350 CDI 4MATIC [204]	10.09 – 08.11	SSJ	95/800	95		
Serie CL (Coupé) 63 AMG [216]	01.07 – 07.10		95/800	95		
Serie CL (Coupé) 500 [140]	06.96 – 08.99		90/720	85	95/800	95
Serie CL (Coupé) 500 [216]	06.06 – 07.10		95/800	95		
Serie CL (Coupé) 500 [216]	07.10 – 12.14	SSJ	95/800	95		
Serie CL (Coupé) 500/600 [215]	09.99 – 05.06		95/800	95		
Serie CL (Coupé) 600 [140]	06.96 – 08.99		90/720	85	95/800	95
Serie CL (Coupé) 600 [216]	09.06 – 12.14		95/800	95		
Serie CLK (Cabrio) 320 CDI [209]	04.05 – 12.09		90/720	85	95/800	95
Serie CLK (Cabrio) 430 [208]	09.98 – 01.03		95/800	95		
Serie CLK (Coupé) 220/270/320 CDI [209]	09.02 – 04.09		95/800	95		
Serie CLK (Coupé) 430 [208]	09.98 – 04.02		95/800	95		
Serie CLS (Coupé) 55 AMG/63 AMG [219]	06.04 – 02.11	AGM, BWD	95/800	95		
Serie CLS (Coupé) 63 AMG/350/400/500 [218]	10.10z →	SSJ	95/800	95		
Serie CLS (Coupé) 280 [219]	01.08 – 04.09		95/800	95		
Serie CLS (Coupé) 320 CDI [219]	05.05 – 04.09	AGM, BWD	95/800	95		
Serie CLS (Coupé) 350 [219]	06.04 – 09.10	AGM, BWD	95/800	95		
Serie CLS (Coupé) 350 CDI [219]	05.09 – 12.10	AGM	95/800	95		
Serie CLS (Coupé) 500 [219]	06.04 – 08.11	AGM, BWD	95/800	95		
Serie CLS (Shooting Brake) 250/350/400/500 [218]	06.12z →	SSJ	95/800	95		
Serie E 43 AMG/63 AMG/200/220/250/300/350/400 [213]	01.16z →	SSJ	95/800	95		
Serie E 55 AMG/200/220/230/240/270/280/300/320/350/400/420/500 [211]	03.02 – 03.09	AGM, BWD	95/800	95		
Serie E 63 AMG [212]	04.09 – 08.16	SSJ	95/800	95		
Serie E 200/220/250/300 [212]	01.11 – 08.16	SSJ	95/800	95		
Serie E 300 BlueTec; CDI [212]	12.09 – 08.16	SSJ	95/800	95		
Serie E 300 BlueTec Hybrid [212]	04.12 – 08.16		95/800	95		
Serie E 350 [212]	04.09 – 12.11		95/800	95		
Serie E 350 BlueTec; BlueTec 4MATIC; CDI; CDI 4MATIC [212]	08.08 – 08.16	SSJ	95/800	95		
Serie E 400/500 [212]	01.09 – 09.16	SSJ	95/800	95		
Serie E All-Terrain (T-Modell) 220 d 4MATIC [213]	01.17z →	SSJ	95/800	95		
Serie E (Cabrio) 200/250/300/320/350/400/500 [207]	01.10z →	SSJ	95/800	95		
Serie E (Cabrio) 320 [124]	05.93 – 06.98		70/640	75		
Serie E (Coupé) 200/220/300/400 [238]	12.16z →	SSJ	95/800	95		
Serie E (Coupé) 200/250 [207]	01.13z →	SSJ	95/800	95		
Serie E (Coupé) 320 [124]	07.93 – 06.98		70/640	75		
Serie E (Coupé) 350 BlueTec; CDI [207]	04.11 – 08.15	SSJ	95/800	95		
Serie E (Coupé) 500 [207]	02.09 – 01.11	SSJ	95/800	95		
Serie E (T-Modell) 43 AMG/200/220/250/350/400 [213]	06.16z →	SSJ	95/800	95		
Serie E (T-Modell) 55 AMG/200/220/230/240/270/280/320/350/500 [211]	02.03 – 08.09	AGM, BWD	95/800	95		
Serie E (T-Modell) 63 AMG/200/220/250/300/350/400/500 [212]	08.09 – 08.16	SSJ	95/800	95		
Serie E (T-Modell) 430 [210]	09.97 – 07.99		95/800	95		

- AGM

Für dieses Fahrzeug nur AGM (Absorbent Glass Mat)-Batterie verwenden.
- BWD

Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- SSJ

Für Fahrzeuge mit Start-Stopp-Funktion
- VAD

VW-Bodenleistenadapter erforderlich



Fahrzeugtyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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MERCEDES-BENZ

Serie G 55 AMG [463]	04.04 – 08.11		90/720	85	95/800	95
Serie G 63 AMG [463]	04.12z →	SSJ	95/800	95		
Serie G 270 CDI [463]	10.01 – 08.06		95/800	95		
Serie G 290 DT [461]	04.97 – 09.01	ZE	90/720	85	95/800	95
Serie G 300 CDI [461]	09.09z →	SSJ	95/800	95		
Serie G 300 D Turbo [463]	09.96 – 11.00		90/720	85	95/800	95
Serie G 320 CDI [463]	09.06 – 12.09		90/720	85	95/800	95
Serie G 350 BlueTec; d [463]	07.10z →	SSJ	95/800	95		
Serie G 400 CDI [463]	12.00 – 08.06		95/800	95		
Serie G 500 [463]	06.98 – 09.05		90/720	85		
Serie G 500 [463]	06.08 – 12.15		95/800	95		
Serie G 500 [463]	07.15 – 12.17	SSJ	95/800	95		
Serie GL 63 AMG/350/500 [166]	08.12 – 08.16	SSJ	95/800	95		
Serie GL 320 CDI 4MATIC [164]	02.06 – 04.09		95/800	95		
Serie GL 350 CDI 4MATIC [164]	05.09 – 12.12	SSJ	95/800	95		
Serie GL 420 CDI 4MATIC [164]	02.06 – 04.09		95/800	95		
Serie GL 450 [164]	02.06 – 12.12		95/800	95		
Serie GL 450 CDI 4MATIC [164]	05.09 – 12.12	SSJ	95/800	95		
Serie GL 500 [164]	02.06 – 12.12		95/800	95		
Serie GLE 43 AMG/63 AMG/250/ 350/400/450 AMG/500 [166]	04.15z →	SSJ	95/800	95		
Serie GLE (Coupé) 63 AMG [292]	04.15z →	SSJ	95/800	95		
Serie GLK 350 [204]	04.09 – 08.15	SSJ	95/800	95		
Serie GLS 350/400/500 [166]	09.15z →	SSJ	95/800	95		
Serie ML 55 AMG [163]	03.00 – 06.05		95/800	95		
Serie ML 63 AMG [164]	02.06 – 08.11	AGM	95/800	95		
Serie ML 63 AMG [166]	08.11 – 08.15		95/800	95		
Serie ML 230 [163]	03.98 – 06.00		90/720	85	95/800	95
Serie ML 250 CDI BlueTec 4MATIC [166]	06.11 – 08.15	SSJ	95/800	95		
Serie ML 270 [163]	11.99 – 06.05		95/800	95		
Serie ML 280 CDI 4MATIC [164]	07.05 – 04.09	AGM	95/800	95		
Serie ML 300 CDI 4MATIC [164]	05.09 – 07.11	SSJ	95/800	95		
Serie ML 320 CDI 4MATIC [164]	03.05 – 04.09	AGM	95/800	95		
Serie ML 320/350 [163]	03.98 – 06.05		95/800	95		
Serie ML 350 [164]	09.05 – 06.11	AGM	95/800	95		
Serie ML 350 [166]	06.11 – 08.15	SSJ	95/800	95		
Serie ML 350 BlueTec 4MATIC [164]	05.09 – 08.11		95/800	95		
Serie ML 350 BlueTec 4MATIC [166]	06.11 – 08.15	SSJ	95/800	95		
Serie ML 350 CDI 4MATIC [164]	05.09 – 08.11		95/800	95		
Serie ML 400 [163]	09.01 – 06.05		95/800	95		
Serie ML 420 CDI 4MATIC [164]	02.06 – 04.09	AGM	95/800	95		
Serie ML 430 [163]	09.98 – 07.02		90/720	85		
Serie ML 430/500 [163]	09.98 – 06.05		95/800	95		
Serie ML 500 [164]	09.05 – 07.11	AGM	95/800	95		
Serie ML 500 [166]	02.12 – 08.15		95/800	95		
Serie R 280 CDI; CDI 4MATIC [251]	04.06 – 04.09	AGM	95/800	95		
Serie R 300 CDI [251]	05.09 – 10.12	SSJ	95/800	95		
Serie R 320 CDI 4MATIC [251]	09.05 – 04.09	AGM	95/800	95		
Serie R 350 [251]	09.05 – 10.12	AGM	95/800	95		
Serie R 350 CDI 4MATIC [251]	05.09 – 10.12	SSJ	95/800	95		
Serie R 500 [251]	02.06 – 10.12	AGM	95/800	95		
Serie S 63 AMG/350/400/500/600 [222]	05.13z →	SSJ	95/800	95		
Serie S 280 [140]	06.93 – 09.98		90/720	85	95/800	95
Serie S 320 [140]	05.93 – 02.99		90/720	85	95/800	95
Serie S 320 [220]	10.98 – 08.02		95/800	95		
Serie S 320 CDI [220]	10.98 – 08.02		90/720	85		
Serie S 320 CDI [220]	06.99 – 08.05	AGM	95/800	95		
Serie S 320 CDI [221]	12.05 – 04.09	AGM	95/800	95		
Serie S 320 CDI 4MATIC [221]	12.05 – 04.09	AGM	95/800	95		
Serie S 350 [220]	09.02 – 08.05	AGM	95/800	95		
Serie S 350 [221]	09.05 – 12.13	AGM	95/800	95		
Serie S 350 BlueTec; BlueTec 4MATIC; CDI; CDI 4MATIC [221]	05.09 – 12.13	SSJ	95/800	95		
Serie S 400 [221]	04.09 – 12.13	SSJ	95/800	95		
Serie S 400 CDI [220]	06.99 – 08.03		90/720	85	95/800	95
Serie S 420 [140]	06.93 – 09.98		90/720	85	95/800	95
Serie S 420 CDI [221]	12.06 – 04.09	AGM	95/800	95		
Serie S 430 [220]	10.98 – 08.06		90/720	85	95/800	95
Serie S 450 CDI [221]	06.06 – 08.11	AGM	95/800	95		
Serie S 500 [140]	06.93 – 09.98		90/720	85	95/800	95
Serie S 500 [220]	10.98 – 08.06		90/720	85	95/800	95
Serie S 500 [221]	09.05 – 01.11	AGM	95/800	95		
Serie S 600 [140]	06.93 – 09.98		90/720	85	95/800	95
Serie S 600 [220]	09.02 – 01.06	AGM	95/800	95		
Serie S 600 [221]	12.05 – 06.13	AGM	95/800	95		
Serie S (Cabrio) 63 AMG/500 [217]	12.15z →	SSJ	95/800	95		
Serie S (Coupé) 63 AMG/500 [217]	02.14z →	SSJ	95/800	95		
Serie SL 63 AMG [230]	01.08 – 08.12		95/800	95		
Serie SL 63 AMG [231]	01.12 – 08.14		95/800	95		
Serie SL 63 AMG [231]	09.14z →	SSJ	95/800	95		

Fahrzeugtyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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MERCEDES-BENZ

Serie SL 280/320/500/600 [129]	07.93 – 08.01	BAW	95/800	95		
Serie SL 350/400/500 [231]	02.12z →	SSJ	95/800	95		
Serie SLR (Coupé) AMG [190]	10.14 – 12.16	SSJ	95/800	95		
Serie SLS (Coupé) 6.2 AMG [197]	11.09 – 12.14		95/800	95		
Serie SLS (Roadster) 6.2 AMG [197]	06.11 – 12.14		95/800	95		
Serie V 200 CDI [638]	06.99 – 09.03		90/720	85	95/800	95
Serie V 200/220/250 BlueTec; CDI [447]	04.14z →	SSJ	95/800	95		
Serie V 220 CDI [638]	06.99 – 09.03		90/720	85	95/800	95
Serie V 230 TD [638]	04.96 – 09.03		90/720	85	95/800	95
Serie V 280 [638]	04.96 – 09.03		90/720	85	95/800	95
Sprinter 213/216 CDI [NCV3]	04.06z →	SSJ	95/800	95		
Sprinter 218 CDI [NCV3]	04.06 – 03.09		95/800	95		
Sprinter 219/311/313 CDI [NCV3]	04.06z →	SSJ	95/800	95		
Sprinter 310/312/412 D [T1N]	02.95 – 03.00		95/800	95		
Sprinter 316 [NCV3]	09.08z →		90/720	85		
Sprinter 316 CDI [NCV3]	03.09z →	SSJ	95/800	95		
Sprinter 318 CDI [NCV3]	04.06 – 03.09		95/800	95		
Sprinter 319/414/416 CDI [NCV3]	03.09z →	SSJ	95/800	95		
Sprinter 511 CDI [NCV3]	04.06 – 09.11		95/800	95		
Sprinter 516 CDI [NCV3]	03.09z →	SSJ	95/800	95		
Sprinter 518 CDI [NCV3]	04.06 – 03.09		95/800	95		
Sprinter 519 CDI [NCV3]	03.09z →	SSJ	95/800	95		
Sprinter (James Cook) 310/312 D [T1N]	02.95 – 03.00		95/800	95		
Viano 2.0/2.2/3.0/3.5 [639]	09.03 – 12.14		95/800	95		
Vito 108 D [638]	11.95 – 09.03		90/720	85	95/800	95
Vito 109/111/114/116/119 CDI; CDI BlueTEC [447]	09.14z →	SSJ	95/800	95		
Vito 110 CDI; D [638]	11.95 – 09.03		90/720	85	95/800	95
Vito 112 CDI [638]	04.99 – 09.03		90/720	85	95/800	95
Vito 120 CDI [639]	04.06 – 07.10		95/800	95		

MINI (BMW)

Cooper Cabrio 1.6 [R 52]	07.04 – 07.08		45/400	45		
Cooper Countryman 2.0 D; D ALL4 [R 60]	03.11 – 10.16	SSJ	95/800	95		
Cooper One 1.4 D [R 50]	03.03 – 09.05		70/640	75		
Cooper One Cabrio 1.6 [R 52]	07.04 – 07.08		45/400	45		
John Cooper Works Cabrio 1.6 [R 52]	08.04 – 07.08		45/400	45		

MITSUBISHI

Carisma 1.6 [DA]	05.96 – 12.03		56/480	55		
Carisma 1.8 [DA]	05.96 – 02.99		70/640	75		
Carisma Hatchback 1.6 [DA]	05.95 – 12.03		56/480	55		
Carisma Hatchback 1.8 [DA]	05.95 – 02.99		70/640	75		
Lancer 1.6 [CS/CT]	06.03 – 04.10		56/480	55		
Lancer Station Wagon 1.6/2.0 [CS/CT]	06.03 – 06.08		56/480	65		
Pajero Pinin 1.8/2.0 [H]	10.99 – 02.05		56/480	65		
Spacestar 1.3/1.6 [DG]	06.98 – 12.04		56/480	55		
Spacestar 1.8/1.9 [DG]	08.98 – 12.04		70/640	75		

NISSAN

Interstar 2.2 dCi 90 [X70]	07.02 – 06.10		95/800	95		
Maxima QX 2.0/3.0 [CA33]	01.00 – 01.06		70/640	75		
Navara 2.5 dCi 4x4 [D40]	05.05 – 12.09		70/640	75		
NV400 2.3 dCi [X62]	07.14z →		95/800	95		
NV400 2.3 dCi 130 FWD; dCi 130 RWD; dCi 170 [X62B]	09.16z →	SSJ	95/800	95		
Pathfinder 2.5 dCi 4x4 [R51]	01.05 – 12.09		70/640	75		
Primastar 2.0/2.5 dCi 90; dCi 115; dCi 150 [X83]	10.06z →		70/640	75		
Primera Hatchback 1.6/1.8/2.0 [P11E]	06.96 – 12.01		56/480	65		
Primera Sedan 1.6/1.8/2.0 [P11E]	06.96 – 12.01		56/480	65		
Primera Wagon 1.6/1.8/2.0 [WP11E]	01.98 – 12.01		56/480	65		
Qashqai 1.5 dCi [J10]	12.06 – 12.13		70/640	75		
Qashqai 2.0 dCi; dCi 4x4 [J10]	04.07 – 12.13	BWD	70/640	75		
Qashqai+2 1.5 dCi [JJ10]	08.08 – 12.13	BWD	70/640	75		
Qashqai+2 2.0 dCi; dCi 4x4 [JJ10]	08.08 – 12.13	BWD	70/640	75		
Tiida Hatchback 1.6/1.8 [C11]	03.07z →		56/480	65		
X-Trail 2.0 [T30]	06.01 – 03.07		70/640	75		

OPEL

Adam 1.4	09.13z →		45/400	45		
Ampera 1.4	10.11 – 12.15		56/480	55		
Antara 2.0 CDTI; CDTI 4X4	03.16 – 12.17	OSSJ	95/800	95		
Antara 2.0 CDTI; CDTI 4X4		SSJ	90/720	85		

- AGM

Für dieses Fahrzeug nur AGM (Absorbent Glass Mat) -Batterie verwenden.
- BAW

Bei Einbau der Alternativtype, Batteriewanne auswechseln
- BWD

Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- OSSJ

Für Fahrzeuge ohne Start-Stopp-Funktion
- SSJ

Für Fahrzeuge mit Start-Stopp-Funktion
- ZE

Zwei Batterien erforderlich



Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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OPEL

Antara 2.2 CDTi; CDTi 4x4	11.10 – 12.17	SSJ	95/800	95		
Astra 1.6 CDTi [J]	12.13z →		70/640	75		
Corsa 1.2 [D]	09.09 – 12.11		45/400	45		
Corsa 1.4 [D]	07.06 – 11.10		45/400	45		
Frontera 2.0/2.2 [A]	02.95 – 08.98		70/640	75		
Frontera 2.2/3.2 [B]	09.98 – 09.04		70/640	75		
Insignia 1.6 [A]	07.13 – 12.17	SSJ	95/800	95		
Insignia 2.0 CDTi [A]	09.08 – 12.17		70/640	75		
Insignia 2.0 CDTi [A]	09.13 – 12.17	SSJ	95/800	95		
Insignia Sports Tourer 1.6 [A]	07.13 – 12.17	SSJ	95/800	95		
Insignia Sports Tourer 2.0 CDTi [A]	09.13 – 12.17	SSJ	95/800	95		
Insignia Sports Tourer 2.0 CDTi; CDTi 4x4 [A]	02.09 – 12.17		70/640	75		
Movano 1.9 D; DTi [A]	01.99 – 10.05		90/720	85		
Movano 2.2 DTi [A]	09.00 – 10.05		90/720	85		
Movano 2.2 DTi [A]	03.01 – 10.05		95/800	95		
Movano 2.3 CDTi [B]	04.10z →	SSJ	95/800	95		
Movano 2.5 D; DTi [A]	10.98 – 06.10		90/720	85		
Movano 2.8 DTi [A]	06.98 – 10.01		90/720	85		
Movano 2.8 DTi [A]	06.99 – 09.02		95/800	95		
Movano 3.0 CDTi [A]	03.03 – 10.05		90/720	85		
Signum 3.0 CDTi	09.05 – 09.08		90/720	85		
Vectra 1.6/1.8 [C]	09.01 – 10.08		56/480	65		
Vectra Caravan 1.8 [C]	09.03 – 10.08		56/480	65		
Vectra Caravan 3.0 CDTi [C]	08.05 – 10.08		90/720	85		
Vivaro 1.9 CDTi; DTi [A]	03.01 – 08.06		90/720	85		
Vivaro 2.0 CDTi [A]	08.06 – 08.14		70/640	75		
Vivaro 2.5 CDTi [A]	08.06 – 08.14		70/640	75	95/800	95

PEUGEOT

Bipper 1.4 [A9]	04.10 – 12.18		45/400	45		
Bipper 1.4 HDi [A9]	02.08 – 12.18		56/480	55		
Boxer 2.0/2.2 HDi [U5]	02.02 – 12.06		70/640	75		
Boxer 2.2 HDi [U9]	06.11 – 12.15	SSJ	95/800	95		
Boxer 2.5 D; TDi [U3]	02.94 – 02.02		70/640	75	95/800	95
Boxer 2.8 HDi [U3]	09.00 – 02.02		90/720	85		
Boxer 2.8 HDi [U5]	02.02 – 05.06		90/720	85	95/800	95
Boxer 3.0 HDi [U9]	06.06 – 12.15		95/800	95		
Expert 1.6/2.0 HDi [G9]	02.07 – 12.16		70/640	75		
Expert 2.0 HDi [U64]	10.99 – 01.07		70/640	75		
Partner Electric [B9]	09.12z →		45/400	45		
Partner 1.1/1.4/1.6/1.8 [M4]	07.96 – 08.02		45/400	45		
Partner 1.6 [M5]	09.02 – 04.08		45/400	45		
RCZ R 1.6 [T75]	09.13 – 12.15		56/480	55		
106 1.4/1.6 [S2]	05.96 – 05.05		45/400	45		
205 1.1/1.4/1.6	07.88 – 09.98		45/400	45		
205 1.9 D	10.87 – 09.98		70/640	75		
206 1.4/1.6 [T1]	06.98 – 03.09		45/400	45		
206 1.6/2.0 [T1]	01.99 – 03.07		56/480	65		
206+ 1.4 [T3E]	03.09 – 09.10		45/400	45		
206 CC 1.6 [T1]	09.00 – 03.07		45/400	45		
206 CC 1.6/2.0 [T1]	09.00 – 03.07		56/480	65		
206 SW 1.4 [T1]	03.02 – 12.06		45/400	45	56/480	55
206 SW 1.6 [T1]	03.02 – 12.06		45/400	45		
206 SW 1.6/2.0 [T1]	03.02 – 12.06		56/480	65		
207 1.4 [A7]	05.06 – 12.11	BWD	45/400	45	56/480	55
207 1.6 [A7]	05.06 – 08.07	BWD	45/400	45		
207 1.6 [A7]	05.06 – 04.11	BWD	56/480	65		
207+ 1.4	11.12 – 06.15	BWD	45/400	45		
207 CC 1.6 [A7]	03.07 – 09.13	BWD	56/480	55		
207 CC 1.6 HDi [A7]	03.07 – 02.11	BWD	70/640	75		
207 SW 1.4/1.6 [A7]	06.07 – 12.13	BWD	45/400	45		
207 SW 1.6 HDi [A7]	06.07 – 04.11	BWD	56/480	55		
208 1.6	09.12 – 04.15		56/480	55		
306 1.4/1.6/1.8 [N5]	05.97 – 10.03		45/400	45		
306 2.0 HDi [N5]	06.99 – 10.03		56/480	65		
306 Break 1.4/1.6/1.8 [N5]	05.97 – 03.02		45/400	45		
306 Break 2.0 HDi [N5]	06.99 – 03.02		56/480	65		
306 Cabriolet 1.6/1.8/2.0 [N5]	05.97 – 10.03		45/400	45		
307 2.0 [T5]	08.00 – 05.05		56/480	65		
307 2.0 [T6]	06.05 – 08.07		56/480	65		
307 Break/SW 2.0 [T5]	03.02 – 05.05		56/480	65		
307 Break/SW 2.0 [T6]	06.05 – 05.08		56/480	65		
307 CC 2.0 [T5]	10.03 – 05.05		56/480	65		
307 CC 2.0 [T6]	06.05 – 03.09		56/480	65		
308 1.2/1.6/2.0 [T9]	07.13z →		56/480	65		
308 1.4/1.6 [T7]	09.07 – 06.13	BWD	56/480	55		
308 1.6/2.0 HDi [T7]	09.07 – 06.13	BWD	70/640	75		
308 SW 1.2/1.6 [T9]	01.14z →		56/480	55		
406 1.8/2.0 [D8]	10.95 – 03.99		45/400	45		
406 1.8/2.0 [D9]	04.99 – 06.04		45/400	45		
406 2.0 HDi [D9]	04.99 – 06.04		56/480	65		
406 Break 1.8 [D8]	10.96 – 03.99		45/400	45		
406 Break 1.8/2.0 [D9]	04.99 – 06.04		45/400	45		

Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN) KSN
PEUGEOT					
406 Break 2.0/2.2 HDi [D9]	04.99–06.04		56/480	65	
406 Coupé 2.0 [D8]	03.97–03.99		45/400	45	
406 Coupé 2.0 [D9]	04.99–02.05		45/400	45	
406 Coupé 2.2/3.0 [D9]	04.99–02.05		56/480	65	
407 1.6 HDi [D2]	05.04–02.11	BWD	70/640	75	
407 1.8 [D2]	05.04–02.11	BWD	45/400	45	
407 2.0 [D2]	05.04–02.11	BWD	56/480	65	
407 2.0 HDi [D2]	05.04–02.11	BWD	70/640	75	
407 2.2 [D2]	05.04–06.09	BWD	56/480	65	
407 2.2 HDi [D2]	05.06–07.10	BWD	70/640	75	
407 Coupé 2.2 [D2]	10.05–06.09	BWD	56/480	65	
407 Coupé 2.7 HDi [D2]	10.05–06.09	BWD	70/640	75	
407 Coupé 3.0 [D2]	10.05–06.09	BWD	56/480	65	
407 SW 1.6 HDi [D2]	05.04–02.11	BWD	70/640	75	
407 SW 1.8 [D2]	05.04–02.11	BWD	45/400	45	
407 SW 2.0 [D2]	05.04–02.11	BWD	56/480	65	
407 SW 2.0 HDi [D2]	05.04–02.11	BWD	70/640	75	
407 SW 2.2 [D2]	05.04–06.09	BWD	56/480	65	
407 SW 2.2/2.7 HDi [D2]	09.06–07.10	BWD	70/640	75	
407 SW 3.0 [D2]	05.04–12.06	BWD	56/480	65	
508 2.0 HDi [W2]	01.13z →		56/480	65	
508 SW 2.0 Blue HDi; HDi [W2]	01.13z →		56/480	65	
605 2.0 [Y30]	10.89–05.99		45/400	45	
607 2.2/3.0 [Z8]	03.00–11.04		70/640	75	
607 2.7 HDi [Z9]	12.04–12.10		70/640	75	
806 2.0 [U60]	06.94–08.02		56/480	65	
806 2.0 HDi [U60]	08.99–08.02		70/640	75	
807 2.0 [V2]	06.02–05.10		56/480	65	
807 2.0 HDi [V2]	06.02–05.10		70/640	75	
807 2.2 [V2]	06.02–05.06		56/480	65	
807 2.2 HDi [V2]	06.02–05.10		70/640	75	
1007 1.4 [A08]	04.05–02.11		45/400	45	
1007 1.4 HDi [A08]	04.05–01.09		56/480	55	
1007 1.6 [A08]	04.05–02.11		45/400	45	
1007 1.6 HDi [A08]	03.07–02.11		56/480	55	
3008 1.6 HDi [T8]	09.12–12.16		56/480	55	

PORSCHE

Boxster 2.0 [718]	03.16z →	SSJ	95/800	95	
Boxster S 2.5 [718]	03.16z →	SSJ	95/800	95	
Cayenne 3.0 Diesel [92A]	09.10–08.17		95/800	95	
Cayenne 3.0/3.2/3.6 [9PA]	09.02–09.10		95/800	95	
Cayenne 3.6 [92A]	07.10–08.14	SSJ	95/800	95	
Cayenne GTS 4.8 [9PA]	08.07–09.10		95/800	95	
Cayenne GTS 4.8 [92A]	04.12–08.14		95/800	95	
Cayenne S 3.0 [92A]	09.11–05.18	SSJ	95/800	95	
Cayenne S 3.6 [92A]	09.14–05.18		95/800	95	
Cayenne S 4.5/4.8 [9PA]	09.02–09.10		95/800	95	
Cayenne Turbo 4.5/4.8 [9PA]	09.02–08.10		95/800	95	
Cayenne Turbo 4.8 [92A]	09.10–08.14	SSJ	95/800	95	
Cayenne Turbo 4.8 [92A]	09.14–05.18		95/800	95	
Cayenne Turbo S 4.5/4.8 [9PA]	09.05–09.10		95/800	95	
Cayenne Turbo S 4.8 [92A]	09.14–05.18		95/800	95	
Macan 2.0 [95B]	09.15–08.18	SSJ	95/800	95	
Macan GTS 3.0 [95B]	10.15–08.18	SSJ	95/800	95	
Macan S 3.0 [95B]	03.14–08.18		95/800	95	
Macan Turbo 3.6 [95B]	03.14–08.18		95/800	95	
Panamera 3.0 Diesel [970]	08.11–10.16		95/800	95	
Panamera 3.6 [970]	05.10–09.13	SSJ	95/800	95	
Panamera GTS 4.8 [970]	02.12–09.13	SSJ	95/800	95	
Panamera GTS 4.8 [970]	07.13–08.16		95/800	95	
Panamera Hybrid S 3.0 [970]	06.11–10.16		95/800	95	
Panamera S 4.8 [970]	03.09–09.13	SSJ	95/800	95	
Panamera Turbo 4.0 [971]	09.16z →	SSJ	95/800	95	
Panamera Turbo 4.8 [970]	07.13–08.16		95/800	95	
Panamera 4 3.6 [970]	07.13–08.16		95/800	95	
Panamera 4E Hybrid 2.9 [971]	09.16z →	SSJ	95/800	95	
Panamera 4S 2.9/4.0 [971]	09.16z →	SSJ	95/800	95	
Panamera 4S 3.0 [970]	07.13–10.16		95/800	95	
718 Cayman 2.0 [718C]	09.16z →		95/800	95	
718 Cayman S 2.5 [718C]	09.16z →		95/800	95	
911 Carrera 3.0 [991]	11.15z →	SSJ	95/800	95	
911 Carrera 3.4 [991]	12.11–08.16		95/800	95	
911 Carrera 3.4/3.6 [996]	09.97–08.05		70/640	75	
911 Carrera 3.6 [997]	06.08–09.12		70/640	75	
911 Carrera Cabriolet 3.0 [991]	11.15z →	SSJ	95/800	95	
911 Carrera Cabriolet 3.4 [991]	03.12–08.16		95/800	95	
911 Carrera Cabriolet 3.4 [996]	02.98–08.99		70/640	75	
911 Carrera Cabriolet 3.6 [997]	04.05–09.12		70/640	75	
911 Carrera GTS 3.0 [991]	01.17z →	SSJ	95/800	95	

BWD Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.

SSJ Für Fahrzeuge mit Start-Stopp-Funktion



Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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PORSCHE

911 Carrera GTS 3.8 [991]	09.14–08.16	SSJ	95/800	95		
911 Carrera GTS Cabriolet 3.8 [991]	09.14–08.16	SSJ	95/800	95		
911 Carrera S 3.0 [991]	11.15z →	SSJ	95/800	95		
911 Carrera S 3.8 [991]	11.11–08.16		95/800	95		
911 Carrera S 3.8 [997]	07.04–09.12		70/640	75		
911 Carrera S Cabriolet 3.0 [991]	11.15z →	SSJ	95/800	95		
911 Carrera S Cabriolet 3.8 [991]	03.12–08.16		95/800	95		
911 Carrera S Cabriolet 3.8 [997]	06.08–09.12		70/640	75		
911 Carrera Targa 3.6 [996]	12.01–08.05		70/640	75		
911 Carrera 4 3.0 [991]	11.15z →	SSJ	95/800	95		
911 Carrera 4 3.4 [996]	09.98–08.99		70/640	75		
911 Carrera 4 3.6 [996]	09.01–08.05		70/640	75		
911 Carrera 4 3.6 [997]	08.04–09.12		70/640	75		
911 Carrera 4 Cabriolet 3.0 [991]	11.15z →	SSJ	95/800	95		
911 Carrera 4 Cabriolet 3.4 [991]	11.12–08.16		95/800	95		
911 Carrera 4 Cabriolet 3.4 [996]	09.98–08.99		70/640	75		
911 Carrera 4 Cabriolet 3.6 [996]	09.01–08.05		70/640	75		
911 Carrera 4 Cabriolet 3.6 [997]	08.04–09.12		70/640	75		
911 Carrera 4 GTS 3.0 [991]	01.17z →	SSJ	95/800	95		
911 Carrera 4 GTS Cabriolet 3.8 [991]	09.14–08.16	SSJ	95/800	95		
911 Carrera 4S 3.0 [991]	11.15z →	SSJ	95/800	95		
911 Carrera 4S 3.4/3.8 [991]	11.12–08.16		95/800	95		
911 Carrera 4S 3.6 [993]	09.95–08.98		70/640	75		
911 Carrera 4S 3.8 [997]	10.05–09.12		70/640	75		
911 Carrera 4S Cabriolet 3.0 [991]	11.15z →	SSJ	95/800	95		
911 Carrera 4S Cabriolet 3.8 [991]	11.12–08.16		95/800	95		
911 Carrera 4S Cabriolet 3.8 [997]	10.05–09.12		70/640	75		
911 GT3 3.6 [997 GT3]	03.06–12.08		70/640	75		
911 GT3 3.8 [991]	09.13–08.16	SSJ	95/800	95		
911 GT3 3.8 [997 GT3]	08.09–08.11		70/640	75		
911 GT3 RS 4.0 [991]	03.15z →		95/800	95		
911 Speedster 3.6 [997]	07.04–05.08		70/640	75		
911 Targa 4 3.0 [991]	11.15z →	SSJ	95/800	95		
911 Targa 4 3.6 [997]	07.06–09.12		70/640	75		
911 Targa 4 GTS 3.0 [991]	01.17z →	SSJ	95/800	95		
911 Targa 4S 3.0/3.8 [991]	03.14z →	SSJ	95/800	95		
911 Targa 4S 3.8 [997]	07.06–09.12		70/640	75		
911 Turbo 3.6 [996T/GT2/GT3]	06.00–09.05		70/640	75		
911 Turbo 3.8 [991]	09.13–08.16		95/800	95		
911 Turbo 3.8 [991]	12.15z →	SSJ	95/800	95		
911 Turbo Cabriolet 3.6 [996T/GT2/GT3]	10.03–09.05		70/640	75		
911 Turbo Cabriolet 3.6 [997]	08.07–08.09		70/640	75		
911 Turbo Cabriolet 3.8 [991]	09.13–08.16		95/800	95		
911 Turbo S 3.6 [996T/GT2/GT3]	02.03–09.05		70/640	75		
911 Turbo S 3.8 [991]	03.14–08.16		95/800	95		
911 Turbo S 3.8 [991]	12.15z →	SSJ	95/800	95		
911 Turbo S Cabriolet 3.8 [991]	03.14–08.16		95/800	95		
911 Turbo S Cabriolet 3.8 [991]	12.15z →	SSJ	95/800	95		
911 Turbo 4 Cabriolet 3.8 [991]	12.15z →	SSJ	95/800	95		

RENAULT

Captur 0.9/1.2/1.5 [J5]	01.13z →		70/640	75		
Clio I 1.2/1.4 [X57]	04.90–02.98		45/400	45		
Clio II 1.2 [BB/CB/SB]	03.98–10.07		45/400	45		
Clio II 1.4 [BB/CB/SB]	03.98–10.07		45/400	45		
Clio II 1.6 [BB/CB/SB]	03.98–10.07		45/400	45		
Clio III Grandtour 1.5/1.6 [KR]	08.07–12.15		56/480	55		
Clio IV 0.9/1.2/1.5 [BH]	05.12z →		70/640	75		
Clio IV Grandtour 0.9/1.2/1.5 [KH]	11.12–12.17		70/640	75		
Fluence Z.E. [L3]	11.11–12.16		45/400	45		
Grand Scenic III 1.2 [JZ]	05.12–12.16		70/640	75		
Grand Scenic III 1.6 dCi [JZ]	03.11–12.16	SSJ	70/640	75		
Kangoo I 1.5 DCI [FC./KC.]	05.00–12.07		70/640	75		
Kangoo I 1.6 [FC./KC.]	06.00–12.07		45/400	45		
Kangoo I 1.9 D; DCI 4x4; DTI [FC./KC.]	10.97–12.07		70/640	75		
Kangoo II 1.5 dCi [FW/KW]	01.08–12.18		70/640	75		
Kangoo II 1.6 [FW/KW]	01.08–12.18		45/400	45		
Koleos 2.0 dCi [HY]	09.08–12.16		70/640	75		
Koleos 2.0 dCi 4x4 [HY]	09.08–12.16		70/640	75		
Laguna I 1.8 [B56]	01.94–03.01		45/400	45		
Laguna I Grandtour 1.8 [K56]	09.95–02.01		45/400	45		
Laguna III Coupé 2.0 [DT]	02.08–12.16		70/640	75		
Master II 1.9 dCi 80	10.03–10.06		90/720	85	95/800	95
Master II 2.2 dCi 90	05.00–09.03		90/720	85	95/800	95
Master II 2.5 dCi 100; dCi 110; dCi 120; dCi 120 FAP; dCi 150 FAP	05.00–04.10		95/800	95		
Master II 2.5 dCi 100; dCi 120	05.00–04.10		90/720	85		
Master II 2.8 dTi 120	10.97–09.03		90/720	85	95/800	95
Master II 3.0 dCi 140	10.03–10.06		90/720	85	95/800	95
Master III 2.3 dCi	02.10z →		95/800	95		
Megane I 1.4/1.6 [X64]	01.96–10.02		45/400	45		
Megane I Cabrio 1.6 [X64]	09.96–09.03		45/400	45		
Megane I Cabrio 2.0 [X64]	09.96–09.03		56/480	65		
Megane I Classic 1.6 [X64]	09.96–09.03		45/400	45		
Megane I Coupé 1.6 [X64]	01.96–10.02		45/400	45		
Megane I Grandtour 1.4/1.6 [X64]	03.99–09.03		45/400	45		

Fahrzeugtyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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RENAULT

Megane III CC 1.4 [EZ]	10.10 – 12.16		45/400	45		
Megane III Coupé 1.6/2.0 [DZ]	11.11 – 12.16		70/640	75		
Megane III Grandtour 1.2/1.6 [KZ]	01.12 – 12.15		70/640	75		
Megane III Hatchback 1.6 dCi [BZ]	01.12 – 12.16		70/640	75		
Scenic I 1.6 [JA]	01.96 – 04.03	JEA	70/640	75		
Scenic I 1.9 dCi [JA]	03.99 – 04.03		70/640	75		
Scenic III 1.2 [JZ]	05.12 – 12.16		70/640	75		
Scenic III 1.6 dCi [JZ]	03.11 – 12.16	SSJ	70/640	75		
Trafic II 1.9/2.0/2.5 dCi [EL/FL/JL]	05.01 – 12.14		70/640	75		
Twingo I 1.2 [C0./S0.]	01.96 – 05.07		45/400	45		
Twingo II 1.5 dCi [CN/GN]	04.10 – 12.15		56/480	55		
Zoe [BF]	01.13z →		45/400	45		
19 1.4 [X53]	09.88 – 12.01		45/400	45		

ROVER

Serie 200 214	10.95 – 03.00		45/400	45		
Serie 600 618/620	04.93 – 06.99		56/480	65		
75 1.8	01.99 – 05.05		56/480	65		
75 2.0/2.5	01.99 – 05.05		70/640	75		
75 Tourer 2.0/2.5	01.01 – 05.05		70/640	75		

SAAB

9-3 1.8/2.0 [9440]	09.02 – 02.11		56/480	65		
9-3 2.0/2.3 [9400]	02.98 – 09.02		56/480	65		
9-3 2.2 TiD [9440]	09.02 – 08.04		70/640	75		
9-3 Cabriolet 1.8/2.0 [9440]	08.03 – 02.11		56/480	65		
9-3 Cabriolet 2.0 [9400]	02.98 – 08.03		56/480	65		
9-3 Coupé 2.0 [9400]	02.98 – 08.03		56/480	65		
9-3 Coupé 2.2 16V D Turbo [9400]	11.00 – 09.02		90/720	85	95/800	95
9-3 Kombi 1.9 TiD [9440]	03.05 – 09.10		70/640	75		
9-3 Kombi 2.0/2.8 [9440]	03.05 – 06.12		56/480	65		
9-5 2.0/2.3 [9600]	06.97 – 08.09		70/640	75		
9-5 Kombi 1.9/2.0/2.2/2.3/3.0 [9600]	06.98 – 02.10		70/640	75		
900 II Cabriolet 2.0/2.3	03.94 – 08.98		56/480	65		
9000 2.0	09.92 – 12.98		56/480	65		

SEAT

Alhambra 1.8 [7V9]	06.00 – 03.10		56/480	65		
Alhambra 1.9 TDI [7V8]	05.97 – 02.00	VAD	90/720	85		
Alhambra 1.9 TDI [7V9]	06.00 – 03.10		70/640	75	95/800	95
Alhambra 2.0 [7V8]	03.96 – 02.00	VAD	56/480	65		
Alhambra 2.0 [7V9]	06.00 – 03.10		56/480	65		
Alhambra 2.0 TDI [7V9]	11.05 – 03.10		95/800	95		
Altea 1.2 [5P1]	05.10 – 07.15	BWD	45/400	45		
Altea 1.4/1.6 [5P1]	03.04 – 05.13		45/400	45		
Altea 1.8 [5P1]	06.07 – 07.15		56/480	65		
Altea 1.9/2.0 [5P1]	03.04 – 07.15		70/640	75		
Altea Freetrack 1.4 [5P5, 5P8]	05.10 – 07.15		45/400	45		
Altea Freetrack 1.6 TDI [5P5, 5P8]	05.10 – 05.13		70/640	75		
Altea Freetrack 2.0 TDI; TDI 4WD [5P5, 5P8]	06.07 – 05.13		56/480	65		
Altea XL 1.2 [5P5]	04.10 – 07.15	BWD	45/400	45		
Altea XL 1.4/1.6 [5P5]	10.06 – 05.13		45/400	45		
Altea XL 1.6 TDI [5P5]	10.09 – 07.15		70/640	75		
Altea XL 1.9/2.0 TDI [5P5]	10.06 – 12.10		56/480	65		
Arosa 1.4 [6H1]	05.97 – 06.04		45/400	45		
Arosa 1.4 TDI [6H1]	01.98 – 06.04		56/480	55		
Arosa 1.7 SDI [6H1]	08.97 – 10.03	VAD	56/480	65		
Cordoba 1.4 [6K2]	05.99 – 12.02		45/400	45		
Cordoba 1.4 [6L2]	05.04 – 11.09		56/480	55		
Cordoba 1.9 TDI [6L2]	09.02 – 07.05		70/640	75		
Cordoba 1.9 TDI [6L2]	07.99 – 12.02		45/400	45		
Cordoba 1.9 TDI [6L2]	09.97 – 08.02		45/400	45		
Exeo 1.8/2.0 [3R2]	12.08 – 12.11		70/640	75		
Exeo ST 1.6/1.8/2.0 [3R5]	06.09 – 08.13		70/640	75		
Ibiza 1.2 [6J5]	06.09 – 05.15		45/400	45		
Ibiza 1.2 [6J5]	05.06 – 11.09		45/400	45		
Ibiza 1.4 [6J5]	03.09 – 10.12		45/400	45		
Ibiza 1.4 [6J5]	04.10 – 05.15		56/480	55		
Ibiza 1.4 [6L1]	01.02 – 12.07		45/400	45		
Ibiza 1.4 [6L1]	04.02 – 11.09	JEA	56/480	55		
Ibiza 1.4 TDI [6L1]	05.02 – 11.09		70/640	75		
Ibiza 1.4/1.6/1.9/2.0 TDI [6J5]	02.08 – 05.15		70/640	75		
Ibiza 1.6 [6K1]	12.95 – 10.99	JEA	45/400	45		
Ibiza 1.6/1.8 [6L1]	12.03 – 11.09		56/480	65		
Ibiza 1.9 SDI; TDI [6L1]	09.01 – 11.09		70/640	75		
Ibiza Cupra 1.4 [6J1]	03.09 – 05.15		45/400	45		
Ibiza Cupra R 1.9 TDI [6L1]	03.04 – 11.05		70/640	75		
Ibiza SC 1.2/1.4 [6J1]	03.09 – 05.15		45/400	45		
Ibiza SC 1.4/1.6/1.9/2.0 TDI [6J1]	02.08 – 05.15		70/640	75		
Inca 1.4 [6K9]	09.97 – 06.03		45/400	45		
Leon 1.2 [1P1]	02.10 – 12.12	BWD	45/400	45		

- BWD

Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- JEA

Je nach Erstausrüstung-Bestückung
- SSJ

Für Fahrzeuge mit Start-Stopp-Funktion
- VAD

VW-Bodenleistenadapter erforderlich



Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN) KSN
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SEAT

Leon 1.2 [5F1]	12.12z →		45/400	45	
Leon 1.4 [1M1]	12.99–04.04		45/400	45	
Leon 1.4 [1P1]	11.07–12.12	BWD	45/400	45	
Leon 1.6 [1M1]	10.98–07.04	VAD	56/480	55	
Leon 1.6 [1P1]	07.05–12.12		56/480	55	
Leon 1.8 [1M1]	10.98–12.03		56/480	65	
Leon 1.9 TDI [1M1]	10.98–06.06		70/640	75	
Leon 1.9 TDI [1P1]	07.05–12.10		70/640	75	
Leon 2.0 [1P1]	05.05–12.12		56/480	65	
Leon 2.0 TDI [1P1]	07.05–12.12		70/640	75	
Leon Cupra R 1.8 [1M1]	05.03–06.06		56/480	65	
Toledo 1.6 [1M2]	10.98–05.02	VAD	56/480	55	
Toledo 1.6 [1M2]	04.02–07.04		56/480	55	
Toledo 1.6/1.8/1.9 [5P2]	09.04–05.09		70/640	75	
Toledo 1.8 [1M2]	10.98–12.03	VAD	56/480	65	
Toledo 1.9 TDI [1M2]	10.98–07.04	VAD	70/640	75	
Toledo 2.3 [1M2]	10.98–11.00	VAD	56/480	65	

SKODA

Fabia 1.2 [5J2]	01.08–12.14		45/400	45	
Fabia 1.2 TDI [5J2]	03.10–12.14	BWD	45/400	45	
Fabia 1.4 [5J2]	03.10–12.14		45/400	45	
Fabia 1.4 [6Y3]	09.99–12.07		45/400	45	
Fabia 1.4/1.9 TDI [5J2]	01.07–03.10		70/640	75	
Fabia Combi 1.2 [5J5]	03.09–12.14		45/400	45	
Fabia Combi 1.2 TDI [5J5]	03.10–12.14	BWD	45/400	45	
Fabia Combi 1.2/1.4 [6Y5]	12.99–12.07		45/400	45	
Fabia Combi 1.4/1.9 SDI [6Y5]	08.00–12.07		70/640	75	
Fabia Combi 1.4/1.9 TDI [5J5]	10.07–03.10		70/640	75	
Fabia Combi 1.4/1.9 TDI [6Y5]	08.00–12.07		70/640	75	
Fabia Combi 2.0 [6Y5]	09.00–12.07		45/400	45	
Fabia Schrägheck 1.2/1.4 [6Y2]	09.99–04.07		45/400	45	
Fabia Schrägheck 1.4/1.9 SDI; TDI [6Y2]	09.99–03.08		70/640	75	
Fabia Schrägheck 2.0 [6Y2]	07.00–04.07		45/400	45	
Fabia Schrägheck RS 1.9 TDI [6Y2]	06.03–04.07		70/640	75	
Felicia 1.3/1.6 [6U1]	05.95–08.01		45/400	45	
Felicia Combi 1.3/1.6 [6U5]	10.95–08.01		45/400	45	
Felicia Fun 1.6/1.9 [6UF]	08.96–03.01		56/480	65	
Octavia 1.4 [1Z3]	05.06–06.13		45/400	45	
Octavia 1.4/1.6 [1U2]	08.00–12.10		45/400	45	
Octavia 1.6 [1Z3]	05.04–10.08		56/480	55	
Octavia 1.6 [1Z3]	05.04–06.13		45/400	45	
Octavia 1.8 [1U2]	03.98–12.10		56/480	65	
Octavia 1.9 TDI [1U2]	09.96–12.10		70/640	75	
Octavia 1.9 TDI [1Z3]	05.04–12.10		70/640	75	
Octavia 2.0 [1U2]	06.99–05.07		56/480	65	
Octavia 2.0 [1Z3]	11.04–10.08		56/480	65	
Octavia 2.0 TDI [1Z3]	05.04–05.13		70/640	75	
Octavia Combi 1.4 [1Z5]	05.06–06.13		45/400	45	
Octavia Combi 1.6 [1U5]	02.97–12.10		45/400	45	
Octavia Combi 1.8 [1U5]	03.98–12.10		56/480	65	
Octavia Combi 1.9 TDI [1U5]	08.97–12.10		70/640	75	
Octavia Combi 1.9 TDI [1Z5]	05.04–04.13		70/640	75	
Octavia Combi 1.9 TDI 4x4 [1U5]	08.97–12.10		70/640	75	
Octavia Combi 1.9 TDI 4x4 [1Z5]	05.04–04.13		70/640	75	
Octavia Combi 2.0 [1U5]	08.00–01.06		56/480	65	
Octavia Combi 2.0 [1Z5]	11.04–10.08		56/480	65	
Octavia Combi 2.0 TDI; TDI 4x4 [1Z5]	05.04–05.13		70/640	75	
Octavia Combi RS 1.8 [1U5]	01.03–01.06		56/480	65	
Octavia Combi RS 2.0 [1Z5]	10.05–02.13		70/640	75	
Octavia RS 1.8 [1U2]	08.00–09.04		56/480	65	
Octavia RS 2.0 [1Z3]	10.05–02.13		70/640	75	
Pick-Up 135/136 [6U7]	08.96–03.01		45/400	45	
Praktik 1.4 [5J7]	03.07–05.15		45/400	45	
Praktik 1.4 TDI [5J7]	03.07–03.10		70/640	75	
Roomster 1.2/1.4 [5J7]	05.06–05.15		45/400	45	
Roomster 1.4 TDI [5J7]	05.06–03.10		56/480	55	
Roomster 1.6 TDI [5J7]	05.06–05.15		45/400	45	
Roomster 1.9 TDI [5J7]	05.06–03.10		56/480	65	
Superb 1.8/1.9/2.0/2.5/2.8 [3U4]	12.01–03.08		70/640	75	

SMART

Forfour 1.1/1.3/1.5 [454]	01.04–06.07		45/400	45	
Forfour 1.5 cdi [454]	09.04–06.07		70/640	75	
Fortwo Cabrio 0.7 [450]	01.04–03.07		45/400	45	
Fortwo Cabrio 0.8 [451]	08.09–09.13		45/400	45	
Fortwo Cabrio 0.8 cdi [450]	02.04–03.07		56/480	55	
Fortwo Cabrio 0.8 cdi [451]	04.07–07.09		56/480	55	
Fortwo Cabrio 1.0 [451]	04.07–12.15		45/400	45	
Fortwo Coupé ED [451]	06.12–12.15		56/480	55	
Fortwo Coupé 0.7 [450]	02.04–03.07		45/400	45	
Fortwo Coupé 0.8 cdi [450]	02.04–03.07		56/480	55	
Fortwo Coupé 1.0 [451]	04.07–12.15		45/400	45	
Roadster 0.7 [452]	04.03–11.05		45/400	45	
Roadster Coupé 0.7 [452]	04.03–11.05		45/400	45	
Smart Cabrio 0.6/0.7 [450]	01.01–01.04		45/400	45	
Smart Coupé 0.6/0.7 [450]	07.98–01.04		45/400	45	

Fahrzeu	Einbau-	SOFA	Ah/A (EN)	CARTEC	Alternativ
typ	datum			KSN	Ah/A (EN) KSN
TOYOTA					
Auris 1.4 [E15, JTN]	10.06 – 12.08		45/400	45	
Auris 1.4 [E15, NMT, SB1]	02.07 – 03.09		45/400	45	
Auris 1.4 D-4D [E15, JTN]	10.06 – 08.12		70/640	75	
Auris 1.4/2.0 D-4D [E15, NMT, SB1]	02.07 – 10.12		70/640	75	
Auris 1.6 [E15, JTN]	10.06 – 08.12		56/480	55	
Auris 2.0 D-4D [E15, JTN]	10.06 – 10.09		70/640	75	
Auris Touring Sports 2.0 D-4D [E18]	07.13 – 05.15		70/640	75	
Avensis 1.6/1.8/2.0 [T22]	09.97 – 01.03		45/400	45	
Avensis 2.0 D-4D [T25]	04.06 – 11.08		70/640	75	
Avensis 2.4 [T25]	09.03 – 11.08		56/480	65	
Avensis Liftback 1.6/1.8/2.0 [T22]	09.97 – 01.03		45/400	45	
Avensis Liftback 2.0 D-4D [T25]	04.06 – 11.08		70/640	75	
Avensis Wagon 1.6/1.8/2.0 [T22]	09.97 – 01.03		45/400	45	
Avensis Wagon 2.0 [T25]	01.03 – 11.08		56/480	65	
Avensis Wagon 2.0 D Turbo [T22]	08.99 – 01.03		70/640	75	
Avensis Wagon 2.0 D Turbo [T25]	03.03 – 11.08		70/640	75	
Avensis Wagon 2.0 D-4D [T25]	03.03 – 11.08		70/640	75	
Avensis Wagon 2.4 [T25]	09.03 – 11.08		56/480	65	
Aygo 1.0 [B4]	05.14z →		56/480	55	
Corolla 1.4 [E12, JTD]	10.01 – 11.06		45/400	45	
Corolla 1.4 [E12, NMT]	01.02 – 02.07		45/400	45	
Corolla 1.6 [E12, JTD]	10.01 – 11.06		56/480	55	
Corolla 1.6 [E12, NMT]	01.02 – 02.07		56/480	55	
Corolla Hatchback 1.4 [E12, SB1]	11.01 – 12.07		45/400	45	
Corolla Hatchback 1.6 [E12, SB1]	11.01 – 02.07		56/480	55	
Corolla Hatchback 2.0 D Turbo [E12, SB1]	11.01 – 05.04		70/640	75	
Corolla Verso 1.8 [E12]	09.01 – 01.04		56/480	65	
Corolla Verso 2.0 D Turbo [E12]	09.01 – 01.04		70/640	75	
Corolla Verso 2.0 D Turbo [R1]	02.04 – 08.05		70/640	75	
Corolla Wagon 1.4 [E12, JTD]	10.01 – 11.06		45/400	45	
Corolla Wagon 1.4 [E12, NMT]	08.02 – 02.07		45/400	45	
Corolla Wagon 1.6 [E12, JTD]	10.01 – 11.06		56/480	55	
Corolla Wagon 1.6 [E12, NMT]	08.02 – 02.07		56/480	55	
Corolla Wagon 2.0 D Turbo [E12, NMT]	08.02 – 02.07		70/640	75	
Yaris 1.0/1.3 [P9, VNK]	11.05 – 07.11		45/400	45	
Yaris 1.0/1.8 [P9, JTD]	08.05 – 07.11		45/400	45	
Yaris 1.4 D Turbo [P1]	10.01 – 08.06		56/480	55	

VOLVO

C30 2.4 [P14]	10.06 – 07.10	BWD	70/640	75	
C70 I Cabrio 2.4	08.99 – 03.06		56/480	65	
C70 II Cabrio 2.4 D5	08.06 – 07.10	SSJ	95/800	95	
C70 II Cabrio 2.5	08.07 – 12.13	BWD	56/480	65	
S60 I 2.4 D; D5	08.01 – 07.09		90/720	85	95/800 95
S60 II 2.0	08.10 – 07.11	BWD	70/640	75	
S60 II 2.0 D3	08.12 – 12.15	OSSJ	90/720	85	
S80 I 2.4 D5	08.01 – 07.06		90/720	85	95/800 95
S80 I 2.8	05.98 – 07.01	BWD	70/640	75	
S80 II 2.4 D5	03.06 – 07.09		95/800	95	
S80 II 2.4 D5	11.08 – 07.11	BWD	90/720	85	
S90 II 2.0 D4; D5 AWD	03.16z →		95/800	95	
V40 I 1.9 D	08.98 – 04.04		70/640	75	
V60 I 2.0	09.10 – 08.11	BWD	70/640	75	
V60 I 2.0	09.15z →		90/720	85	
V60 I 2.0 D3	09.12 – 08.15	OSSJ	90/720	85	
V70 I 2.5 TDI	01.97 – 03.00		70/640	75	
V70 II 2.4	03.00 – 07.03	BWD	56/480	65	70/640 75
V70 II 2.4 D; D AWD	08.01 – 07.07		95/800	95	
V70 II 2.4 D; D AWD; D5	08.01 – 07.07		90/720	85	
V70 II 2.4 D5	08.01 – 07.07		95/800	95	
V70 II 2.4 D5 AWD	12.05 – 07.07	BWD	95/800	95	
V70 II 2.5	08.02 – 07.07	BWD	95/800	95	
V70 II 2.5 D	03.00 – 07.01		90/720	85	95/800 95
V70 III 2.0	10.07 – 07.11	BWD, OSSJ	90/720	85	
V70 III 2.0 D	10.07 – 07.10		90/720	85	
V70 III 2.4 D	08.07 – 07.09		90/720	85	
V70 III 2.4 D4 AWD	08.09 – 07.16	BWD, OSSJ	90/720	85	
V70 III 2.4 D5	08.07 – 07.09		90/720	85	
V70 III 2.4 D5	08.09 – 07.16	BWD, OSSJ	90/720	85	
V70 III 2.4 D5 AWD	10.07 – 07.10	OSSJ	90/720	85	
V70 III 2.4 D5 AWD	08.09 – 07.16	BWD, OSSJ	90/720	85	
V90 II 2.0	03.16z →		95/800	95	
XC60 I 2.0 D3 DRIVE; D4	08.11 – 02.17		90/720	85	
XC60 I 2.4 D AWD; D3 AWD; D4 AWD; D5 AWD	08.09 – 02.17	BWD	90/720	85	95/800 95
XC60 I 2.4 D DRIVE	08.09 – 07.10		90/720	85	95/800 95
XC60 I 2.4 D5 AWD	03.09 – 07.09		70/640	75	
XC60 I 2.4 D5 AWD	08.09 – 07.11	BWD	70/640	75	
XC60 II 2.0	03.17z →		95/800	95	
XC70 I 2.4 D5 AWD	12.05 – 07.07		90/720	85	95/800 95
XC70 I 2.5	08.02 – 07.07	BWD	70/640	75	
XC70 II 2.4 D5 AWD	08.15 – 07.16		90/720	85	
XC90 I 2.4 D3	08.10 – 07.15	SSJ	95/800	95	
XC90 I 2.4 D5 AWD	01.03 – 07.15	BWD	95/800	95	
XC90 I 2.4 D5 AWD	10.07 – 07.11		90/720	85	
XC90 I 2.5/2.9/3.2/4.4	10.02 – 10.12	BWD	70/640	75	

- BWD

Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- JEA

Je nach Erstausrüstung-Bestückung
- OSSJ

Für Fahrzeuge ohne Start-Stopp-Funktion
- SSJ

Für Fahrzeuge mit Start-Stopp-Funktion
- VAD

VW-Bodenleistenadapter erforderlich



Fahrzeu g typ	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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VOLVO

XC90 II 2.0 D4 FWD	06.15z →	SSJ	95/800	95		
XC90 II 2.0 D5 AWD	06.15z →		95/800	95		
940 2.3	09.90 – 10.98		70/640	75		

VW (VOLKSWAGEN)

Amarok 2.0 BiTDI 4Motion [2H, S1]	09.10 – 05.12	SSJ	95/800	95		
Amarok 2.0 TDI 4Motion [2H, S1]	11.11 – 10.16		95/800	95		
Amarok 2.0/3.0 TDI 4Motion [S6, S7]	06.16z →	SSJ	95/800	95		
Bora 1.4/1.6 [1J2]	09.98 – 05.05		45/400	45		
Bora 1.9 TDI [1J2]	09.98 – 05.05		70/640	75		
Bora 2.0/2.3 [1J2]	09.98 – 05.05		56/480	65		
Bora Variant 1.6 [1J6]	05.99 – 05.05		45/400	45		
Bora Variant 1.8 [1J6]	05.00 – 05.05		56/480	65		
Bora Variant 1.9 TDI; TDI 4Motion [1J6]	05.99 – 05.05		70/640	75		
Bora Variant 2.0/2.3/2.8 [1J6]	05.99 – 05.05		56/480	65		
Caddy 1.4 [9K9]	11.95 – 06.03	VAD	45/400	45		
Caddy 1.4/1.6 [2K]	02.04 – 08.10		45/400	45		
Caddy 1.6 [2C]	10.10 – 05.15		45/400	45		
Caddy 1.6 [9K9]	06.97 – 09.00	VAD	45/400	45		
Caddy 1.6 TDI [2C]	08.10 – 05.15		56/480	55		
Caddy 1.6/2.0 TDI; TDI 4Motion [SA]	05.15z →		45/400	45		
Caddy 1.9 SDI [9K9]	09.00 – 06.03		70/640	75		
Caddy 1.9 TDI [2K]	02.04 – 08.10		70/640	75		
Caddy 1.9 TDI [9K9]	09.00 – 06.03		70/640	75		
Caddy 2.0 [2C]	10.10 – 05.15		45/400	45		
Caddy 2.0 [2K]	04.06 – 08.10		45/400	45		
Caddy 2.0 SDI; TDI [2K]	02.04 – 08.10		70/640	75		
Caddy Pickup 1.6 [9U7]	06.96 – 12.00	VAD	45/400	45		
California T4 2.4 D [70, 7D]	09.90 – 05.98	VAD	45/400	45		
California T4 2.5 TDI [70, 7D]	07.95 – 06.03	VAD	70/640	75		
California T4 2.8 [70, 7D]	01.96 – 05.00	VAD	70/640	75		
California T5 2.5 TDI [7H]	02.03 – 11.09		95/800	95		
Caravelle T4 2.8 [70, 7D]	01.96 – 05.00	VAD	45/400	45		
CC 2.0 TDI 4Motion [358]	12.12 – 12.16		56/480	65		
Crafter 30 2.0 BiTDI [2E, 2F]	05.11 – 12.16	SSJ	95/800	95		
Crafter 30 2.0 TDI [SY, SZ]	09.16z →	SSJ	95/800	95		
Crafter 30 2.0 TDI [2E, 2F]	05.11 – 12.16	SSJ	95/800	95		
Crafter 30 2.5 TDI [2E, 2F]	04.06 – 05.13		70/640	75	95/800	95
Crafter 35 2.0 BiTDI [2E, 2F]	05.11 – 12.16	SSJ	95/800	95		
Crafter 35 2.0 TDI [SY, SZ]	09.16z →	SSJ	95/800	95		
Crafter 35 2.0 TDI [2E, 2F]	05.11 – 12.16	SSJ	95/800	95		
Crafter 35 2.5 TDI [2E, 2F]	04.06 – 05.13		70/640	75	95/800	95
Crafter 50 2.0 BiTDI [2E, 2F]	07.11 – 12.16		95/800	95		
Crafter 50 2.0 TDI [2E, 2F]	05.11 – 12.16	SSJ	95/800	95		
Crafter 50 2.5 TDI [2E, 2F]	04.06 – 05.13		70/640	75	95/800	95
Eos 1.4 [1F8]	11.10 – 08.15	BWD	45/400	45		
Eos 1.6 [1F7]	05.06 – 05.08		45/400	45		
Eos 2.0 [1F7]	05.06 – 11.10		56/480	65		
Eos 2.0 [1F8]	11.10 – 08.15		56/480	65		
Eos 3.2 [1F7]	05.06 – 11.10		70/640	75		
Fox 1.2/1.4 [5Z1]	04.05 – 12.12		45/400	45		
Golf III Cabriolet 1.6 [1E7]	12.95 – 04.98	VAD	45/400	45		
Golf III Cabriolet 1.8/2.0 [1E7]	07.93 – 05.98	VAD	56/480	65		
Golf III Variant 1.4 [1H5]	07.95 – 02.99	VAD	45/400	45		
Golf III Variant 1.6 [1H5]	12.95 – 02.99	VAD	45/400	45		
Golf III Variant 1.8 [1H5]	07.93 – 02.99	VAD	56/480	65		
Golf III Variant 1.9 TD; TDI [1H5]	07.93 – 02.99	VAD	70/640	75		
Golf III Variant 2.0 [1H5]	07.95 – 02.99	VAD	56/480	65		
Golf IV 1.4/1.6 [1J1]	08.97 – 05.04		45/400	45		
Golf IV 1.8 [1J1]	08.97 – 05.04		56/480	65		
Golf IV 1.9 SDI; TDI; TDI 4Motion [1J1]	08.97 – 06.05		70/640	75		
Golf IV 2.0/2.3/2.8 [1J1]	10.97 – 06.05		56/480	65		
Golf IV Cabriolet 1.6 [1E7]	04.98 – 10.00	VAD	45/400	45	56/480	55
Golf IV Cabriolet 1.8 [1E7]	04.98 – 10.00	VAD	56/480	65		
Golf IV Cabriolet 1.9 TDI [1E7]	04.98 – 12.01	VAD	70/640	75		
Golf IV Cabriolet 2.0 [1E7]	04.98 – 06.02	VAD	56/480	65		
Golf IV R32 3.2 [1J1]	06.02 – 05.04		56/480	65		
Golf IV Variant 1.4 [1J5]	05.99 – 06.06		45/400	45		
Golf IV Variant 1.6 [1J5]	05.99 – 11.01		45/400	45		
Golf IV Variant 1.6 [1J5]	05.99 – 06.06		56/480	65		
Golf IV Variant 1.9 SDI; TDI; TDI 4Motion [1J5]	05.99 – 06.06		70/640	75		
Golf IV Variant 2.0 [1J5]	05.99 – 06.06		56/480	65		
Golf Plus 1.4 [5M1]	01.05 – 12.08		45/400	45		
Golf Plus 1.4 [5M1]	05.08 – 12.08		56/480	65		
Golf Plus 1.4 [521]	01.09 – 12.13	BWD	45/400	45	56/480	55
Golf Plus 1.6 [5M1]	01.05 – 01.09		56/480	55		
Golf Plus 1.6 [521]	01.09 – 12.13	BWD	45/400	45		
Golf Plus 1.9 TDI [5M1]	01.05 – 01.09		70/640	75		
Golf Plus 2.0 [5M1]	11.05 – 06.08		56/480	65		
Golf Plus 2.0 TDI [5M1]	01.05 – 01.09		70/640	75		
Golf Plus 2.0 TDI [521]	11.09 – 12.13	BWD	70/640	75		
Golf V 1.4 [1K1]	10.03 – 11.08		45/400	45		
Golf V 1.6 [1K1]	01.04 – 05.05		45/400	45		
Golf V 1.6 [1K1]	01.05 – 11.08		56/480	65		
Golf V 1.9 TDI; TDI 4Motion [1K1]	10.03 – 11.08		70/640	75		
Golf V 2.0 [1K1]	05.04 – 11.08	VAD	56/480	65		
Golf V 2.0 SDI; TDI; TDI 4Motion [1K1]	10.03 – 11.08		70/640	75		
Golf V Variant 1.4/1.6 [1K5]	05.07 – 07.09		45/400	45		
Golf V Variant 1.9/2.0 TDI; TDI 4Motion [1K5]	05.07 – 07.09		70/640	75		
Golf VI 1.4/1.6 [5K1]	10.08 – 11.12	BWD	56/480	55		
Golf VI Cabriolet 2.0 [517]	01.13 – 05.16		56/480	65		
Golf VI Variant 1.4 [AJ5]	06.09 – 04.13	BWD	56/480	55		
Golf VI Variant 1.6 [AJ5]	07.09 – 04.13	BWD	70/640	75		

Fahrzeugtyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
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VW (VOLKSWAGEN)

Golf VII 1.2/1.4 [5G1]	11.13 – 03.17		70/640	75		
Jetta 1.4/1.6 [1K2]	09.05 – 10.10		56/480	55		
Jetta 1.9 TDI [1K2]	05.05 – 10.10		70/640	75		
Jetta 2.0 [1K2]	12.05 – 06.08		56/480	65		
Jetta 2.0 TDI [1K2]	08.05 – 10.10		70/640	75		
LT 28 [2D, 2H]	05.96 – 04.06		70/640	75		
LT 28 2.5 TDI [2D, 2H]	05.99 – 04.06		95/800	95		
LT 35 2.5 SDI; 2.5 TDI; 2.8 D Turbo; 2.8 TDI [2D, 2H]	05.96 – 04.06		70/640	75		
LT 35 2.5 TDI; 2.8 D Turbo; 2.8 TDI [2D, 2H]	07.97 – 04.06		95/800	95		
LT 46 2.5 TDI; 2.8 D Turbo; 2.8 TDI [2D, 2H]	05.96 – 04.06		70/640	75		
LT 46 2.5 TDI; 2.8 D Turbo; 2.8 TDI [2D, 2H]	01.99 – 04.06		95/800	95		
Lupo 1.0 [6X1]	10.98 – 07.05		45/400	45		
Lupo 1.4 [6X1]	10.98 – 07.05		45/400	45		
Lupo 1.4 [6X1]	09.00 – 11.03		56/480	65		
Lupo 1.4/1.7 SDI; TDI [6X1]	06.98 – 07.05		70/640	75		
Multivan T4 2.8 [70, 7D]	01.96 – 05.00	VAD	45/400	45		
Multivan T5 1.9/2.0/2.5 [7H]	02.03 – 11.09		70/640	75		
Multivan T5 2.5 TDI; TDI 4Motion [7H]	02.03 – 11.09		95/800	95		
Multivan T5 3.2 [7H]	05.03 – 11.09		70/640	75		
New Beetle 1.4/1.6/1.8 [1C1, 9C1]	10.99 – 12.10		56/480	65		
New Beetle 1.9 TDI [1C1, 9C1]	01.98 – 12.10		70/640	75		
New Beetle 2.0/2.3 [1C1, 9C1]	01.98 – 09.10		56/480	65		
New Beetle Cabriolet 1.4/1.6/1.8 [1Y7]	01.03 – 09.10		56/480	65		
New Beetle Cabriolet 1.9 TDI [1Y7]	06.03 – 09.10		70/640	75		
New Beetle Cabriolet 2.0 [1Y7]	01.03 – 10.10		56/480	65		
Passat 1.6 [3B2]	10.96 – 11.00		45/400	45		
Passat 1.6 [3B3]	10.00 – 05.05		45/400	45		
Passat 1.6 [3C2]	03.05 – 07.10	BWD	45/400	45		
Passat 1.6 TDI [3G2]	05.15z →	SSJ	95/800	95		
Passat 1.8 [3B2]	12.96 – 01.99		56/480	65		
Passat 1.8 [3B3]	10.00 – 05.05		56/480	65		
Passat 1.8 [3C2]	05.08 – 07.10	BWD	70/640	75		
Passat 1.8 [3G2]	02.15 – 11.18		95/800	95		
Passat 1.8/1.9/2.3 [3B2]	10.96 – 11.00		70/640	75		
Passat 1.9 TDI [3B3]	10.00 – 05.05		70/640	75		
Passat 1.9 TDI [3C2]	03.05 – 11.08	BWD	70/640	75		
Passat 1.9 TDI 4Motion [3B3]	10.00 – 05.05		70/640	75		
Passat 2.0 [3C2]	11.05 – 07.10	BWD	56/480	65		
Passat 2.0 [3G2]	11.14z →		95/800	95		
Passat 2.0 TDI [3G2]	05.15z →	SSJ	95/800	95		
Passat 2.0 TDI; TDI 4Motion [3C2]	03.05 – 07.10	BWD	70/640	75		
Passat 2.0 TDI 4Motion [3G2]	02.15 – 07.18		95/800	95		
Passat 2.0/2.3 [3B3]	10.00 – 05.05		56/480	65		
Passat 2.5 TDI; TDI 4Motion [3B3]	10.00 – 05.05		70/640	75		
Passat 2.8 [3B3]	10.00 – 05.05		56/480	65		
Passat 3.2 [3C2]	09.05 – 07.10	BWD	70/640	75	95/800	95
Passat Alltrack 2.0 TDI 4Motion [3G5]	05.15z →	SSJ	95/800	95		
Passat CC 2.0/3.6 [357]	05.08 – 05.12	BWD	70/640	75		
Passat Variant 1.4 [3C5]	05.07 – 11.10	SSJ	95/800	95		
Passat Variant 1.6 [3B5]	01.97 – 11.00		45/400	45		
Passat Variant 1.6 [3B6]	10.00 – 05.05		45/400	45		
Passat Variant 1.6 [3C5]	08.05 – 11.10	BWD	45/400	45		
Passat Variant 1.6 TDI [3G5]	05.15z →	SSJ	95/800	95		
Passat Variant 1.8 [3B6]	10.00 – 05.05		56/480	65		
Passat Variant 1.8/1.9/2.3/2.5/2.8 [3B5]	01.97 – 11.00		70/640	75		
Passat Variant 1.8/2.0 [3G5]	11.14z →		95/800	95		
Passat Variant 1.9 TDI [3B6]	10.00 – 05.05		70/640	75		
Passat Variant 1.9 TDI [3C5]	08.05 – 11.08	BWD	70/640	75		
Passat Variant 1.9 TDI 4Motion [3B6]	10.00 – 05.05		70/640	75		
Passat Variant 2.0 [3B6]	10.00 – 05.05		56/480	65		
Passat Variant 2.0 [3C5]	11.05 – 11.10	BWD	56/480	65		
Passat Variant 2.0 TDI [3B6]	11.03 – 05.05		70/640	75		
Passat Variant 2.0 TDI [3C5]	08.05 – 11.10	BWD	70/640	75		
Passat Variant 2.0 TDI; TDI 4Motion [3G5]	05.15z →	SSJ	95/800	95		
Passat Variant 2.0 TDI 4Motion [3C5]	08.05 – 11.10	BWD	70/640	75		
Passat Variant 2.3 [3B6]	10.00 – 05.05		56/480	65		
Passat Variant 2.5 TDI; TDI 4Motion [3B6]	10.00 – 05.05		70/640	75		
Passat Variant 2.8/4.0 [3B6]	10.00 – 05.05		56/480	65		
Passat Variant 3.2/3.6 [3C5]	11.05 – 11.10	BWD	95/800	95		
Passat Variant 3.6 [365]	01.11 – 12.14	BWD, SSJ	95/800	95		
Phaeton 3.0 TDI 4Motion [3D]	09.04 – 05.07		70/640	75		
Phaeton 3.0 TDI 4Motion [3D]	06.07 – 10.08		95/800	95		
Phaeton 3.2/4.2 [3D]	05.02 – 03.16		70/640	75		
Phaeton 5.0 TDI 4Motion [3D]	11.02 – 10.06		70/640	75	95/800	95
Phaeton 6.0 [3D]	05.05 – 03.16		70/640	75	95/800	95
Polo 1.0/1.4/1.6 [6N1]	10.94 – 12.99	VAD	45/400	45		
Polo 1.0/1.4/1.6 [6N2]	07.98 – 09.01		45/400	45		
Polo 1.2/1.4 [9N1]	09.01 – 05.05		45/400	45		
Polo 1.2/1.4 [9N3]	04.05 – 12.09		45/400	45		
Polo 1.4 [9N2]	07.03 – 05.07		45/400	45		
Polo 1.4 [9N3]	04.05 – 12.09		70/640	75		
Polo 1.4 TDI [6C1]	02.14 – 10.17		70/640	75		
Polo 1.4/1.9 SDI; TDI [9N1]	09.01 – 06.05		70/640	75		
Polo 1.6 [9N3]	05.06 – 12.09		45/400	45		
Polo 1.8 [6C1]	11.14 – 10.17		56/480	65		
Polo 1.8/1.9 [9N3]	04.05 – 12.09		70/640	75		
Polo 1.9 D [6N2]	10.99 – 09.01		70/640	75		
Polo 2.0 [6R1]	08.13 – 02.14		45/400	45		
Polo Classic 1.4/1.6 [6V2]	04.97 – 09.01	VAD	45/400	45		

- BWD

Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.
- SSJ

Für Fahrzeuge mit Start-Stopp-Funktion
- VAD

VW-Bodenleistenadapter erforderlich



Fahrzeugetyp	Einbau- datum	SOFA	Ah/A (EN)	CARTEC KSN	Alternativ Ah/A (EN)	KSN
VW (VOLKSWAGEN)						
Polo Variant 1.4 [6V5]	12.97 – 06.00		45/400	45		
Polo Variant 1.6 [6V5]	09.97 – 09.01	VAD	45/400	45		
Polo Variant 1.7 SDI [6V5]	08.97 – 08.99	VAD	70/640	75		
Sharan 1.8 [7M8]	11.97 – 02.00	VAD	56/480	65		
Sharan 1.8 [7M9, 7M6]	05.00 – 03.10		56/480	65		
Sharan 1.9 [7M9, 7M6]	05.00 – 03.10		70/640	75		
Sharan 1.9 TDI [7M8]	08.99 – 02.00		90/720	85	95/800	95
Sharan 1.9 TDI [7M9, 7M6]	04.00 – 03.10		90/720	85	95/800	95
Sharan 1.9 TDI 4Motion [7M9, 7M6]	04.00 – 03.10		95/800	95		
Sharan 2.0 [7M8]	09.95 – 02.00	VAD	56/480	65		
Sharan 2.0 [7M9, 7M6]	05.00 – 03.10		56/480	65		
Sharan 2.0 TDI [7M9, 7M6]	11.05 – 03.10		90/720	85	95/800	95
Sharan 2.8 [7M8]	09.95 – 02.00	VAD	70/640	75		
Sharan 2.8 [7M9, 7M6]	05.00 – 03.10		70/640	75		
Tiguan 2.0 [5N1]	11.07 – 07.11		56/480	65		
Tiguan 2.0 [5N2]	05.11 – 12.16	BWD	56/480	65		
Tiguan 2.0 TDI 4Motion [5N1]	11.07 – 07.11		70/640	75		
Tiguan 2.0 TDI 4Motion [5N2]	05.11 – 12.16	BWD	70/640	75		
Touareg 2.5/3.0/5.0 TDI [7L6]	12.06 – 05.10		95/800	95		
Touareg 3.0 TDI [7P5]	11.10 – 12.14	BWD	95/800	95		
Touareg 3.0 TDI [7P6]	08.14 – 03.18	BWD	95/800	95		
Touareg 3.2/4.2/5.0 [7LA]	11.02 – 11.06		95/800	95		
Touareg 3.6 [7P5]	04.10 – 12.14	BWD	95/800	95		
Touareg 4.2 TDI [7P5]	01.10 – 12.14	BWD, SSJ	95/800	95		
Touareg 4.2 TDI [7P6]	08.14 – 03.18	SSJ	95/800	95		
Touran 1.4/1.6 [1T1]	02.03 – 11.06		45/400	45		
Touran 1.4/1.6 [1T2]	11.06 – 05.10		45/400	45		
Touran 2.0 TDI [1T1]	11.05 – 11.06		70/640	75		
Transporter T4 1.9 D Turbo [70, 7D]	10.92 – 04.99	VAD	70/640	75		
Transporter T4 2.0 [70, 7D]	09.90 – 06.03		45/400	45		
Transporter T4 2.0 [70, 7D]	05.97 – 06.03		70/640	75		
Transporter T4 2.4 D Syncro [70, 7D]	11.92 – 09.98	VAD	70/640	75		
Transporter T4 2.5 [70, 7D]	05.96 – 06.03	VAD	45/400	45		
Transporter T4 2.5 [70, 7D]	06.97 – 06.03		70/640	75		
Transporter T4 2.5 TDI [70, 7D]	07.95 – 06.03	VAD	95/800	95		
Transporter T4 2.5 TDI [70, 7D]	03.98 – 06.03	VAD	70/640	75		
Transporter T4 2.5 TDI Syncro [70, 7D]	03.98 – 06.03	VAD	70/640	75		
Transporter T4 2.8 [70, 7D]	01.96 – 05.00	VAD	45/400	45		
Transporter T5 1.9 [7H]	04.03 – 11.09		95/800	95		
Transporter T5 1.9 [7J]	04.03 – 11.09		95/800	95		
Transporter T5 2.0 [7E]	09.09 – 08.15		56/480	65	95/800	95
Transporter T5 2.0 [7F]	09.09 – 08.15		56/480	65	95/800	95
Transporter T5 2.0 [7H]	06.03 – 11.09		56/480	65		
Transporter T5 2.0 [7J]	06.03 – 11.09		56/480	65		
Transporter T5 2.0/2.5 [7H]	02.03 – 11.09		95/800	95		
Transporter T5 2.0/2.5 [7J]	04.03 – 11.09		95/800	95		

**BEI DIVERSEN MODELLEN VON VOLKSWAGEN UND FORD
WERDEN DIE FOLGENDEN ADAPTER BENÖTIGT:**



INFO	D	F	I	CZ
AGM	Für dieses Fahrzeug nur AGM (Absorbent Glass Mat) -Batterie verwenden.	Utilisez uniquement une batterie AGM (Absorbent Glass Mat) pour ce véhicule.	Utilizzare solo batterie AGM (Absorbent Glass Mat) per questo veicolo.	Pro toto vozidlo používejte pouze baterii AGM (Absorbent Glass Mat).
AHB	Achtung: Keine abweichende Kapazität (Ah) zur vorher verwendeten Batterie verbauen. Sonst reicht das Anmelden am Steuergerät nicht aus, sondern es wird ein Flashen des Steuergeräts notwendig.	Attention: N'installez pas une capacité différente (Ah) par rapport à la batterie précédemment utilisée. Sinon, la connexion à l'appareil de contrôle ne serait pas suffisante et une mise à jour de l'appareil de contrôle par „flash“ serait nécessaire.	Attenzione: Non installare una capacità diversa (Ah) sulla batteria utilizzata in precedenza. In caso contrario, l'accesso all'unità di controllo non è sufficiente, ma sarà necessario eseguire il flashing dell'unità di controllo.	Pozor: Neinstalujte jinou kapacitu (Ah) než dříve použitá baterie. V opačném případě přihlášení k řídící jednotce nestačí, bude však nutné řídící jednotku zablikat.
BAW	Bei Einbau der Alternativtype, Batteriewanne auswechseln	Pour montage de l'autre type, remplacer le bac de la batterie.	Se si monta il tipo alternativo, sostituire il vano batteria.	Při zabudování alternativního typu vyměňte vanu akumulátoru
BWD	Achtung! Batteriewechsel muss mit Diagnosetester am Steuergerät angemeldet werden.	Attention: tout changement de batterie doit être signalé à l'appareil de contrôle au moyen d'un testeur de diagnostic.	Attenzione: La sostituzione delle batterie deve essere registrata con lo strumento di diagnosi al connettore diagnostico del veicolo.	Pozor: Výměna baterie musí být nahlášena pomocí diagnostického zkoušeče řídící jednotce.
FAD	Ford Pol-Adapter erforderlich	Adaptateur Ford nécessaire	Necessario adattatore poli Ford	Je nezbytný pól. adaptér Ford
JEA	Je nach Erstausrüstung-Bestückung	Selon équipement de premier monte"	In base al primo equipaggiamento	Podle úrovně originální výbavy
SSJ	Für Fahrzeuge mit Start-Stopp-Funktion	Pour véhicules avec technologie Stop/Start automatique	Per veicoli con sistema start e stop	Pro vozidla se systémem Start-Stop
OSSJ	Für Fahrzeuge ohne Start-Stopp-Funktion	Pour véhicules sans technologie Stop/Start automatique	Per veicoli senza sistema start e stop	Pro vozidla bez systémem Start-Stop
VAD	VW-Bodenleisten erforderlich	Adaptateur rebord de fixation VW nécessaire	Necessario adattatore listello pavimento VW	VW podlahových lišt potřebný
ZE	Zwei Batterien erforderlich	2 batteries nécessaires	Sono necessari due pezzi	Jsou nutné dva
Ah	Kapazität Batterie	Capacité de la batterie	Capacità batteria	Kapacita akum.
A (En)	Kälteprüfstrom Batterie	Courant de contrôle à froid de la batterie	Corrente di prova a freddo batteria	Prou zk. chlad. akum.

