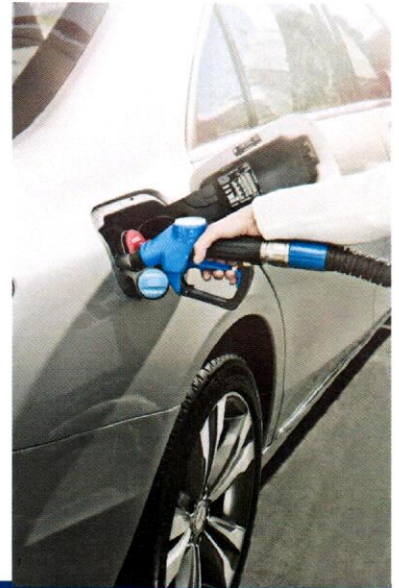


ACEA Light Duty Vehicle AdBlue® Workshop

Model Range of SCR Passenger Cars and Vans
in the European Market

BRUSSELS, 18 JUNE 2015

Petra Sorsche, Daimler AG



Monday, 22 June 2015

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2. SCR vehicle summary
3. Growth of SCR types over the past years



SCR/AdBlue® Vehicles – BMW Group

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BMW
Models

Picture	Vehicle series and individual types		Emissions level	Introduction	
	5 Series Sedan (F10)	520d xDrive 525d xDrive 530d xDrive 535d xDrive M550d xDrive	Euro 6	10/2013 10/2013 10/2013 10/2013 10/2013	Outside refill
	5 Series Touring (F11)	520d xDrive 525d xDrive 530d xDrive 535d xDrive M550d xDrive	Euro 6	10/2013 10/2013 10/2013 10/2013 10/2013	Outside refill
	5 Series Gran Turismo (F07)	520d Gran Turismo 530d xDrive Gran Turismo 535d xDrive Gran Turismo	Euro 6	10/2013 10/2013 10/2013	Outside refill
	X5 (F15)	X5 sDrive25d X5 xDrive25d X5 xDrive30d X5 xDrive40d	Euro 6	11/2013 11/2013 11/2013 11/2013	
	X6 (F16)	X6 xDrive40d X6 M50d	Euro 6	11/2014 11/2014	



SCR/AdBlue® Vehicles – Daimler AG

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Mercedes-
Benz
Models

Picture	Vehicle series and individual types		Emissions level	Introduction	
	C-Class (W205)	C 180 d, C 200 d, C 220 d, C 220 d 4MATIC, C 220 d BE, C 250 d, C 250 d 4MATIC, C 300 h	Euro 6	03/2014 – 09/2014	Outside refill
	C-Class Combi (S205)	C 180 d, C 200 d, C 220 d, C 220 d 4MATIC C 250 d, C 250 d 4MATIC, C 300 h	Euro 6	09/2014 – 06/2015	Outside refill
	GLK (X204)	GLK 220 BlueTEC 4MATIC GLK 250 BlueTEC 4MATIC	Euro 6	06/2012 06/2012	
	E-Class (W212)	E 200 BlueTEC, E220 BlueTEC, E 220 BlueTEC BE, E 250, E 250 4MATIC, E300 BlueTEC, E300 BlueTEC HYBRID, E 350 BlueTEC, E350 BlueTEC 4MATIC	Euro 6	03/2009 – 09/2014	
	E-Class Combi (S212)	E 200 BlueTEC, E220 BlueTEC, E 220 BlueTEC BE, E 250, E 250 4MATIC, E300 BlueTEC, E300 BlueTEC HYBRID, E 350 BlueTEC, E350 BlueTEC 4MATIC	Euro 6	03/2009 – 09/2014	
	E-Class Coupé (C207)	E 200 BlueTEC, E 250 BlueTEC, E 350 BlueTEC	Euro 6	06/2013 – 09/2014	
	E-Class Cabrio (A207)	E 200 BlueTEC, E 250 BlueTEC, E 350 BlueTEC	Euro 6	06/2013 – 09/2014	



SCR/AdBlue® Vehicles – Daimler AG

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Mercedes-
Benz
Models

Picture	Vehicle series and individual types	Emissions level	Introduction	
	CLS (C218) CLS 220 d, CLS 250 d, CLS 250 d 4MATIC, CLS 350 d, CLS 350 d 4MATIC	Euro 6	03/2013 – 06/2015	
	CLS Shooting Break (X218) S 220 d, CLS 250 d, CLS 250 d 4MATIC, CLS 350 d, CLS 350 d 4MATIC	Euro 6	09/2014 – 06/2015	
	S-Class (W221) S 350 BlueTEC, S 350 BlueTEC 4MATIC	Euro 6	09/2010, 02/2011	
	S-Class long (V221) S 350 BlueTEC, S 350 BlueTEC 4MATIC	Euro 6	09/2010, 02/2011	
	S-Class (W222) S 300 h, S 350 d, S 350 d 4MATIC	Euro 6	07/2013 – 03/2014	Outside refill
	S-Class long (V222) S 300 h, S 350 d, S 350 d 4MATIC	Euro 6	07/2013 – 03/2014	Outside refill
	SLK/SLC-Class (R172) SLK/SLC 250 d	Euro 6	06/2015	
	R-Class (V251) R 350 BlueTEC 4MATIC	Euro 6	09/2009	
	G-Class (BA 463) G 350 BlueTEC	Euro 5	09/2010	Outside refill



SCR/AdBlue® Vehicles – Daimler AG

72
Mercedes-
Benz
Models

Picture	Vehicle series and individual types	Emissions level	Introduction	
	M-Class (W164) ML 350 BlueTEC 4MATIC	Euro 6	09/2009	
	M/GLE-Class (W166) GLE 250 d 4MATIC GLE 350 d 4MATIC	Euro 6	11/2011	Outside refill
	GL-Class (X164) GL 350 BlueTEC 4MATIC	Euro 6	09/2009	
	GL/GLS-Class (X166) GLS 350 d 4MATIC	Euro 6	11/2012	Outside refill
	Vito (Vito 447) Vito 119 BlueTEC	Euro 6	09/2014	Outside refill
	V-Class (V447) V 250 BlueTEC V 250 BlueTEC 4MATIC	Euro 6	06/2014 03/2015	Outside refill



SCR/AdBlue® Vehicles – Jaguar Land Rover

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Jaguar
Land
Rover
Models

Picture	Vehicle series and individual types		Emissions level	Introduction
	Jaguar XE	2.0L Diesel	Euro 6	2015
	Jaguar XJ	3.0L Diesel	Euro 6	2015
	Range Rover	3.0L Diesel 4.4L Diesel	Euro 6	2015
	Range Rover Sport	3.0L Diesel	Euro 6	2015
	Range Rover Evoque	2.0L Diesel	Euro 6	2015
	Discovery	3.0L Diesel	Euro 6	2015
	Discovery Sport	2.0L Diesel	Euro 6	2015



SCR/AdBlue® Vehicles – Opel/Vauxhall

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Opel/
Vauxhall
Models

Picture	Vehicle series and individual types		Emissions level	Introduction	
	Zafira Tourer	1.6 CDTI ECOFlex	Euro 6	04/2013	Outside refill
		2.0 CDTI 2.0 CDTI ECOFlex		02/2015	
	Insignia 4 door	2.0 CDTI	Euro 6	01/2015	Outside refill
		2.0 CDTI ECOFlex 2.0 BiTurbo CDTI 2.0 BiTurbo CDTI ECOFlex			
	Insignia 5 door	2.0 CDTI	Euro 6	01/2015	Outside refill
		2.0 CDTI ECOFlex 2.0 BiTurbo CDTI 2.0 BiTurbo CDTI ECOFlex			
	Insignia Tourer	2.0 CDTI	Euro 6	01/2015	Outside refill
		2.0 CDTI ECOFlex 2.0 BiTurbo CDTI 2.0 BiTurbo CDTI ECOFlex			
	Insignia Country Tourer	2.0 CDTI	Euro 6	01/2015	Outside refill
		2.0 CDTI ECOFlex 2.0 BiTurbo CDTI			
	Cascada	2.0 CDTI 2.0 CDTI ECOFlex 2.0 BiTurbo CDTI ECOFlex	Euro 6	03/2013	Outside refill



SCR/AdBlue® Vehicles – Peugeot

24
Peugeot
Models

Picture	Vehicle series and individual types		Emissions level	Introduction	
	208	1.6 L BlueHDi 120 1.6 L BlueHDi 100 1.6 L BlueHDi 75	Euro 6	11/2014 02/2015 06/2015	
	301	1.6 L BlueHDi 100	Euro 6	05/2015	
	308	2.0 L BlueHDi 150 1.6 L BlueHDi 120 & 100 2.0 L BlueHDi 180	Euro 6	02/2014 04/2014 11/2014	
	508	2.0 L BlueHDi 150 & 180 1.6 L BlueHDi 120	Euro 6	10/2013 02/2015	
	2008	1.6 L BlueHDi 120 1.6 L BlueHDi 100 & 75	Euro 6	11/2014 05/2015	
	3008/5008	1.6 L BlueHDi 120 2.0 L BlueHDi 150	Euro 6	07/2014 07/2014	
	Partner	1.6 L BlueHDi 120 1.6 L BlueHDi 100 & 75	Euro 6	02/2015 05/2015	Outside refill
	Boxer Combi	2.0 L BlueHDi 110, 130 & 160	Euro 6	09/2015	Outside refill



SCR/AdBlue® Vehicles – Citroën




19
Citroën
Models

Picture	Vehicle series and individual types		Emissions level	Introduction	
	C3	1.6 L BlueHDi 100 & 75 kW	Euro 6	11/2014	
	C3 Elysée	1.6 L BlueHDi 100 kW	Euro 6	05/2015	
	C4 Cactus	1.6 L BlueHDi 100 kW	Euro 6	07/2014	
	C4	1.6 L BlueHDi 120 & 100 kW 2.0 L BlueHDi 150 kW	Euro 6	11/2014 02/2015	
	C5	2.0 L BlueHDi 150 kW 2.0 L BlueHDi 180 kW	Euro 6	07/2015 11/2015	
	C3 Picasso	1.6 L BlueHDi 100 kW	Euro 6	02/2015	
	C4 Picasso	2.0 L BlueHDi 150 kW 1.6 L BlueHDi 120 kW 1.6 L BlueHDi 100 kW	Euro 6	09/2013 11/2014 02/2015	
	Berlingo	1.6 L BlueHDi 120 kW 1.6 L BlueHDi 100 & 75 kW	Euro 6	02/2015 05/2015	Outside refill
	Jumper Combi	2.0 L BlueHDi 110, 130 & 160 kW	Euro 6	09/2015	Outside refill



SCR/AdBlue® Vehicles – DS




9
DS
Models

Picture	Vehicle series and individual types	Emissions level	Introduction
	DS 3 1.6 L BlueHDi 120 1.6 L BlueHDi 100 1.6 L BlueHDi 75	Euro 6	05/2014 07/2014 11/2014
	DS 4 1.6 L BlueHDi 120 2.0 L BlueHDi 180 & 150	Euro 6	11/2014 02/2015
	DS 5 2.0 L BlueHDi 180 1.6 L BlueHDi 120 2.0 L BlueHDi 150	Euro 6	11/2013 05/2014 11/2014



SCR/AdBlue® Vehicles – Renault

4
Renault
Models

Picture	Vehicle series and individual types	Emissions level	Introduction	
	Trafic Twin Turbo dCi 120 kW Twin Turbo dCi 140 kW	Euro 6	09/2015	Outside refill
	Master Energy dCi 135 kW Energy dCi 165 kW	Euro 6	09/2015	Outside refill
				



SCR/AdBlue® Technology – Audi Vehicles

46
Audi
Models

Picture	Vehicle series and individual types		Emissions level	Introduction	
	A4	2.0 TDI (100, 110, 140kW)	Euro 6	2014	Outside refill
	A4 Avant	2.0 TDI (100, 110, 140kW)	Euro 6	2014	Outside refill
	A4 allroad quattro	2.0 TDI (110, 140kW) 3.0 TDI (180kW)	Euro 6	2014	Outside refill
	A5 Coupe	2.0 TDI (120, 140kW) 3.0 TDI quattro (160, 180kW)	Euro 6	2014	Outside refill
	A5 Sportback	2.0 TDI (100, 110, 120, 140kW) 3.0 TDI quattro (160, 180kW)	Euro 6	2014	Outside refill
	A5 Cabrio	2.0 TDI (110, 140kW) 3.0 TDI quattro (160, 180kW)	Euro 6	2014	Outside refill
	A6	2.0 TDI (110, 140kW) 3.0 TDI quattro (160, 180kW)	Euro 6	2014	Outside refill
	A6 Avant	2.0 TDI (110, 140kW) 3.0 TDI quattro (160, 180kW)	Euro 6	2014	Outside refill



SCR/AdBlue® Vehicles – Audi

46
Audi
Models

Picture	Vehicle series and individual types		Emissions level	Introduction	
	A6 allroad quattro	3.0 TDI (160, 200, 235kW)	Euro 6	2014	Outside refill
	A7 Sportback	3.0 TDI quattro (160, 200, 235kW)	Euro 6	2014	Outside refill
	A8	3.0 TDI quattro (193kW)	Euro 6	2013	Outside refill
	A8 lang	3.0 TDI quattro (193kW)	Euro 6	2013	Outside refill
	Q3	2.0 TDI (88, 110kW)	Euro 6	2014	Outside refill
	Q5	2.0 TDI quattro (110, 120, 140kW) 3.0 TDI quattro (190kW)	Euro 6	2012	Outside refill
	Q7	3.0 TDI quattro (200kW)	Euro 6	2015	Outside refill



SCR/AdBlue® Vehicles – Volkswagen

25
VW
Models

Picture	Vehicle series and individual types	Emissions level	Introduction	
	VW Passat (B7+B8) 2,0l / 103 kW BlueTDI 1,6l / 88 kW Blue Motion TDI SCR 2,0l / 110 kW TDI SCR 2,0l / 140,176 kW TDI SCR	Euro 5 Euro 6	2009 2015 2014 2014	Partly outside refill
	VW Passat Variant (B7+B8) 2,0l / 103 kW BlueTDI 2,0l / 110 kW TDI SCR 2,0l / 140,176 kW TDI SCR	Euro 5 Euro 6	2009 2015 2014	Partly outside refill
	VW Touran 1,6l / 85 kW TDI SCR 2,0l / 110 kW TDI SCR	Euro 6	2015 2015	Outside refill
	VW Tiguan 2,0l / 85 kW TDI SCR 2,0l / 110 kW TDI SCR 2,0l / 135 kW TDI SCR	Euro 6	2015 2015 2015	Outside refill
	VW Sharan 2,0l / 85,113,113 kW 4Motion,130 kW TDI SCR 2,0l / 85,100,110,135 kW TDI SCR	Euro 5 Euro 6	2010 2015	
	VW Touareg 3,0l/ 150 kW TDI SCR 3,0l/ 193 kW TDI SCR	Euro 6	2014 2014	
	VW Passat CC 2,0l / 103 kW Blue TDI SCR	Euro 5	2009	



SCR/AdBlue® Vehicles – Škoda



17
Škoda
Models

Picture	Vehicle series and individual types	Emissions level	Introduction	
	Superb III 2,0 l / 110 kW TDI SCR - 4x4 2,0 l / 140 kW TDI SCR 2,0 l / 140 kW TDI SCR - AG 2,0 l / 140 kW TDI SCR - 4x4 AG	Euro 6	2015	Outside refill
	Superb III Combi 2,0 l / 110 kW TDI SCR - 4x4 2,0 l / 140 kW TDI SCR 2,0 l / 140 kW TDI SCR - AG 2,0 l / 114 kW TDI SCR - 4x4 AG	Euro 6	2015	Outside refill
	Yeti 2,0 l / 81 kW TDI SCR 2,0 l / 81 kW TDI SCR -4x4 2,0 l / 110 kW TDI SCR 2,0 l / 110 kW TDI SCR - 4x4 2,0 l / 110 kW TDI SCR - 4x4 AG	Euro 6	2015	
	Yeti Outdoor 2,0 l / 81 kW TDI SCR 2,0 l / 81 kW TDI SCR -4x4 2,0 l / 110 kW TDI SCR - 4x4 2,0 l / 110 kW TDI SCR - 4x4 AG	Euro 6	2015	



SCR/AdBlue® Vehicles – Porsche

2
Porsche
Models



Picture	Vehicle series and individual types		Emissions level	Introduction
	Porsche Cayenne	3,0l/ TDI / 193kW	Euro 6	10/2014
	Porsche Macan	3,0l/ TDI / 190kW	Euro 6	04/2014

Outside refill



SCR/AdBlue® Vehicles – SEAT

6
SEAT
Models

Picture	Vehicle series and individual types		Emissions level	Introduction
	<i>B-MPV-class</i>	Alhambra 2,0l TDI (85/103/130kW)	Euro 5	06/2010
	<i>B-MPV-class</i>	Alhambra 2,0l TDI (85/110/135kW)	Euro 6	05/2015



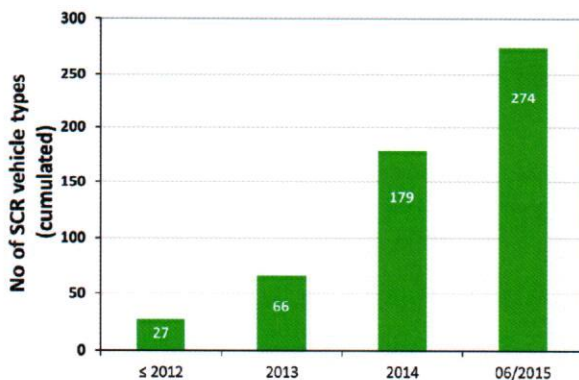
SCR/AdBlue® Vehicles – Summary

Manufacturer	Model line	Types	1st Launch
BMW Group	5	19	2013
Daimler AG	22	72	2009
Jaguar Land Rover	7	8	2015
Opel Group	6	21	2013
PSA Peugeot Citroën	21	52	2013
Renault SA	2	4	2015
Volkswagen AG	33	96	2009
Total	96 vehicle series	272 individual models	

A remarkable number of SCR passenger car/van models (mostly Euro 6) have already entered the European market.



SCR/AdBlue® Vehicles – Increase in Types



Growth in SCR vehicle types

2012 → 2013: 140 %

2013 → 2014: 170 %
(9/2014: Euro 6 for new series)

2014 → M2015: 50 %
(9/2015 Euro 6 for ongoing series)

Perspective with RDE in mind: The SCR technology will become even a more widespread technology for NOx reduction in diesel passenger cars and vans in the future.



SCR/AdBlue® Technology – The Requirement



An appropriate and convenient AdBlue® infrastructure for our passenger car and van customers must soon start to be established

