

Initial quick test log

Model series	Arocs (964) / 964.218
MB workshop	831 - GS00111391
Vehicle identification number	W1T96421X20643169
Steering variant	Right-hand drive vehicle
Main odometer reading	22399.1km
Software version	33.6.2.4_v2
Data status	09/2023
Battery voltage	25.0V
Hardware ID	C08A0A901FB1
Application ID	256
Time of quick test creation	05.12.2023 06:22:14

XENTRY system number	529892
Serial number of diagnostic unit:	42224W016863

Operating hours counter (Engine): 2328.0h

VIN (Internal): The data could not be read out from VeDoc.

Installed add-on versions: 26689, 26701, 27034, 27048, 27186, 27187, 27286, 27287, 27289, 27291, 27292, 27305, 27306, 27307, 27309, 27311, 27312, 27313, 27314, 27315, 27316, 27317, 27318, 27319, 27321, 27322, 27323, 27324, 27326, 27327, 27328, 27329, 27330, 27331, 27332, 27333, 27334, 27335, 27336, 27341, 27346, 27350, 27355, 27358, 27361, 27365, 27370, 27375, 27378, 27383, 27384, 27385, 27388, 27389, 27395, 27398, 27399, 27402, 27404, 27407, 27411, 27416, 27422, 27429, 27432, 27439, 27443, 27449, 27453, 27457, 27460, 27464, 27465, 27471, 27473, 27476, 27478, 27485, 27491, 27496, 27497, 27500, 27504, 27507, 27514, 27524, 27526, 27534, 27535, 27537, 27540, 27543, 27546, 27549, 27550, 27553, 27554, 27557, 27558, 27561, 27565, 27570, 27571, 27575, 27578, 27581, 27584, 27586, 27588, 27591, 27596, 27599, 27602, 27605, 27609, 27611, 27614, 27615, 27616, 27619, 27621, 27628, 27629, 27632, 27635, 27636, 27638, 27641, 27645, 27649, 27657, 27658, 27664, 27667, 27669, 27671, 27673, 27675, 27678, 27679, 27684, 27688, 27689, 27691, 27693, 27699, 27703, 27704, 27705, 27708, 27709, 27712, 27717, 27718, 27720, 27723, 27724, 27728, 27731, 27732, 27739, 27740, 27742, 27744, 27746, 27747, 27750, 27751, 27753, 27757, 27760, 27764, 27765, 27769, 27772, 27774, 27775, 27778, 27780, 27781, 27783, 27784, 27787, 27788, 27789, 27791, 27795, 27796, 27798, 27800, 27802, 27807, 27808, 27809, 27810, 27811, 27814, 27817, 27821, 27823, 27825, 27828, 27834, 27836, 27839, 27842, 27845, 27847, 27848, 27850, 27852, 27853, 27855, 27856, 27857, 27859, 27862, 27863, 27864, 27865, 27866, 27868, 27872, 27875, 27876, 27879, 27885, 27887, 27888, 27889, 27893, 27899, 27901, 27903, 27904, 27907, 27908, 27911, 27912, 27915, 27919, 27920, 27922, 27925, 27926, 27929, 27931, 27934, 27936, 27937, 27939, 27942, 27944, 27947, 27951, 27954, 27956, 27958, 27960, 27962, 27965, 27966, 27968, 27970, 27972, 27974, 27975, 27981, 27982, 27984, 27986, 27989, 27991, 27996, 28000, 28004, 28008, 28015, 28018, 28019, 28020, 28026, 28028

CGW - Central gateway (A2)

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Model	Part number	Supplier	Version
Hardware	001 446 19 27 001	Bosch	15/33 02
Software	001 448 19 27 003	Bosch	22/10 02
Boot software	---	---	21/41 00

Diagnosis identifier	020606	Control unit variant	App_020606
Hardware model	CGW04T	Control unit variant	highline
Diagnosis compatibility list	00 06 00	Current vehicle identification number	W1T96421X20643169
Original vehicle identification number	W1T96421X20643169		

ACM - Exhaust aftertreatment (A60)

-F-

Model	Part number	Supplier	Version
Hardware	001 446 01 54 001	Continental	16/51 00
Boot software	---	---	14/21 00
Diagnosis identifier	000E2A	Software supplier	Continental
Control unit variant	acm_0x0E2A	Hardware model	ACM21T
Software release of control unit 'A60'	E7.56.5.0	Maximum temperature in component 'B72 (Exhaust temperature sensor upstream of SCR catalytic converter)'	362°C
Maximum temperature in component 'B73 (Exhaust temperature sensor downstream of SCR catalytic converter)'	304°C	Version of data record	R_E0756500_15XX_DT6D_CL2239S
MB object number for software A60	0174482354001	MB object number for data record A60	0364489554001
Serial number of control unit A60	01ACE41C	CAL-ID	1905990400030000
CVN (calibration verification number)	12 DA 52 C4	Certification number	OM471-5-1-A-01
Indicator lamp 'MIL (Malfunction Indication Lamp)'	ON	Number of operating hours since fault memory last erased	1070.9h
Fill level of AdBlue® tank	95.35%		

Fault	Text	Status																																																																											
970C07	The conditions for operational readiness of component 'A70 b1 (NOx sensor, exhaust aftertreatment unit inlet)' were not put in place in time.	A+S 																																																																											
	<table> <tr> <th>Name</th><th>First occurrence</th><th>Last occurrence</th></tr> <tr> <td>Battery voltage</td><td>---</td><td>28.42V</td></tr> <tr> <td>Engine speed</td><td>---</td><td>832.00 1/min</td></tr> <tr> <td>Torque</td><td>---</td><td>18.00%</td></tr> <tr> <td>Status of AdBlue® metering device</td><td>---</td><td>01</td></tr> <tr> <td>Readiness request of component 'A58'</td><td>---</td><td>1</td></tr> <tr> <td>Indicator lamp 'MIL'</td><td>---</td><td>MI_FLASH</td></tr> <tr> <td>Status of CAN bus</td><td>---</td><td>00</td></tr> <tr> <td>NOx concentration downstream of SCR catalytic converter</td><td>---</td><td>252.00ppm</td></tr> <tr> <td>NOx concentration upstream of SCR catalytic converter</td><td>---</td><td>105.00ppm</td></tr> <tr> <td>Requested AdBlue® metering amount</td><td>---</td><td>0.00g/h</td></tr> <tr> <td>Pressure in AdBlue® supply circuit</td><td>---</td><td>3.52000bar</td></tr> <tr> <td>Exhaust temperature downstream of SCR catalytic converter</td><td>---</td><td>182.00°C</td></tr> <tr> <td>Temperature in AdBlue® tank</td><td>---</td><td>34.00°C</td></tr> <tr> <td>Ambient temperature</td><td>---</td><td>28.00°C</td></tr> <tr> <td>Frequency counter</td><td>---</td><td>1</td></tr> <tr> <td>Main odometer reading</td><td>22032.00km</td><td>22032.00km</td></tr> <tr> <td>Number of ignition cycles since the last occurrence of the fault</td><td>---</td><td>0</td></tr> <tr> <td>Operating hours counter</td><td>2288h</td><td>2288h</td></tr> <tr> <td>Year</td><td>2023.00Year</td><td>2023.00Year</td></tr> <tr> <td>Month</td><td>12.00Month</td><td>12.00Month</td></tr> <tr> <td>Day</td><td>2.00Day</td><td>2.00Day</td></tr> <tr> <td>hours</td><td>15.00h</td><td>15.00h</td></tr> <tr> <td>minutes</td><td>12.00min</td><td>12.00min</td></tr> <tr> <td>seconds</td><td>50.00s</td><td>50.00s</td></tr> </table>	Name	First occurrence	Last occurrence	Battery voltage	---	28.42V	Engine speed	---	832.00 1/min	Torque	---	18.00%	Status of AdBlue® metering device	---	01	Readiness request of component 'A58'	---	1	Indicator lamp 'MIL'	---	MI_FLASH	Status of CAN bus	---	00	NOx concentration downstream of SCR catalytic converter	---	252.00ppm	NOx concentration upstream of SCR catalytic converter	---	105.00ppm	Requested AdBlue® metering amount	---	0.00g/h	Pressure in AdBlue® supply circuit	---	3.52000bar	Exhaust temperature downstream of SCR catalytic converter	---	182.00°C	Temperature in AdBlue® tank	---	34.00°C	Ambient temperature	---	28.00°C	Frequency counter	---	1	Main odometer reading	22032.00km	22032.00km	Number of ignition cycles since the last occurrence of the fault	---	0	Operating hours counter	2288h	2288h	Year	2023.00Year	2023.00Year	Month	12.00Month	12.00Month	Day	2.00Day	2.00Day	hours	15.00h	15.00h	minutes	12.00min	12.00min	seconds	50.00s	50.00s	
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A+S=CURRENT and STORED

ASAM - Advanced signal acquisition and actuation module (A7)

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Model	Part number	Supplier	Version
Hardware	002 446 54 58 001	Continental	21/19 00
Software	004 448 61 58 001	Continental	21/20 00
Software	004 448 62 58 001	Continental	19/04 00
Software	004 448 63 58 001	Continental	21/20 00
Software	004 448 64 58 001	Continental	19/04 00
Software	004 448 65 58 001	Continental	21/20 00
Software	004 448 66 58 001	Continental	18/42 00
Software	004 448 67 58 001	Continental	21/20 00
Software	003 448 47 58 001	Marquardt	15/41 00
Boot software	---	---	19/07 00
Diagnosis identifier	000815	Control unit variant	App_0815
Hardware model	ASAM01T		
	Fault	Text	Status
	7DF7E3	Component 'M16 (Window washer fluid pump)' has a short circuit to positive.	S

Fault	Text	First occurrence	Last occurrence	Status
	Name			
	Frequency counter	---	126.00	
	Main odometer reading	11696.00km	17856.00km	
	Number of ignition cycles since the last occurrence of the fault	---	6.00	
7BF7E3	Pin M15.X1.4 at component 'M15 (Wiper motor)' has a short circuit to positive.			S
	Name			
	Frequency counter	---	1.00	
	Main odometer reading	22096.00km	22096.00km	
	Number of ignition cycles since the last occurrence of the fault	---	36.00	
A3F3E5	Component 'E2e1 (Right side turn signal light)' has an open circuit.			S
	Name			
	Frequency counter	---	126.00	
	Main odometer reading	12800.00km	13152.00km	
	Number of ignition cycles since the last occurrence of the fault	---	3.00	

S=STORED

CPC - Drive control (A3a)

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Model	Part number	Supplier	Version
Hardware	055 446 43 02 001	Bosch	22/09 00
Boot software	055 448 03 02 001	Bosch	20/08 00
Control unit software	055 448 31 02 001	Bosch	22/17 10
Data record	028 448 51 02 001	MB	21/44 00
Diagnosis identifier	023009	Control unit variant	App_3009
Hardware model	CPC501T	Transmission mode	Information can be found under tab 'Adaptations' in menu item '040 Transmissi on mode'.

DCMD - Door module "Driver" (A16)

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Model	Part number	Supplier (Supplier ID)	Version
Hardware	960 446 17 32 001	Conti Temic (60)	15/05 00
Software	960 448 19 32 001	Conti Temic (60)	20/11 00
MB object number for hardware and software	---	Diagnosis identifier	00000B
Control unit variant	App_0011	Hardware model	DCMD01T

DCMP - Door module "Front passenger" (A17)

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Model	Part number	Supplier	Version
Hardware	960 446 27 19 001	Conti Temic	15/05 00
Software	960 448 19 19 001	---	20/11 00
Diagnosis identifier	00000B	Control unit variant	App_0011
Hardware model	DCMP01T		

EAPU - Electronic Air-Processing Unit (A18)

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Model	Part number	Supplier	Version
Hardware	002 446 31 64 001	Knorr	21/09 00
Software	000 448 57 64 002	Knorr	21/10 01
Boot software	---	---	18/13 00
Diagnosis identifier	000309	Control unit variant	App_0309
Hardware model	EAPU03T		

EBS - Electronic brake system (A10b)

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Model	Part number	Supplier	Version
Hardware	001 446 32 36 001	Wabco Automotive	11/35 00
Software	001 448 49 36 001	Wabco Automotive	20/11 00
Boot software	---	---	16/16 00
Diagnosis identifier	000712	Control unit variant	App_0712
Hardware model	EBS01T	DSC Data status	0
DSC Version number	11843	DSC Week	10
DSC Year	20		

HVAC - Heating, ventilation and air conditioning (A12b)

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Model	Part number	Supplier	Version
Hardware	960 446 97 28 001	Valeo	14/51 00
Software	000 448 52 28 001	Valeo	15/08 00
Boot software	---	---	10/33 00
Diagnosis identifier	00020E	Control unit variant	App_020E_Tempmatic
Hardware model	HVAC01T	Equipment 'Air conditioning'	PRESENT
Equipment 'Automatic air conditioning'	NOT PRESENT	Equipment 'Display'	NOT PRESENT
Equipment 'Stationary air conditioner'	NOT PRESENT	Equipment 'Auxiliary heating'	NOT PRESENT
Equipment 'Residual heat utilization'	NOT PRESENT	Equipment 'Air quality sensor'	NOT PRESENT
Equipment 'Economy'	PRESENT		

ICUC - Instrument cluster (A1)

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Model	Part number	Supplier	Version
Hardware	013 446 51 21 001	Stoneridge	20/26 00
Software	032 448 98 21 001	---	22/11 01
Software	036 448 63 21 001	---	22/10 20
Software	037 448 34 21 001	---	22/10 20
Software	026 448 61 21 001	---	22/10 20
Software	024 448 57 21 001	---	22/10 20
Software	036 448 64 21 001	---	22/10 20
Software	---	---	22/01 01
Software	---	---	15/08 00
Boot software	---	---	21/37 01
Diagnosis identifier	000045	Control unit variant	APP_0045
Hardware model	ICUC01T	Serial number of control unit	22402-0262

Fault	Text	Status															
1EFBFF	Signal or transmission error from control unit 'A7 (Advanced signal acquisition and actuation module (ASAM) control unit)'	S															
	<table> <tr> <th>Name</th><th>First occurrence</th><th>Last occurrence</th></tr> <tr> <td>Frequency counter</td><td>---</td><td>52.00</td></tr> <tr> <td>Main odometer reading</td><td>14928.00km</td><td>22384.00km</td></tr> <tr> <td>Number of ignition cycles since the last occurrence of the fault</td><td>---</td><td>2.00</td></tr> <tr> <td>Additional information</td><td>---</td><td>00</td></tr> </table>	Name	First occurrence	Last occurrence	Frequency counter	---	52.00	Main odometer reading	14928.00km	22384.00km	Number of ignition cycles since the last occurrence of the fault	---	2.00	Additional information	---	00	
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Frequency counter	---	24.00															
Main odometer reading	12672.00km	22144.00km															
Number of ignition cycles since the last occurrence of the fault	---	33.00															
Additional information	---	00															

S=STORED

MCM - Engine management (A4)

-f-

Model	Part number	Supplier	Version
Hardware	002 446 50 35 001	Continental	---
Diagnosis identifier	000BE2	Control unit variant	mcm_0x0BE2
Hardware model	MCM21T	Software module 'Release'	12
Software module 'Subrelease'	11	Software module 'Patch'	0
Software module 'Prototype'	3	MB object number for software	0384484635001
Version of data record	R_M121103_1HL541S239	MB object number for data record	0784481335001
Serial number of control unit	02B016FD	Engine number	471922C0780743
CAL-ID	1905110400030000	CVN (calibration verification number)	06 74 50 3C
Certification number	OM471LA.5-11-00	Theft protection	Immobilizer (FBS2)
Operating hours counter	2328.00h	Number of driving cycles	1647.00

Fault	Text	Status																																																																																																																														
BE0000	The engine speed is too high.	S 																																																																																																																														
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B610 (Turbine wheel rpm sensor)</td><td>---</td><td>76155.00 1/min</td></tr> <tr> <td>Charge air temperature - B617 (Charge air temperature sensor in charge air housing)</td><td>---</td><td>46.00°C</td></tr> <tr> <td>Rail pressure - B622 (Rail pressure sensor)</td><td>---</td><td>496.00bar</td></tr> <tr> <td>Rail pressure (specified value)</td><td>---</td><td>496.00bar</td></tr> <tr> <td>Rail pressure variation</td><td>---</td><td>0.00bar</td></tr> <tr> <td>Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet))</td><td>---</td><td>Signal not available</td></tr> <tr> <td>Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor)</td><td>---</td><td>7.78bar</td></tr> <tr> <td>Current injection quantity / Injection quantity per cylinder</td><td>---</td><td>0.00mm^3/st</td></tr> <tr> <td>Currently injected fuel mass</td><td>---</td><td>0.00kg</td></tr> <tr> <td>Current correction value for fuel flow rate in high-pressure fuel circuit</td><td>---</td><td>10.28L/h</td></tr> <tr> <td>Pressure boost during the injection</td><td>---</td><td>-1.00</td></tr> <tr> <td>Calculated leakage value of high-pressure fuel circuit</td><td>---</td><td>0.88</td></tr> <tr> <td>Ambient pressure</td><td>---</td><td>1.01000bar</td></tr> <tr> <td>Ambient temperature</td><td>---</td><td>24.50°C</td></tr> <tr> <td>Vehicle speed</td><td>---</td><td>38.00km/h</td></tr> <tr> <td>Fill level of fuel tank</td><td>---</td><td>76.00%</td></tr> <tr> <td>Actual current of quantity control valve</td><td>---</td><td>3.05150A</td></tr> <tr> <td>Position of exhaust gas recirculation positioner (actual value)</td><td>---</td><td>51.84%</td></tr> <tr> <td>Frequency counter "Opening of pressure limiting valve"</td><td>---</td><td>0.00</td></tr> <tr> <td>Current engine torque</td><td>---</td><td>-826.77Nm</td></tr> <tr> <td>Immobilizer</td><td>---</td><td>Classic</td></tr> <tr> <td>Status of torque limitation</td><td>---</td><td>Torque Limiter Requested and Not Active</td></tr> <tr> <td>Warning lamp</td><td>---</td><td>MI_OFF</td></tr> <tr> <td>Frequency counter 'Ignition cycle'</td><td>---</td><td>00 C8</td></tr> <tr> <td>Fault type</td><td>---</td><td>107.00</td></tr> <tr> <td>Additional information</td><td>---</td><td>-1.00</td></tr> <tr> <td>Acceleration Cylinder 1</td><td>---</td><td>-24.50 1/min</td></tr> <tr> <td>Acceleration Cylinder 2</td><td>---</td><td>-29.50 1/min</td></tr> <tr> <td>Acceleration Cylinder 3</td><td>---</td><td>-26.00 1/min</td></tr> <tr> <td>Acceleration Cylinder 4</td><td>---</td><td>-18.00 1/min</td></tr> <tr> <td>Acceleration Cylinder 5</td><td>---</td><td>-20.50 1/min</td></tr> <tr> <td>Acceleration Cylinder 6</td><td>---</td><td>-22.50 1/min</td></tr> </table>	Name	First occurrence	Last occurrence	Status of combustion engine	---	Torque Demand	Operating mode of combustion engine	---	TM5: Standard operation mode (low NOX / high NOX)	Engine speed - B600 (Crankshaft position sensor)	---	2639.00 1/min	Fuel temperature - B602 (Fuel temperature sensor)	---	52.86°C	Engine oil pressure - B604 (Oil pressure sensor)	---	4.40bar	Oil temperature - B605 (Engine oil fill level sensor)	---	102.27°C	Coolant temperature - B606 (Exhaust coolant temperature sensor)	---	87.00°C	Exhaust gas temperature	---	0.00°C	Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe)	---	1.92000bar	Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor)	---	76155.00 1/min	Charge air temperature - B617 (Charge air temperature sensor in charge air housing)	---	46.00°C	Rail pressure - B622 (Rail pressure sensor)	---	496.00bar	Rail pressure (specified value)	---	496.00bar	Rail pressure variation	---	0.00bar	Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet))	---	Signal not available	Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor)	---	7.78bar	Current injection quantity / Injection quantity per cylinder	---	0.00mm^3/st	Currently injected fuel mass	---	0.00kg	Current correction value for fuel flow rate in high-pressure fuel circuit	---	10.28L/h	Pressure boost during the injection	---	-1.00	Calculated leakage value of high-pressure fuel circuit	---	0.88	Ambient pressure	---	1.01000bar	Ambient temperature	---	24.50°C	Vehicle speed	---	38.00km/h	Fill level of fuel tank	---	76.00%	Actual current of quantity control valve	---	3.05150A	Position of exhaust gas recirculation positioner (actual value)	---	51.84%	Frequency counter "Opening of pressure limiting valve"	---	0.00	Current engine torque	---	-826.77Nm	Immobilizer	---	Classic	Status of torque limitation	---	Torque Limiter Requested and Not Active	Warning lamp	---	MI_OFF	Frequency counter 'Ignition cycle'	---	00 C8	Fault type	---	107.00	Additional information	---	-1.00	Acceleration Cylinder 1	---	-24.50 1/min	Acceleration Cylinder 2	---	-29.50 1/min	Acceleration Cylinder 3	---	-26.00 1/min	Acceleration Cylinder 4	---	-18.00 1/min	Acceleration Cylinder 5	---	-20.50 1/min	Acceleration Cylinder 6	---	-22.50 1/min	
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Fault	Text	Status	
	Name	First occurrence	Last occurrence
	Time [min] Fuel temperature > Threshold 1	---	0.00min
	Time [min] Fuel temperature > Threshold 2	---	0.00min
	Position of throttle valve actuator (actual value)	---	Signal not available
	Position of accelerator pedal	---	0.00%
	Preinjection 1	---	Disable
	Preinjection 2	---	Disable
	Main injection	---	Disable
	Post injection 1	---	Disable
	Post injection 2	---	Disable
	Post injection 3	---	Disable
	Post injection 4	---	Disable
	Injector voltage	---	42.75V
	Torque limitation by engine protection function	---	Not Activated
	Torque limitation	---	60.00%
	Battery voltage	---	28.42V
	Frequency counter	---	7.00
	Main odometer reading	13040.00km	19184.00km
	Number of ignition cycles since the last occurrence of the fault	---	255.00
	Number of operating hours	1135.00h	1889.00h
	Year	2023.00years	2023.00years
	Month	9.00months	11.00months
	Day	14.00day	1.00day
	hours	21.00h	6.00h
	minutes	41.00min	44.00min
	seconds	41.00SEC	31.00SEC
	Time elapsed [s] in status 'ACTIVE' of fault code	---	21.00s

S=STORED

MS - Maintenance system (A2 a3)

-✓-

Model	Part number	Supplier	Version
Hardware	001 446 19 27 001	Bosch	15/33 02
Software	001 448 19 27 003	Bosch	22/10 02
Diagnosis identifier	000110	Control unit variant	App_0116
Hardware model	MS01T		

TCM - Transmission control (A5)

-✓-

Model	Part number	Supplier	Version
Hardware	010 446 55 09 001	Wabco Automotive	14/47 00
Software	010 448 57 09 001	Wabco Automotive	20/26 00
Boot software	---	---	15/46 00
Diagnosis identifier	000016	Control unit variant	App_0016
Hardware model	TCM01T	Control unit software number	201402
Transmission variant	G280-16		