

## ATTACHMENT B

### Emission Modification Configuration Components

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
GL320	2009	9MBXT03.0U2B	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. DOC</li> <li>5. DPF</li> <li>6. DEF Injector</li> <li>7. Crankcase Ventilation Valve (including line and heating element)</li> <li>8. Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</li> <li>9. Charge Air Distribution Line Transverse Tube</li> <li>10. Intake Port Shut-Off Actuator</li> <li>11. Clean Air Duct with Mass Air Flow Sensors</li> <li>12. EGR Valve (Actuator)</li> <li>13. EGR Cooler</li> <li>14. EGR Line(s)</li> <li>15. Lambda sensor</li> </ol>	5	<del>8 August 30</del> , 2021 <u>November</u>	4

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
ML320 R320	2009	9MBXT03.0U2A	Federal Tier 2 Bin 5 LDT3 (ALVW 3751- 5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1. NOx sensors (TT3)</u> <u>2. ECU</u> <u>3. Copper SCR Catalyst</u> <u>4. DOC</u> <u>5. DPF</u> <u>6. DEF Injector</u> <u>7. Crankcase Ventilation Valve (including line and heating element)</u> <u>8. Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</u> <u>9. Charge Air Distribution Line Transverse Tube</u> <u>10. Intake Port Shut-Off Actuator</u> <u>11. Clean Air Duct with Mass Air Flow Sensors</u> <u>12. EGR Valve (Actuator)</u> <u>13. EGR Cooler</u> <u>14. EGR Line(s)</u> <u>15. Lambda sensor</u>	5	<u>November 8</u> <del>August 30</del> , 2021	4

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
GL350	2010	AMBXT03.0U2B	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1. NOx sensors (TT3)</u> <u>2. ECU</u> <u>3. Copper SCR Catalyst</u> <u>4. DOC</u> <u>5. DPF</u> <u>6. DEF Injector</u> <u>7. Crankcase Ventilation Valve (including line and heating element)</u> <u>8. Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</u> <u>9. Charge Air Distribution Line Transverse Tube</u> <u>10. Intake Port Shut-Off Actuator</u> <u>11. Clean Air Duct with Mass Air Flow Sensors</u> <u>12. EGR Valve (Actuator)</u> <u>13. EGR Cooler</u> <u>14. EGR Line(s)</u>	5	<del>8 August 30, 2021</del> <u>November</u>	4

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
ML350 R350	2010	AMBXT03.0U2A	Federal Tier 2 Bin 5 LDT3 (ALVW 3751- 5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li><u>1. NOx sensors (TT3)</u></li> <li><u>2. ECU</u></li> <li><u>3. Copper SCR Catalyst</u></li> <li><u>4. DOC</u></li> <li><u>5. DPF</u></li> <li><u>6. DEF Injector</u></li> <li><u>7. Crankcase Ventilation Valve (including line and heating element)</u></li> <li><u>8. Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</u></li> <li><u>9. Charge Air Distribution Line Transverse Tube</u></li> <li><u>10. Intake Port Shut-Off Actuator</u></li> <li><u>11. Clean Air Duct with Mass Air Flow Sensors</u></li> <li><u>12. EGR Valve (Actuator)</u></li> <li><u>13. EGR Cooler</u></li> <li><u>14. EGR Line(s)</u></li> </ol>	5	<del>August 30</del> , <u>November 8</u> , 2021	4
Sprinter 6-cyl. (OM642), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2010	AMBXT03.0HD1	Federal HDV 40 C.F.R. § 1816- 08 (8500-10000 GVWR) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<ol style="list-style-type: none"> <li><u>1. NOx sensors (TT3)</u></li> <li><u>2. ECU</u></li> <li><u>3. Copper SCR Catalyst</u></li> <li><u>4. Instrument Cluster if existing part number is 9069018200 or 9069018600</u></li> </ol>	2	Prior to signature	1

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
Sprinter 6-cyl. (OM642), 5T (Freightliner 3500, Sprinter 3500 CDI)	2010	AMBXT03.0HD2	Federal HDV 40 C.F.R. § 1816-08 (10001-14000 GVWR) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. Instrument Cluster if existing part number is 9069018200 or 9069018600</li> </ol>	2	Prior to signature	1
E350	2011	BMBXV03.0U2B	Federal Tier 2 Bin 5 LDV CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. DOC</li> <li>5. DPF</li> <li>6. Conversion of Lambda sensor to plug</li> <li>7. <u>Crankcase Ventilation Valve (including line and heating element)</u></li> <li>8. <u>Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</u></li> <li>9. <u>Charge Air Distribution Line Transverse Tube</u></li> <li>10. <u>Intake Port Shut-Off Actuator</u></li> <li>11. <u>Clean Air Duct with Mass Air Flow Sensors</u></li> <li>12. <u>EGR Valve (Actuator)</u></li> <li>13. <u>EGR Cooler</u></li> <li>14. <u>EGR Line(s)</u></li> </ol>	8	<u>January 31</u> <del>October 4,</del> 202 <u>1</u>	4

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
GL350 4MATIC	2011	BMBXT03.0U2B	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1. NOx sensors (TT3)</u> <u>2. ECU</u> <u>3. Copper SCR Catalyst</u> <u>4. DOC</u> <u>5. DPF</u> <u>6. DEF Injector</u> <u>7. Crankcase Ventilation Valve (including line and heating element)</u> <u>8. Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</u> <u>9. Charge Air Distribution Line Transverse Tube</u> <u>10. Intake Port Shut-Off Actuator</u> <u>11. Clean Air Duct with Mass Air Flow Sensors</u> <u>12. EGR Valve (Actuator)</u> <u>13. EGR Cooler</u> <u>14. EGR Line(s)</u>	5	<u>November 8</u> <del>August 30</del> , 2021	4

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
ML350 4MATIC R350 4MATIC	2011	BMBXT03.0U2A	Federal Tier 2 Bin 5 LDT3 (ALVW 3751- 5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. DOC</li> <li>5. DPF</li> <li>6. DEF Injector</li> <li>7. Crankcase Ventilation Valve (including line and heating element)</li> <li>8. Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</li> <li>9. Charge Air Distribution Line Transverse Tube</li> <li>10. Intake Port Shut-Off Actuator</li> <li>11. Clean Air Duct with Mass Air Flow Sensors</li> <li>12. EGR Valve (Actuator)</li> <li>13. EGR Cooler</li> <li>14. EGR Line(s)</li> </ol>	5	<del>November 8</del> August 30, 2021	4
Sprinter 6-cyl. (OM642), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI	2011	BMBXT03.0HD1	Federal HDV 40 C.F.R. § 1816- 08 (8500-10000 GVWR) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. Instrument Cluster if existing part number is 9069018200 or 9069018600</li> </ol>	2	Prior to signature	1

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
Sprinter 6-cyl. (OM642), 5T (Freightliner 3500, Sprinter 3500 CDI)	2011	BMBXT03.0HD2	Federal HDV 40 C.F.R. § 1816-08 (10001-14000 GVWR) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. Instrument Cluster if existing part number is 9069018200 or 9069018600</li> </ol>	2	Prior to signature	1
E350 BLUETEC	2012	CMBXV03.0U2B	Federal Tier 2 Bin 5 LDV CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. DOC</li> <li>5. DPF</li> <li>6. Conversion of Lambda sensor to plug</li> <li>7. <u>Crankcase Ventilation Valve (including line and heating element)</u></li> <li>8. <u>Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</u></li> <li>9. <u>Charge Air Distribution Line Transverse Tube</u></li> <li>10. <u>Intake Port Shut-Off Actuator</u></li> <li>11. <u>Clean Air Duct with Mass Air Flow Sensors</u></li> <li>12. <u>EGR Valve (Actuator)</u></li> <li>13. <u>EGR Cooler</u></li> <li>14. <u>EGR Line(s)</u></li> </ol>	8	<del>October 4, 2021</del> <u>January 31, 2022</u>	4



Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
GL350 BLUETEC 4MATIC R350 BLUETEC 4MATIC	2012	CMBXT03.0U2B	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. DOC</li> <li>5. DPF</li> <li>6. DEF Injector</li> <li>7. Crankcase Ventilation Valve (including line and heating element)</li> <li>8. Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</li> <li>9. Charge Air Distribution Line Transverse Tube</li> <li>10. Intake Port Shut-Off Actuator</li> <li>11. Clean Air Duct with Mass Air Flow Sensors</li> <li>12. EGR Valve (Actuator)</li> <li>13. EGR Cooler</li> <li>14. EGR Line(s)</li> </ol>	5	<del>August 30, 2021</del> November 8, 2021	4
ML350 4MATIC	2012	CMBXT03.0U2A	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. Copper SCR Catalyst</li> <li>3. DOC</li> <li>4. DPF</li> <li>5. Coolant thermostat <del>if existing part number is A6422001915</del></li> </ol>	4	September 28, 2020	3

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
S350 4MATIC	2012	CMBXV03.0U2A	Federal Tier 2 Bin 5 LDV CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. Copper SCR Catalyst</li> <li>3. DOC</li> <li>4. DPF</li> <li>5. Conversion of Lambda sensor to plug</li> <li>6. Coolant thermostat <del>if existing part number is A6422001915</del></li> </ol>	6	<del>4November 8,</del> October 2021	3
Sprinter 6-cyl. (OM642), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2012	CMBXT03.0HD1	Federal HDV 40 C.F.R. § 1816- 08 (8500-10000 GVWR) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. Instrument Cluster if existing part number is 9069018200 or 9069018600</li> </ol>	2	Prior to signature	1
Sprinter 6-cyl. (OM642), 5T, (Freightliner 3500, Sprinter 3500 CDI)	2012	CMBXT03.0HD2	Federal HDV 40 C.F.R. § 1816- 08 (10001- 14000 GVWR) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. ECU</li> <li>3. Copper SCR Catalyst</li> <li>4. Instrument Cluster if existing part number is 9069018200 or 9069018600</li> </ol>	2	Prior to signature	1

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
E350	2013	DMBXV03.0U2B	Federal Tier 2 Bin 5 LDV CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li><u>1. NOx sensors (TT3)</u></li> <li><u>2. Copper SCR Catalyst</u></li> <li><u>3. DOC</u></li> <li><u>4. DPF</u></li> <li><u>5. Conversion of Lambda sensor to plug</u></li> <li><u>6. Crankcase Ventilation Valve (including line and heating element)</u></li> <li><u>7. Left and Right Charge Air Distribution Line/Intake Manifold (incl. Intake Port Shut-off Linkage)</u></li> <li><u>8. Charge Air Distribution Line Transverse Tube</u></li> <li><u>9. Intake Port Shut-Off Actuator</u></li> <li><u>10. Clean Air Duct with Mass Air Flow Sensors</u></li> <li><u>11. EGR Valve (Actuator)</u></li> <li><u>12. EGR Cooler</u></li> <li><u>13. EGR Line(s)</u></li> </ol>	7	<del>October 4,</del> <u>January 31, 2022</u>	4

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
GL350 BLUETEC 4MATIC ML350 BLUETEC 4MATIC	2013	DMBXT03.0U2A	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> PM sensor <u>3.</u> Copper SCR Catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Coolant thermostat <del>if existing part number is A6422001915</del>	4	September 28, 2020	3
GLK250 4MATIC (OM651)	2013	DMBXT02.2U2A	Federal Tier 2 Bin 5 LDT2 (LVW 3751-5750, GVW <6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> PM sensor <u>3.</u> Copper SCR catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Conversion of Lambda sensor to plug <u>7.</u> HCU	9	Prior to signature	5
GL350 BLUETEC 4MATIC ML350 BLUETEC 4MATIC	2013	DMBXT03.0U2C	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> PM sensor <u>3.</u> Copper SCR Catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Coolant thermostat <del>if existing part number is A6422001915</del>	4	September 28, 2020	3

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
S350 4MATIC	2013	DMBXV03.0U2A	Federal Tier 2 Bin 5 LDV CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. Copper SCR Catalyst</li> <li>3. DOC</li> <li>4. DPF</li> <li>5. Conversion of Lambda sensor to plug</li> <li>6. Coolant thermostat <del>if existing part number is A6422001915</del></li> </ol>	6	<del>November 8,</del> <u>October</u> 2021	3
Sprinter 6-cyl. (OM642), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2013	DMBXT03.0HD1	HDV1 (Federal HD chassis Class 2b GVW 8,501- 10000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. Copper SCR Catalyst</li> <li>3. Instrument Cluster if existing part number is 9069018200 or 9069018600</li> </ol>	1	Prior to signature	1
Sprinter 6-cyl. (OM642), 5T (Freightliner 3500, Sprinter 3500 CDI)	2013	DMBXT03.0HD2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. Copper SCR Catalyst</li> <li>3. Instrument Cluster if existing part number is 9069018200 or 9069018600</li> </ol>	1	Prior to signature	1
E250 (OM651) E250 4MATIC (OM651)	2014	EMBJ02.2U2A	Federal Tier 2 Bin 5 LDV CA LEV-II ULEV	ECU, TCU, DCU	<ol style="list-style-type: none"> <li>1. NOx sensors (TT3)</li> <li>2. PM sensor</li> <li>3. Copper SCR Catalyst</li> <li>4. DOC</li> <li>5. DPF</li> <li>6. Conversion of Lambda sensor to plug</li> </ol>	12	November 2, 2020	5

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
GL350 4MATIC ML350 4MATIC	2014	EMBXT03.0U2A	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> PM sensor <u>3.</u> Copper SCR Catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Coolant thermostat if existing part number is A6422001915	4	September 28, 2020	3
GLK250 (OM651)	2014	EMBXJ02.2U2A	Federal Tier 2 Bin 5 LDV/LDT2 CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> DOC <u>2.</u> DPF <u>3.</u> Copper SCR catalyst <u>4.</u> NOx sensors (TT3) <u>5.</u> PM sensor <u>6.</u> Conversion of Lambda sensor to plug	9	Prior to signature	5
Sprinter 4-cyl. (OM651), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2014	EMBXT02.2HD1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-III ULEV250	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2
Sprinter 4-cyl. (OM651), 5T (Freightliner 3500, Sprinter 3500 CDI)	2014	EMBXT02.2HD2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-III ULEV400	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
Sprinter 6-cyl. (OM642), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2014	EMBXT03.0HD1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<u>1.</u> NOx sensors (TT3) <u>2.</u> Copper SCR Catalyst <u>3.</u> Instrument Cluster if existing part number is 9069018200 or 9069018600	1	Prior to signature	1
Sprinter 6-cyl. (OM642), 5T (Freightliner 3500, Sprinter 3500 CDI)	2014	EMBXT03.0HD2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<u>1.</u> NOx sensors (TT3) <u>2.</u> Copper SCR Catalyst <u>3.</u> Instrument Cluster if existing part number is 9069018200 or 9069018600	1	Prior to signature	1
E250 (OM651) E250 4MATIC (OM651)	2015	FMBXJ02.1U2A	Federal Tier 2 Bin 5 LDV CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> PM sensor <u>3.</u> Copper SCR Catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Conversion of Lambda sensor to plug	12	November 2, 2020	5
GL350	2015	FMBXT03.0U2A	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> PM sensor <u>3.</u> Copper SCR Catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Coolant thermostat if existing part number is A6422001915	4	September 28, 2020	3

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
GLK250 (OM651)	2015	FMBXJ02.1U2A	Federal Tier 2 Bin 5 LDV/LDT2 CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> DOC <u>2.</u> DPF <u>3.</u> Copper SCR catalyst <u>4.</u> NOx sensors (TT3) <u>5.</u> PM sensor <u>6.</u> Conversion of Lambda sensor to plug	9	Prior to signature	5
ML250 (OM651)	2015	FMBXT02.1U2A	Federal Tier 2 Bin 5 LDT3 (ALVW 3751-5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> PM sensor <u>3.</u> Copper SCR Catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Conversion of Lambda sensor to plug	11	Prior to signature	5
Sprinter 4-cyl. (OM651), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2015	FMBXT02.1HD1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-III ULEV250	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2
Sprinter 4-cyl. (OM651), 5T (Freightliner 3500, Sprinter 3500 CDI)	2015	FMBXT02.1HD2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-III ULEV400	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2



Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
Sprinter 4-cyl. (OM651), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2015	FMBXT02.1HD3	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-III SULEV170	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2
Sprinter 4-cyl. (OM651), 5T (Freightliner 3500, Sprinter 3500 CDI)	2015	FMBXT02.1HD4	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-III SULEV230	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2
Sprinter 6-cyl. (OM642), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2015	FMBXT03.0HD1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<u>1.</u> NOx sensors (TT3) <u>2.</u> Copper SCR Catalyst	1	Prior to signature	1
Sprinter 6-cyl. (OM642), 5T (Freightliner 3500, Sprinter 3500 CDI)	2015	FMBXT03.0HD2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	<u>1.</u> NOx sensors (TT3) <u>2.</u> Copper SCR Catalyst	1	Prior to signature	1

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
Sprinter 6-cyl. (OM642), 3.88T (Freightliner 2500 4x4, Sprinter 2500 CDI 4x4)	2015	FMBXT03.0HD3	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	1	Prior to signature	1
Sprinter 6-cyl. (OM642), 5T (Freightliner 3500 4x4, Sprinter 3500 CDI 4x4)	2015	FMBXT03.0HD4	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	1	Prior to signature	1
E250 (OM651) E250 4MATIC (OM651)	2016	GMBXV02.1U2B	Federal Tier 2 Bin 5 LDV CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> <u>PM Sensor</u> <u>3.</u> Copper SCR Catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Conversion of Lambda sensor to plug	12	November 2, 2020	5
GL350 BLUETEC 4MATIC	2016	GMBXT03.0U2A	Federal Tier 2 Bin 5 LDT4 (ALVW >5750, GVW >6000) CA LEV-II ULEV	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> PM sensor <u>3.</u> Copper SCR Catalyst <u>4.</u> DOC <u>5.</u> DPF <u>6.</u> Coolant thermostat if existing part number is A6422001915	4	September 28, 2020	3
GLE300 d 4MATIC (OM651)	2016	GMBXT02.1U2A	Federal Tier 3 Bin 125 CA LEV-III ULEV125	ECU, TCU, DCU	<u>1.</u> NOx sensors (TT3) <u>2.</u> Conversion of Lambda sensor to plug	10	Prior to signature	5

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
Sprinter 4-cyl. (OM651), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2016	GMBXT02.1HD1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-III ULEV250	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2
Sprinter 4-cyl. (OM651), 5T (Freightliner 3500, Sprinter 3500 CDI)	2016	GMBXT02.1HD2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-III ULEV400	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2
Sprinter 4-cyl. (OM651), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2016	GMBXT02.1HD3	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-III SULEV170	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2
Sprinter 4-cyl. (OM651), 5T (Freightliner 3500, Sprinter 3500 CDI)	2016	GMBXT02.1HD4	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-III SULEV230	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	3	Within 30 Days of approval of the MY2020 4-cyl. Sprinter, but no later than December 21, 2020	2

Model	MY	Test Group	Emission Standard	Control Units Receiving Proposed Software Update	Proposed Hardware Update	Emission Modification Category	Emission Modification Report Submission Date	OBD Cluster
Sprinter 6-cyl. (OM642), 3.88T and 4.53T (Freightliner 2500, Freightliner 3500, Sprinter 2500 CDI, Sprinter 3500 CDI)	2016	GMBXT03.0HD1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	1	Prior to signature	1
Sprinter 6-cyl. (OM642), 5T (Freightliner 3500, Sprinter 3500 CDI)	2016	GMBXT03.0HD2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	1	Prior to signature	1
Sprinter 6-cyl. (OM642), 3.88T (Freightliner 2500 4x4, Sprinter 2500 CDI 4x4)	2016	GMBXT03.0HD3	HDV1 (Federal HD chassis Class 2b GVW 8501-10000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	1	Prior to signature	1
Sprinter 6-cyl. (OM642), 5T (Freightliner 3500 4x4, Sprinter 3500 CDI 4x4)	2016	GMBXT03.0HD4	HDV2 (Federal HD chassis Class 3 GVW 10001-14000) CA LEV-II ULEV	ECU, TCU, DCU, Instrument Cluster	NOx sensors (TT3)	1	Prior to signature	1