

ZF V12.15 Function List

Note:

✓ Functions marked with ✓ is fully supported.

System	ECU Info	Read Fault Code	Clear Fault Code	Live Data	Active Test	Special Func
Freedomline	✓	✓	✓	✓	A0004, A0005, A0006, A0007, A0008, A0009, A0100, A0101, A0102, A0103, A0104, A0105, A0106, A0107, A0108, A0109, A0110, A0111, A0112, A0113, A0114, A0018, A0057, A0058, A0059, A0060, A0061, A0062, A0063, A0064, A0065, A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0001, A0002, A0003, A0004, A0006, A0007, A0616, A0617, A0038, A0039, A0040, A0041, A0042, A0043, A0044, A0045, A0013, A0001, A0002, A0003, A0004, A0005, A0008, A0009, A0012, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0011, A0137, A0138, A0104, A0139, A0140, A0141, A0127, A0142, A0143, A0144, A0098, A0145, A0146, A0010, A0011, A0012, A0013, A0014, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0497, A0010, A0011, A0012	S0008, S0009, S0006, S0007, S0019, S0020, S0012, S0013, S0014, S0015, S0016, S0017, S0018, S0004, S0030, S0031, S0032, S0033, S0005, S0010, S0011, S0001, S0003, S0009, S0010, S0011, S0012, S0013, S0001, S0002, S0003, S0004, S0005
SureShift	✓	✓	✓	✓	A0006, A0007, A0616, A0617, A0038, A0039, A0040, A0041, A0042, A0043, A0044, A0045, A0013, A0001, A0002, A0003, A0004, A0005, A0008, A0009, A0012, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0011, A0137, A0138, A0104, A0139, A0140, A0141, A0127, A0142, A0143, A0144, A0098, A0145, A0146, A0010, A0011, A0012, A0013, A0014, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0497, A0010, A0011, A0012	S0001, S0003, S0009, S0010, S0011, S0012, S0013, S0001, S0002, S0003, S0004, S0005
AS Tronic\Tronic 1	✓	✓	✓	✓	A0006, A0007, A0616, A0617, A0038, A0039, A0040, A0041, A0042, A0043, A0044, A0045, A0013, A0001, A0002, A0003, A0004, A0005, A0008, A0009, A0012, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0011, A0137, A0138, A0104, A0139, A0140, A0141, A0127, A0142, A0143, A0144, A0098, A0145, A0146, A0010, A0011, A0012, A0013, A0014, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0497, A0010, A0011, A0012	S0049, S0050, S0051, S0052, S0053, S0054, S0055, S0056, S0057, S0058, S0003, S0007, S0008, S0045, S0001, S0002, S0004, S0005, S0006, S0046, S0047, S0033, S0004, S0006, S0007, S0008, S0009, S0010, S0011, S0001, S0012, S0013, S0005, S0003, S0030, S0031, S0032
AS Tronic\Tronic 2	✓	✓	✓	✓	A0010, A0011, A0012, A0013, A0014, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0497, A0010, A0011, A0012	S0001, S0003, S0004, S0007, S0015, S0017, S0001
AS Tronic\Tronic Lite-Communication K-Line(MAN)	✓	✓	✓	✓	A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0498, A0499, A0500, A0501, A0502, A0001, A0002, A0003, A0046, A0047, A0048, A0049, A0050, A0051, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0498, A0499, A0500, A0501, A0502, A0001, A0002, A0003, A0046, A0047, A0048, A0049, A0050, A0051, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0498, A0499, A0500, A0501, A0502, A0001, A0002, A0003, A0046, A0047, A0048, A0049, A0050, A0051, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0011, A0137, A0138, A0104, A0139, A0140, A0141, A0127, A0142, A0143, A0144, A0098, A0145, A0146, A0010, A0011, A0012, A0013, A0014, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0497, A0010, A0011, A0012	S0001, S0003, S0004, S0007, S0015, S0017, S0001
AS Tronic\Tronic Lite-Communication CAN	✓	✓	✓	✓	A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0498, A0499, A0500, A0501, A0502, A0001, A0002, A0003, A0046, A0047, A0048, A0049, A0050, A0051, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0498, A0499, A0500, A0501, A0502, A0001, A0002, A0003, A0046, A0047, A0048, A0049, A0050, A0051, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0011, A0137, A0138, A0104, A0139, A0140, A0141, A0127, A0142, A0143, A0144, A0098, A0145, A0146, A0010, A0011, A0012, A0013, A0014, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0497, A0010, A0011, A0012	
AS Tronic\Tronic Lite-Communication Nissan(CAN)	✓	✓	✓	✓	A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0498, A0499, A0500, A0501, A0502, A0001, A0002, A0003, A0046, A0047, A0048, A0049, A0050, A0051, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0011, A0137, A0138, A0104, A0139, A0140, A0141, A0127, A0142, A0143, A0144, A0098, A0145, A0146, A0010, A0011, A0012, A0013, A0014, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0497, A0010, A0011, A0012	
AS Tronic\Tronic Mid	✓	✓	✓	✓	A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0011, A0137, A0138, A0104, A0139, A0140, A0141, A0127, A0142, A0143, A0144, A0098, A0145, A0146, A0010, A0011, A0012, A0013, A0014, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0497, A0010, A0011, A0012	S0033, S0004, S0006, S0007, S0008, S0009, S0010, S0011, S0001, S0012, S0013, S0005, S0003, S0030, S0031, S0032
AVS	✓	✓	✓	✓	A0010, A0011, A0014, A0137, A0138, A0139, A0140, A0141, A0142, A0495, A0030, A0031, A0032, A0033, A0002, A0034, A0035, A0036, A0037, A0038, A0039, A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0496, A0016, A0017, A0018, A0019, A0020, A0021, A0022, A0023, A0024, A0503, A0504, A0505, A0506, A0507, A0508, A0509, A0510, A0031, A0032, A0033, A0034, A0035	S0003, S0015
EcoLife	✓	✓	✓	✓	A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0496, A0016, A0017, A0018, A0019, A0020, A0021, A0022, A0023, A0024, A0503, A0504, A0505, A0506, A0507, A0508, A0509, A0510, A0031, A0032, A0033, A0034, A0035	S0001, S0001
ZF Ecomat\Ecomat 1	✓	✓	✓	✓	A0503, A0504, A0505, A0506, A0507, A0508, A0509, A0510, A0031, A0032, A0033, A0034, A0035	S0001, S0018, S0016
ZF Ecomat\Ecomat 2	✓	✓	✓	✓	A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0073, A0074, A0075, A0076, A0077, A0078, A0079, A0080, A0081, A0082, A0083, A0084, A0015	S0001, S0010, S0011
ZF Ecomat\HP 260 CAN Converter	✓	✓	✓	✓		S0001
Intarder\Intarder-Est 32	✓	✓	✓	✓	A0003, A0004, A0005, A0011, A0012, A0013, A0014, A0009, A0015	S0001
Intarder\Intarder-Est 42	✓	✓	✓	✓	A0094, A0095, A0096, A0097, A0098, A0099, A0511, A0512, A0513, A0514	S0002, S0015
Intarder\Iveco-Est 52	✓	✓	✓	✓	A0482, A0483, A0484, A0485, A0486, A0487, A0488, A0489, A0490, A0491, A0492, A0493, A0494, A0036, A0037, A0038, A0035, A0039, A0040, A0030, A0159, A0016, A0017, A0018, A0019, A0020, A0021, A0022, A0023, A0024, A0025, A0014, A0296, A0297, A0298, A0299, A0300, A0301, A0010, A0013	S0015, S0016, S0017, S0017, S0017, S0017
Intarder\Iveco-Est 54	✓	✓	✓	✓	A0030, A0159, A0016, A0017, A0018, A0019, A0020, A0021, A0022, A0023, A0024, A0025, A0014, A0296, A0297, A0298, A0299, A0300, A0301, A0010, A0013	S0003
Intarder\Iveco-Intarder KWP	✓	✓	✓	✓	A0010, A0039, A0040, A0041, A0042, A0043, A0044, A0045, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0055, A0056, A0057, A0058, A0010, A0016, A0001, A0002, A0003, A0004, A0005, A0006, A0324, A0325, A0326, A0327, A0328, A0329, A0330, A0331, A0332, A0333, A0334, A0335, A0336, A0337, A0010, A0011, A0013, A0014, A0006, A0007, A0016, A0617, A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012, A0013, A0618, A0619, A0620, A0621	S0021, S0006, S0019
Intarder\Daf-Est 52	✓	✓	✓	✓	A0010, A0016, A0001, A0002, A0003, A0004, A0005, A0324, A0325, A0326, A0327, A0328, A0329, A0330, A0331, A0332, A0333, A0334, A0335, A0336, A0337, A0010, A0011, A0013, A0014, A0006, A0007, A0016, A0617, A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012, A0013, A0618, A0619, A0620, A0621	S0004, S0005, S0020, S0003, S0019, S0001, S0002
Intarder\Daf-Est 54	✓	✓	✓	✓	A0010, A0011, A0013, A0014, A0006, A0007, A0016, A0617, A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012, A0013, A0618, A0619, A0620, A0621	S0003, S0045, S0046, S0047, S0048, S0049, S0050, S0051, S0052, S0053, S0054, S0055, S0056, S0057, S0058, S0001, S0002, S0003, S0004, S0005, S0006
WSK\WSK EST41/61-WSK	✓	✓	✓	✓	A0618, A0619, A0620, A0621	
WSK\WSK EST41/61-WSK Daimler Chrysler	✓	✓	✓	✓	A0632, A0633, A0634, A0635, A0636, A0637, A0638	
WSK\WSK MAN	✓	✓	✓	✓		S0021, S0022, S0023, S0024
WSK\Man-WSK TC2	✓	✓	✓	✓	A0010, A0011, A0013, A0014, A0498, A0499, A0500, A0501, A0502	S0003, S0014, S0015
AVE130	✓	✓	✓	✓	A0060, A0061, A0062, A0063, A0064, A0065, A0066, A0067, A0068, A0069, A0056, A0057, A0039, A0070, A0071, A0072, A0495	S0021
Iveco-Eurotronic 2	✓	✓	✓	✓	A0073, A0031	S0016
4BP-230	✓	✓	✓	✓	A0015, A0074, A0073, A0075, A0010, A0160, A0161, A0162, A0163, A0164, A0029, A0030, A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038, A0503,	S0017, S0018, S0005, S0003, S0004
ASTRONIC ZF	✓	✓	✓	✓	A0026, A0016, A0017, A0018	S0012, S0013, S0014, S0015, S0016, S0017, S0018, S0019
Traxon	✓	✓	✓	✓	A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009	S0001

Special Function Table

S0001	Change the transaxle speed ratio
S0002	Active engine braking
S0003	Reset shift counter to 0
S0004	Read parameters
S0005	Setting parameters

Active Test Table

A0001	Splitter Solenoid Y2
A0002	Splitter Solenoid Y3
A0003	Select Solenoid Y4
A0004	Select Solenoid Y5
A0005	Engagement Solenoid Y6
A0006	Engagement Solenoid Y7
A0007	Low Range Solenoid Y8
A0008	Low Range Solenoid Y9
A0009	X-Y unit fork joint solenoid valve #1
A0010	X-Y unit fork joint solenoid valve #2
A0011	Track selection valve #1
A0012	Track selection valve #2
A0013	Low-position solenoid valve
A0014	High-position solenoid valve
A0015	Output test
A0016	Gearshift valves
A0017	Clutch valves
A0018	Engine connection