



NOTES:

- ✓ This function is supported.
- This function is not supported.
- ※ This function may be supported, which depends on the actual condition of the vehicle.

	System name	System mode	BDU information	HD	Live data	Active test	Special function
Global (Non North America)->E1F->4HK1->	Engine	SystemName01	✓	✓	✓	✓	E01, E03, E03, E04, E05, E06, E07, E08, E09, E10, E11, E12, E13.
Global (Non North America)->E1F->4HK1->	Hybrid	SystemName01	✓	✓	✓	✓	E14, E15, E16, E17.
Global (Non North America)->E1F->4HK1->	Transmission	SystemName01	✓	✓	✓	○	E07, E15, E18, E19, E20, E21, E22, E23, E24.
Global (Non North America)->E1F->4HK1->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E25.
Global (Non North America)->E1F->4HK1->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E25.
Global (Non North America)->E1F->4HK1->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America)->E1F->4HK1->	ISS/HAS/ECotop	SystemName01	✓	✓	✓	○	
Global (Non North America)->E1F->4HK1->	Mimamori	SystemName01	✓	○	✓	○	E26, E27, E28, E29.
Global (Non North America)->E1F->4HK1->	Mimamori	SystemName02	✓	✓	✓	✓	E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E07.
Global (Non North America)->E1F->4HK1->	Mimamori	SystemName03	✓	✓	✓	○	E27, E43, E44, E45, E46, E47, E48, E49, E50, E51, E52, E53, E54, E55, E56.
Global (Non North America)->E1F->4HK1->	Immobilizer	SystemName01	✓	✓	✓	○	E57, E58, E59, E60, E61.
Global (Non North America)->E1F->4HV1->	Engine	SystemName01	✓	✓	✓	✓	E62, E63, E64, E65, E66.
Global (Non North America)->E1F->4HV1->	Hybrid	SystemName01	✓	✓	✓	✓	E67, E68, E69, E70, E71, E72.
Global (Non North America)->E1F->4HV1->	Hybrid	SystemName02	✓	✓	✓	✓	E14, E15, E16, E17.
Global (Non North America)->E1F->4HV1->	Hybrid	SystemName03	✓	✓	✓	✓	E67, E68, E69, E70, E71, E72, E72.
Global (Non North America)->E1F->4HV1->	Transmission	SystemName01	✓	✓	✓	○	E07, E15, E18, E19, E20, E21, E22, E23, E24.
Global (Non North America)->E1F->4HV1->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E73, E07.
Global (Non North America)->E1F->4HV1->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E25.
Global (Non North America)->E1F->4HV1->	ABS/ASR/EBS/ESC	SystemName03	✓	✓	✓	✓	E25.
Global (Non North America)->E1F->4HV1->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America)->E1F->4HV1->	SRS	SystemName02	✓	✓	✓	○	
Global (Non North America)->E1F->4HV1->	ISS/HAS/ECotop	SystemName01	✓	✓	✓	✓	E74, E75, E07, E76, E77, E78, E79.
Global (Non North America)->E1F->4HV1->	ISS/HAS/ECotop	SystemName02	✓	✓	✓	○	
Global (Non North America)->E1F->4HV1->	Mimamori	SystemName01	✓	✓	✓	○	E76, E80, E26, E81.
Global (Non North America)->E1F->4HV1->	Mimamori	SystemName02	✓	✓	✓	○	E82, E83, E84, E85, E86, E87, E88, E89, E90, E91, E92, E93, E94, E07, E50, E95, E96, E97, E98, E99.
Global (Non North America)->E1F->4HV1->	Mimamori	SystemName03	✓	✓	✓	○	E30, E31, E32, E33, E34, E35, E37, E38, E39, E40, E41, E42, E07.
Global (Non North America)->E1F->4HV1->	Mimamori	SystemName04	✓	✓	✓	○	E27, E43, E44, E45, E46, E47, E48, E49, E50, E51, E52, E53, E54, E55, E56.
Global (Non North America)->E1F->4HV1->	Mimamori	SystemName05	✓	○	✓	○	E26, E27, E28, E29.
Global (Non North America)->E1F->4HV1->	Immobilizer	SystemName01	✓	✓	✓	○	E57, E58, E59, E60, E61.
Global (Non North America)->E1F->4J1->	Engine	SystemName01	✓	✓	✓	✓	E02, E03, E04, E108, E101, E107, E107, E103, E104, E105, E106, E107, E108, E109, E110, E111, E10, E112, E13, E77, E75, E71, E13, E14.
Global (Non North America)->E1F->4J1->	Engine	SystemName02	✓	✓	✓	✓	E108, E002, E116, E117, E07, E109, E110, E107, E10, E11, E118, E112, E13, E77, E75, E103, E104, E105, E119, E101, E102, E108, E112.
Global (Non North America)->E1F->4J1->	Engine	SystemName03	✓	✓	✓	✓	E01, E05, E06, E02, E03, E04, E07, E08, E09, E10, E11, E12, E13.
Global (Non North America)->E1F->4J1->	Hybrid	SystemName01	✓	✓	✓	✓	E67, E68, E69, E70, E71, E72.
Global (Non North America)->E1F->4J1->	Hybrid	SystemName02	✓	✓	✓	✓	E14, E15, E16, E17.
Global (Non North America)->E1F->4J1->	Hybrid	SystemName03	✓	✓	✓	✓	E67, E68, E69, E70, E71, E72, E72.
Global (Non North America)->E1F->4J1->	Transmission	SystemName01	✓	✓	✓	○	E07, E15, E18, E19, E20, E21, E22, E23, E24.
Global (Non North America)->E1F->4J1->	Transmission	SystemName02	✓	✓	✓	✓	
Global (Non North America)->E1F->4J1->	Transmission	SystemName03	✓	✓	✓	✓	
Global (Non North America)->E1F->4J1->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E73, E07.
Global (Non North America)->E1F->4J1->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E25.
Global (Non North America)->E1F->4J1->	ABS/ASR/EBS/ESC	SystemName03	✓	✓	✓	✓	E25.
Global (Non North America)->E1F->4J1->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America)->E1F->4J1->	SRS	SystemName02	✓	✓	✓	○	
Global (Non North America)->E1F->4J1->	ISS/HAS/ECotop	SystemName01	✓	✓	✓	✓	E74, E75, E07, E76, E77, E78, E79.
Global (Non North America)->E1F->4J1->	ISS/HAS/ECotop	SystemName02	✓	✓	✓	○	
Global (Non North America)->E1F->4J1->	Mimamori	SystemName01	✓	✓	✓	○	E76, E80, E26, E81.
Global (Non North America)->E1F->4J1->	Mimamori	SystemName02	✓	✓	✓	○	E82, E83, E84, E85, E86, E87, E88, E89, E90, E91, E92, E93, E94, E07, E50, E95, E96, E97, E98, E99.
Global (Non North America)->E1F->4J1->	Mimamori	SystemName03	✓	✓	✓	○	E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E07.
Global (Non North America)->E1F->4J1->	Mimamori	SystemName04	✓	✓	✓	○	E27, E43, E44, E45, E46, E47, E48, E49, E50, E51, E52, E53, E54, E55, E56.
Global (Non North America)->E1F->4J1->	Mimamori	SystemName05	✓	○	✓	○	E26, E27, E28, E29.
Global (Non North America)->E1F->4J1->	Mimamori	SystemName06	✓	✓	✓	○	E124, E125, E126, E07, E50, E81, E84, E127, E128, E129, E130, E97, E98, E99.
Global (Non North America)->E1F->4J1->	BCM	SystemName01	✓	✓	✓	✓	E07, E50, E75, E77, E131, E132, E133, E134, E135, E136, E137, E138, E58, E139, E140, E141, E142, E143, E60, E57, E144.
Global (Non North America)->E1F->4J1->	BCM	SystemName02	✓	✓	✓	✓	E07, E50, E75, E77, E131, E132, E133, E134, E135, E136, E137, E138, E58, E139, E140, E141, E142, E143, E60, E57, E144.
Global (Non North America)->E1F->4J1->	Immobilizer	SystemName01	✓	✓	✓	○	E57, E58, E59, E60, E61.
Global (Non North America)->E1F->4G21->	Engine	SystemName01	✓	✓	✓	✓	E108, E108, E07, E110, E145, E146, E147, E148, E149, E150, E110, E111, E118, E112, E105, E104, E105, E77, E75, E101, E102, E02, E115, E152, E153, E154, E155, E156, E157, E158, E07, E159, E160.
Global (Non North America)->E1F->4G21->	Urea SCR	SystemName01	✓	✓	✓	✓	E07, E161, E162, E163, E19, E20, E21, E22, E23, E164, E165, E166, E167.
Global (Non North America)->E1F->4G21->	Transmission	SystemName01	✓	✓	✓	○	E73, E07.
Global (Non North America)->E1F->4G21->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	
Global (Non North America)->E1F->4G21->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America)->E1F->4G21->	ISS/HAS/ECotop	SystemName01	✓	✓	✓	○	E144, E75, E78, E77, E168, E169, E170, E171, E172, E73, E174, E151, E175, E176, E177, E178, E138, E07, E79, E179, E180, E181.

Global (Non North America) ->EL_F ->4I21 ->	ISS/HAS/ECustop	SystemName02	✓	✓	✓	○	E144,E75,E78,E77,E168,E169,E170,E171,E172,E173,E174,E133,E175,E176,E177,E178,E138,E07,E79,E179,E180,E181,E18
Global (Non North America) ->EL_F ->4I21 ->	Mimamori	SystemName01	✓	✓	✓	○	E124,E125,E126,E07,E50,E83,E84,E127,E128,E129,E130,E97,E98,E99,
Global (Non North America) ->EL_F ->4I21 ->	BCM	SystemName01	✓	✓	✓	✓	E07,E50,E75,E77,E131,E132,E133,E134,E135,E136,E137,E138,E38,E139,E140,E141,E142,E143,E60,E37,E144,
Global (Non North America) ->EL_F ->4I21 ->	BCM	SystemName02	✓	✓	✓	✓	E07,E50,E75,E77,E131,E132,E133,E134,E135,E136,E137,E138,E38,E139,E140,E141,E142,E143,E60,E37,E144,
Global (Non North America) ->EL_F ->4I21 ->	DTU	SystemName01	✓	○	✓	○	E189,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName01	✓	✓	✓	○	
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName01	✓	✓	✓	✓	E108,E02,E03,E04,E07,E190,E110,E107,E12,E100,E101,E102,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName02	✓	✓	✓	✓	E02,E03,E04,E07,E107,E118,E110,E100,E101,E102,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName03	✓	✓	✓	✓	E02,E03,E04,E07,E107,E100,E101,E102,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName04	✓	✓	✓	✓	E01,E02,E03,E04,E05,E06,E07,E08,E09,E10,E11,E12,E13,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName05	✓	✓	✓	✓	E108,E02,E03,E04,E07,E109,E191,E118,E107,E192,E114,E100,E101,E102,
Global (Non North America) ->Nseries ->4HK1 ->	Urea SCR	SystemName01	✓	✓	✓	✓	E152,E153,E154,E155,E156,E157,E193,E07,E192,
Global (Non North America) ->Nseries ->4HK1 ->	Transmission	SystemName01	✓	✓	✓	○	E07,E15,E18,E19,E20,E21,E22,E23,E24,
Global (Non North America) ->Nseries ->4HK1 ->	Transmission	SystemName02	✓	✓	✓	○	E07,E161,E162,E163,E19,E20,E21,E22,E23,E164,E165,E166,E167,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E73,E07,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E73,E07,E194,E195,E196,E197,E198,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName03	✓	✓	✓	✓	E25,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName04	✓	✓	✓	✓	E25,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName05	○	✓	✓	✓	
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName06	✓	✓	✓	✓	E77,E75,E199,E200,E201,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName07	✓	✓	✓	✓	
Global (Non North America) ->Nseries ->4HK1 ->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America) ->Nseries ->4HK1 ->	SRS	SystemName02	✓	✓	✓	✓	
Global (Non North America) ->Nseries ->4HK1 ->	ISS/HAS/ECustop	SystemName01	✓	✓	✓	✓	E74,E75,E07,E76,E77,E78,E79,
Global (Non North America) ->Nseries ->4HK1 ->	ISS/HAS/ECustop	SystemName02	✓	✓	✓	○	E74,E75,E07,E76,E77,
Global (Non North America) ->Nseries ->4HK1 ->	ISS/HAS/ECustop	SystemName03	✓	✓	✓	○	
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName01	✓	✓	✓	○	E82,E83,E84,E85,E86,E87,E88,E89,E90,E91,E92,E93,E94,E07,E50,E95,E96,E97,E98,E99,
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName02	✓	✓	✓	○	E202,E203,E204,E205,E206,E207,E208,E209,E210,E211,E212,E213,E214,E41,E42,E50,E07,E215,E216,E217,E218,E219,E
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName03	✓	✓	✓	✓	E30,E31,E32,E33,E34,E35,E36,E37,E38,E39,E40,E41,E42,E47,
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName04	✓	✓	✓	○	E27,E43,E44,E45,E46,E47,E48,E49,E50,E51,E52,E53,E54,E55,E56,
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName05	✓	✓	✓	✓	E82,E83,E84,E127,E89,E90,E221,E222,E125,E126,E07,E50,E95,E96,E97,
Global (Non North America) ->Nseries ->4HK1 ->	Interschlier	SystemName01	✓	✓	✓	○	E57,E58,E59,E60,E61,
Global (Non North America) ->Nseries ->4HK1 ->	Speedometer	SystemName01	✓	○	✓	✓	E223,E224,E77,E75,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E07,E107,E118,E110,E100,E101,E102,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E73,E07,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E73,E07,E194,E195,E196,E197,E198,
Global (Non North America) ->Nseries ->4HK1 ->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName01	✓	✓	✓	✓	E62,E63,E64,E65,E66,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName02	✓	✓	✓	✓	E62,E63,E64,E65,E07,
Global (Non North America) ->Nseries ->4HK1 ->	Transmission	SystemName01	✓	✓	✓	○	E07,E15,E18,E19,E20,E21,E22,E23,E24,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E73,E07,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E73,E07,E194,E195,E196,E197,E198,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName03	✓	✓	✓	✓	E25,
Global (Non North America) ->Nseries ->4HK1 ->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America) ->Nseries ->4HK1 ->	ISS/HAS/ECustop	SystemName01	✓	✓	✓	○	
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName01	✓	✓	✓	○	E76,E80,E26,E81,
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName02	✓	✓	✓	○	E82,E83,E84,E85,E86,E87,E88,E89,E90,E91,E92,E93,E94,E07,E50,E95,E96,E97,E98,E99,
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName03	✓	✓	✓	○	E202,E203,E204,E205,E206,E207,E208,E209,E210,E211,E212,E213,E214,E41,E42,E50,E07,E215,E216,E217,E218,E219,E
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName04	✓	✓	✓	✓	E30,E31,E32,E33,E34,E35,E37,E38,E39,E40,E41,E42,E07,
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName05	✓	✓	✓	○	E27,E43,E44,E45,E46,E47,E50,E51,E52,E53,E54,E55,E56,
Global (Non North America) ->Nseries ->4HK1 ->	Mimamori	SystemName06	✓	✓	✓	○	E82,E83,E84,E127,E89,E90,E221,E222,E125,E126,E07,E50,E95,E96,E97,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E100,E101,E102,E07,E103,E104,E105,E106,E107,E108,E109,E110,E111,E10,E112,E13,E77,E75,E113,E114,E
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E73,E07,
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E73,E07,E194,E195,E196,E197,E198,
Global (Non North America) ->Nseries ->4HK1 ->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E100,E101,E102,E07,E103,E104,E105,E106,E107,E108,E109,E110,E111,E10,E112,E13,E77,E75,E113,E114,E
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName02	✓	✓	✓	✓	E108,E02,E03,E04,E07,E190,E110,E107,E12,E100,E101,E102,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName03	✓	✓	✓	✓	E108,E02,E03,E04,E07,E109,E191,E107,E118,E192,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName04	✓	✓	✓	✓	E108,E02,E116,E117,E07,E109,E110,E107,E10,E111,E118,E112,E13,E77,E75,E103,E104,E105,E118,E101,E102,E106,E12
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName05	✓	✓	✓	✓	E02,E03,E04,E07,E107,E100,E101,E102,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName06	✓	✓	✓	✓	E01,E05,E06,E02,E03,E04,E07,E08,E09,E10,E11,E12,E13,
Global (Non North America) ->Nseries ->4HK1 ->	Engine	SystemName07	✓	✓	✓	✓	E02,E03,E04,E07,E231,E232,E233,E234,E235,E236,E237,E238,E239,E152,E153,E154,E240,E156,E193,E192,E191,E241,
Global (Non North America) ->Nseries ->4HK1 ->	Urea SCR	SystemName01	✓	✓	✓	✓	E152,E153,E154,E155,E156,E157,E193,E07,E192,
Global (Non North America) ->Nseries ->4HK1 ->	Hybrid	SystemName01	✓	✓	✓	✓	E67,E68,E69,E70,E71,E72,
Global (Non North America) ->Nseries ->4HK1 ->	Hybrid	SystemName02	✓	✓	✓	✓	E14,E15,E16,E17,
Global (Non North America) ->Nseries ->4HK1 ->	Hybrid	SystemName03	✓	✓	✓	✓	E67,E68,E69,E70,E71,E22,E72,
Global (Non North America) ->Nseries ->4HK1 ->	Transmission	SystemName01	✓	✓	✓	○	E07,E15,E18,E19,E20,E21,E22,E23,E24,
Global (Non North America) ->Nseries ->4HK1 ->	Transmission	SystemName02	✓	✓	✓	○	E07,E161,E162,E163,E19,E20,E21,E22,E23,E164,E165,E166,E167,
Global (Non North America) ->Nseries ->4HK1 ->	Transmission	SystemName03	✓	✓	✓	✓	
Global (Non North America) ->Nseries ->4HK1 ->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E73,E07,

Global (Non North America) ->Nseries->4J1->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E73,E07,E194,E195,E196,E197,E198,
Global (Non North America) ->Nseries->4J1->	ABS/ASR/EBS/ESC	SystemName03	✓	✓	✓	✓	E25,
Global (Non North America) ->Nseries->4J1->	ABS/ASR/EBS/ESC	SystemName04	✓	✓	✓	✓	E25,
Global (Non North America) ->Nseries->4J1->	ABS/ASR/EBS/ESC	SystemName05	○	✓	✓	✓	
Global (Non North America) ->Nseries->4J1->	ABS/ASR/EBS/ESC	SystemName06	✓	✓	✓	✓	
Global (Non North America) ->Nseries->4J1->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America) ->Nseries->4J1->	SRS	SystemName02	✓	✓	✓	○	
Global (Non North America) ->Nseries->4J1->	ISS/HAS/Ecostop	SystemName01	✓	✓	✓	✓	E74,E75,E07,E76,E77,E78,E79,
Global (Non North America) ->Nseries->4J1->	ISS/HAS/Ecostop	SystemName02	✓	✓	✓	○	E74,E75,E07,E76,E77,
Global (Non North America) ->Nseries->4J1->	ISS/HAS/Ecostop	SystemName03	✓	✓	✓	○	
Global (Non North America) ->Nseries->4J1->	Mimamori	SystemName01	✓	✓	✓	○	E76,E80,E26,E81,
Global (Non North America) ->Nseries->4J1->	Mimamori	SystemName02	✓	✓	✓	○	E82,E83,E84,E85,E86,E87,E88,E89,E90,E91,E92,E93,E94,E07,E50,E95,E96,E97,E98,E99,
Global (Non North America) ->Nseries->4J1->	Mimamori	SystemName03	✓	✓	✓	○	E202,E203,E204,E205,E206,E207,E208,E209,E210,E211,E212,E213,E214,E41,E42,E50,E07,E215,E216,E217,E218,E219,E
Global (Non North America) ->Nseries->4J1->	Mimamori	SystemName04	✓	✓	✓	✓	E30,E31,E32,E33,E34,E35,E36,E37,E38,E39,E40,E41,E42,E07,
Global (Non North America) ->Nseries->4J1->	Mimamori	SystemName05	✓	✓	✓	○	E27,E43,E44,E45,E46,E47,E48,E49,E50,E51,E52,E53,E54,E55,E56,
Global (Non North America) ->Nseries->4J1->	Mimamori	SystemName06	✓	✓	✓	○	E82,E83,E84,E127,E89,E90,E221,E222,E125,E126,E07,E50,E95,E96,E97,
Global (Non North America) ->Nseries->4J1->	Immobilizer	SystemName01	✓	✓	✓	○	E57,E58,E59,E60,E61,
Global (Non North America) ->Nseries->4KH1->	Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E07,E107,E225,E226,E227,E228,E229,
Global (Non North America) ->Nseries->4KH1->	Engine	SystemName02	✓	✓	✓	✓	E02,E03,E04,E07,E107,E225,E226,E227,E228,E230,E229,
Global (Non North America) ->Nseries->4HK1->	Engine	SystemName01	✓	✓	✓	✓	E108,E02,E03,E04,E07,E190,E110,E107,E12,E100,E101,E102,
Global (Non North America) ->Nseries->4J1->	Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E242,E243,E07,E244,E245,E246,E251,E241,E235,E247,E239,E238,E248,E236,E249,E254,E250,E192,
Global (Non North America) ->Nseries->R24E->	Engine	SystemName02	✓	✓	✓	✓	E02,E03,E04,E242,E243,E246,E07,E118,
Global (Non North America) ->Nseries->R24E->	Transmission	SystemName01	✓	✓	✓	○	E07,E161,E167,E163,E19,E20,E21,E22,E25,E164,E165,E166,E167,
Global (Non North America) ->Nseries->R24E->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E73,E07,
Global (Non North America) ->Nseries->R24E->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E73,E07,E194,E195,E196,E197,E198,
Global (Non North America) ->Nseries->R24E->	ABS/ASR/EBS/ESC	SystemName03	○	✓	✓	✓	
Global (Non North America) ->Nseries->R24E->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America) ->Nseries->R24E->	ISS/HAS/Ecostop	SystemName01	✓	✓	✓	✓	E74,E75,E07,E76,E77,E78,E79,
Global (Non North America) ->Nseries->R24E->	Mimamori	SystemName01	✓	✓	✓	○	E82,E83,E84,E127,E89,E90,E221,E222,E125,E126,E07,E50,E95,E96,E97,
Global (Non North America) ->Nseries->R24E->	Immobilizer	SystemName01	✓	✓	✓	○	E57,E58,E59,E60,E61,
Global (Non North America) ->Nseries->R24E->	FMS CAN converter	SystemName01	✓	✓	✓	○	E07,E76,E77,E73,E251,
Global (Non North America) ->Nseries->R24E->	VAT/ Camera/ Radar	SystemName01	✓	✓	✓	○	E76,E77,E75,E07,E252,E253,E254,
Global (Non North America) ->Nseries->R24E->	VAT/ Camera/ Radar	SystemName02	✓	○	○	○	E07,E255,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E07,E235,E239,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	Transmission	SystemName01	✓	✓	✓	✓	
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E07,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E07,E77,E75,E199,E256,E257,E255,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	SRS	SystemName02	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	SRS	SystemName03	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	SRS	SystemName04	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	BCM	SystemName01	✓	✓	✓	○	E258,E259,E260,E41,E42,E261,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	BCM	SystemName02	✓	✓	✓	○	E258,E259,E260,E41,E42,E261,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	Immobilizer	SystemName01	✓	○	○	○	E262,E263,E264,E265,E61,E07,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	Speedometer	SystemName01	✓	○	○	○	E266,E77,E75,E267,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	Speedometer	SystemName02	✓	○	○	○	E266,E77,E75,E267,
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	Intelligent battery system (IBS)	SystemName01	✓	✓	○	○	
Global (Non North America) ->TFseries (D-MAX) ->4JA1->	Passive entry and start system	SystemName01	✓	✓	✓	✓	E268,E58,E269,E270,E77,E75,E271,E272,E07,E267,E273,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Engine	SystemName02	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,E118,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Engine	SystemName03	✓	✓	✓	✓	E02,E03,E04,E108,E244,E245,E246,E07,E190,E251,E118,E192,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Transmission	SystemName01	✓	✓	✓	✓	E274,E07,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Transmission	SystemName02	✓	✓	✓	✓	E274,E07,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Transmission	SystemName03	✓	✓	✓	✓	E275,E07,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Transmission	SystemName04	✓	✓	✓	✓	
Global (Non North America) ->TFseries (D-MAX) ->4J11->	ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E07,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E07,E77,E75,E199,E256,E257,E255,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	SRS	SystemName01	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4J11->	SRS	SystemName02	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4J11->	SRS	SystemName03	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4J11->	SRS	SystemName04	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4J11->	SRS	SystemName05	✓	✓	✓	○	
Global (Non North America) ->TFseries (D-MAX) ->4J11->	ISS/HAS/Ecostop	SystemName01	✓	✓	✓	○	E276,E277,E07,E28,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	BCM	SystemName01	✓	✓	✓	○	E258,E259,E260,E41,E42,E261,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	BCM	SystemName02	✓	✓	✓	○	E258,E259,E260,E41,E42,E261,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	BCM	SystemName03	✓	✓	✓	○	E278,E41,E42,E261,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Immobilizer	SystemName01	✓	✓	✓	○	E57,E58,E59,E60,E61,E07,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Immobilizer	SystemName02	✓	✓	✓	○	E57,E58,E59,E07,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Speedometer	SystemName01	✓	○	○	○	E266,E77,E75,E267,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Speedometer	SystemName02	✓	○	○	○	E266,E77,E75,E267,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Passive entry and start system	SystemName01	✓	✓	✓	✓	E279,E269,E77,E75,E280,E272,E61,E07,E267,E273,
Global (Non North America) ->TFseries (D-MAX) ->4J11->	Passive entry and start system	SystemName02	✓	✓	✓	✓	E268,E58,E269,E270,E77,E75,E271,E272,E07,E267,E273,
Global (Non North America) ->TFseries (D-MAX) ->4JK1->	Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,
Global (Non North America) ->TFseries (D-MAX) ->4JK1->	Engine	SystemName02	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,E118,
Global (Non North America) ->TFseries (D-MAX) ->4JK1->	Engine	SystemName03	✓	✓	✓	✓	E108,E02,E03,E94,E244,E245,E246,E07,E190,E118,
Global (Non North America) ->TFseries (D-MAX) ->4JK1->	Engine	SystemName04	✓	✓	✓	✓	E02,E03,E04,E108,E244,E245,E246,E07,E190,E251,E118,E192,

Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Transmission	SystemName01	✓	✓	✓	✓	E274,E07,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Transmission	SystemName02	✓	✓	✓	✓	E274,E07,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Transmission	SystemName03	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E07,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E07,E77,E75,E199,E256,E257,E255,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName02	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName03	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName04	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName05	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->BCM	SystemName01	✓	✓	✓	✓	E258,E259,E260,E41,E42,E261,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->BCM	SystemName02	✓	✓	✓	✓	E258,E259,E260,E41,E42,E261,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->BCM	SystemName03	✓	✓	✓	✓	E278,E41,E42,E261,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Immobilizer	SystemName01	✓	✓	✓	✓	E57,E58,E59,E60,E61,E07,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Immobilizer	SystemName02	✓	✓	✓	✓	E57,E58,E59,E07,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Speedometer	SystemName01	✓	✓	✓	✓	E266,E77,E75,E267,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Speedometer	SystemName02	✓	✓	✓	✓	E266,E77,E75,E267,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Passive entry and start system	SystemName01	✓	✓	✓	✓	E279,E269,E77,E75,E280,E272,E61,E07,E267,E273,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Passive entry and start system	SystemName02	✓	✓	✓	✓	E268,E58,E269,E270,E77,E75,E271,E272,E07,E267,E273,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Intelligent battery system (IBS)	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E242,E243,E07,E244,E245,E246,E231,E241,E233,E247,E239,E238,E248,E236,E249,E234,E250,E192,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Engine	SystemName02	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,E118,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Transmission	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Transmission	SystemName02	✓	✓	✓	✓	E275,E07,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E07,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E07,E77,E75,E199,E256,E257,E255,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName02	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName03	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->SRS	SystemName04	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->ISS/HAS/ECodap	SystemName01	✓	✓	✓	✓	E276,E277,E07,E28,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->BCM	SystemName01	✓	✓	✓	✓	E258,E259,E260,E41,E42,E261,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->BCM	SystemName02	✓	✓	✓	✓	E258,E259,E260,E41,E42,E261,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->BCM	SystemName03	✓	✓	✓	✓	E278,E41,E42,E261,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Immobilizer	SystemName01	✓	✓	✓	✓	E57,E58,E59,E60,E01,E07,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Speedometer	SystemName01	✓	✓	✓	✓	E266,E77,E75,E267,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Speedometer	SystemName02	✓	✓	✓	✓	E266,E77,E75,E267,
Glebel (Non North America)-->TPseries (D-MAX)-->4K1-->Intelligent battery system (IBS)	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->Engine	SystemName01	✓	✓	✓	✓	E07,E281,E282,E283,E284,E285,
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->Transmission	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E07,
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->SRS	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->SRS	SystemName02	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->SRS	SystemName03	✓	✓	✓	✓	
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->BCM	SystemName01	✓	✓	✓	✓	E258,E259,E260,E41,E42,E261,
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->Immobilizer	SystemName01	✓	✓	✓	✓	E57,E59,E60,E286,E61,E07,
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->Speedometer	SystemName01	✓	✓	✓	✓	E266,E77,E75,E267,
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->Speedometer	SystemName02	✓	✓	✓	✓	E266,E77,E75,E267,
Glebel (Non North America)-->TPseries (D-MAX)-->Z24SE D-->Powertrain interface module (P	SystemName01	✓	✓	✓	✓	E07,E287,E288,E289,E290,E291,E292,E293,E294,E295,E296,E297,E298,E299,E300,E301,E302,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,E118,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Engine	SystemName02	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,E180,E231,E118,E192,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Transmission	SystemName01	✓	✓	✓	✓	E274,E07,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Transmission	SystemName02	✓	✓	✓	✓	E274,E07,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Transmission	SystemName03	✓	✓	✓	✓	E275,E07,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Transmission	SystemName04	✓	✓	✓	✓	
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->ABS/ASR/EBS/ESC	SystemName01	✓	✓	✓	✓	E07,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->ABS/ASR/EBS/ESC	SystemName02	✓	✓	✓	✓	E07,E77,E75,E199,E256,E257,E255,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->SRS	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->SRS	SystemName02	✓	✓	✓	✓	
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->SRS	SystemName03	✓	✓	✓	✓	
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->SRS	SystemName04	✓	✓	✓	✓	
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->ISS/HAS/ECodap	SystemName01	✓	✓	✓	✓	E276,E277,E07,E28,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->BCM	SystemName01	✓	✓	✓	✓	E258,E259,E260,E41,E42,E261,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->BCM	SystemName02	✓	✓	✓	✓	E258,E259,E260,E41,E42,E261,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->BCM	SystemName03	✓	✓	✓	✓	E278,E41,E42,E261,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Immobilizer	SystemName01	✓	✓	✓	✓	E57,E58,E59,E60,E61,E07,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Immobilizer	SystemName02	✓	✓	✓	✓	E57,E58,E59,E07,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Speedometer	SystemName01	✓	✓	✓	✓	E266,E77,E75,E267,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Speedometer	SystemName02	✓	✓	✓	✓	E266,E77,E75,E267,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Passive entry and start system	SystemName01	✓	✓	✓	✓	E279,E269,E77,E75,E280,E272,E61,E07,E267,E273,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Passive entry and start system	SystemName02	✓	✓	✓	✓	E268,E58,E269,E270,E77,E75,E271,E272,E07,E267,E273,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Engine	SystemName01	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,E118,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Engine	SystemName02	✓	✓	✓	✓	E02,E03,E04,E244,E245,E246,E07,E180,E231,E118,E192,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Engine	SystemName03	✓	✓	✓	✓	E274,E07,
Glebel (Non North America)-->UCseries (Mx-X)-->4011-->Transmission	SystemName01	✓	✓	✓	✓	

Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Transmission	SystemName02	✓	✓	✓	✓	E274,E07.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Transmission	SystemName03	✓	✓	✓	✓	
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	ABS ASR/ESP/ESC	SystemName01	✓	✓	✓	✓	E07.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	ABS ASR/ESP/ESC	SystemName02	✓	✓	✓	✓	E07, E77, E75, E199, E256, E257, E255.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	SRS	SystemName01	✓	✓	✓	✓	
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	SRS	SystemName02	✓	✓	✓	✓	
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	SRS	SystemName03	✓	✓	✓	✓	
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	BCM	SystemName01	✓	✓	✓	✓	E258, E259, E260, E41, E42, E261.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	BCM	SystemName02	✓	✓	✓	✓	E258, E259, E260, E41, E42, E261.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	BCM	SystemName03	✓	✓	✓	✓	E78, E41, E42, E761.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Immobilizer	SystemName01	✓	✓	✓	✓	E57, E58, E59, E60, E61, E07.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Immobilizer	SystemName02	✓	✓	✓	✓	E57, E58, E59, E07.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Speedometer	SystemName01	✓	✓	✓	✓	E266, E77, E75, E267.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Speedometer	SystemName02	✓	✓	✓	✓	E266, E77, E75, E267.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Passive entry and start system	SystemName01	✓	✓	✓	✓	E279, E269, E77, E75, E280, E272, E61, E07, E267, E273.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Passive entry and start system	SystemName02	✓	✓	✓	✓	E268, E58, E269, E270, E77, E75, E271, E272, E07, E267, E273.
Glebel (Non North America)-->UCSeries (Mtu-X) -->4HK1-->	Intelligent battery system (IBS)	SystemName01	✓	✓	✓	✓	
North America-->N-series-->(K2019-->5.2L-->diesel (4HK1) -->Automatic-->	ABS		✓	✓	✓	✓	N01, N02.
North America-->N-series-->(K2019-->5.2L-->diesel (4HK1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N03, N04, N05, N06, N07, N08, N09, N10, N11, N12.
North America-->N-series-->(K2019-->5.2L-->diesel (4HK1) -->Automatic-->	Decel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13, N14, N15, N16, N17, N18, N19, N20, N21, N22.
North America-->N-series-->(K2019-->5.2L-->diesel (4HK1) -->Automatic-->	Engine		✓	✓	✓	✓	N23, N24, N25, N26.
North America-->N-series-->(K2019-->5.2L-->diesel (4HK1) -->Automatic-->	FMS CAN converter		✓	✓	✓	✓	N27.
North America-->N-series-->(K2019-->5.2L-->diesel (4HK1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America-->N-series-->(J2018-->4.6.0L-->Petrol-->Automatic-->	ABS		✓	✓	✓	✓	N27.
North America-->N-series-->(J2018-->4.6.0L-->Petrol-->Automatic-->	Engine		✓	✓	✓	✓	N24.
North America-->N-series-->(J2018-->4.6.0L-->Petrol-->Automatic-->	Powertrain interface module (PIM)		✓	✓	✓	✓	
North America-->N-series-->(J2018-->4.6.0L-->Petrol-->Automatic-->	Transmission		✓	✓	✓	✓	
North America-->N-series-->(J2018-->3.0L-->diesel (4J1) -->Automatic-->	ABS		✓	✓	✓	✓	N01, N02.
North America-->N-series-->(J2018-->3.0L-->diesel (4J1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N03, N04, N05, N06, N07, N08, N09, N10, N11, N12.
North America-->N-series-->(J2018-->3.0L-->diesel (4J1) -->Automatic-->	Decel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13, N14, N15, N16, N17, N18, N19, N20, N21, N22.
North America-->N-series-->(J2018-->3.0L-->diesel (4J1) -->Automatic-->	Engine		✓	✓	✓	✓	N28, N29, N30, N31, N32, N33, N23, N25, N26, N34.
North America-->N-series-->(J2018-->3.0L-->diesel (4J1) -->Automatic-->	FMS CAN converter		✓	✓	✓	✓	N27.
North America-->N-series-->(J2018-->3.0L-->diesel (4J1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America-->N-series-->(J2018-->5.2L-->diesel (4HK1) -->Automatic-->	ABS		✓	✓	✓	✓	N01, N02.
North America-->N-series-->(J2018-->5.2L-->diesel (4HK1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N03, N04, N05, N06, N07, N08, N09, N10, N11, N12.
North America-->N-series-->(J2018-->5.2L-->diesel (4HK1) -->Automatic-->	Decel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13, N14, N15, N16, N17, N18, N19, N20, N21, N22.
North America-->N-series-->(J2018-->5.2L-->diesel (4HK1) -->Automatic-->	Engine		✓	✓	✓	✓	N23, N24, N25, N26.
North America-->N-series-->(J2018-->5.2L-->diesel (4HK1) -->Automatic-->	FMS CAN converter		✓	✓	✓	✓	N27.
North America-->N-series-->(J2018-->5.2L-->diesel (4HK1) -->Automatic-->	Transmission		✓	✓	✓	✓	

North America--N-series--(E2014-->5.0L)-->diesel (4H11) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America--N-series--(E2015-->6.0L)-->Petrol-->Automatic-->	Engine		✓	✓	✓	✓	N35,N36,N37,N38,N39,N40,N41,N42,N24,
North America--N-series--(E2015-->6.0L)-->Petrol-->Automatic-->	Powertrain interface module (PIM)	○	✓	✓	✓	○	
North America--N-series--(E2015-->6.0L)-->Petrol-->Automatic-->	Transmission	○	✓	✓	✓	○	N43,
North America--N-series--(E2015-->6.0L)-->Petrol-->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(E2015-->5.7L)-->diesel (4HK1) -->Automatic-->	Engine		✓	✓	✓	✓	N31,N32,N28,N29,N30,N33,N44,N21,N24,N25,N26,
North America--N-series--(E2015-->5.7L)-->diesel (4HK1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(E2015-->5.7L)-->diesel (4HK1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America--N-series--(E2015-->5.2L)-->diesel (4HK1) -->Automatic-->	ABS		✓	✓	✓	✓	N01,N02,
North America--N-series--(E2015-->5.2L)-->diesel (4HK1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(E2015-->5.2L)-->diesel (4HK1) -->Automatic-->	FMS CAN converter		✓	✓	✓	✓	N27,
North America--N-series--(E2014-->5.7L)-->diesel (4HK1) -->Automatic-->	ABS		✓	✓	✓	✓	N01,N02,
North America--N-series--(E2014-->5.7L)-->diesel (4HK1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N03,N04,N05,N06,N07,N08,N09,N10,N11,N12,
North America--N-series--(E2014-->5.2L)-->diesel (4HK1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(E2014-->5.2L)-->diesel (4HK1) -->Automatic-->	Engine		✓	✓	✓	✓	N31,N32,N28,N29,N30,N33,N44,N21,N24,N25,N26,
North America--N-series--(E2014-->5.2L)-->diesel (4HK1) -->Automatic-->	FMS CAN converter		✓	✓	✓	✓	N27,
North America--N-series--(E2014-->5.7L)-->diesel (4HK1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America--N-series--(E2014-->6.6L)-->Petrol-->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(E2014-->6.6L)-->Petrol-->Automatic-->	Engine		✓	✓	✓	✓	N35,N36,N39,N37,N38,N40,N41,N42,N24,
North America--N-series--(E2014-->6.6L)-->Petrol-->Automatic-->	Powertrain interface module (PIM)	○	✓	✓	✓	○	
North America--N-series--(E2014-->6.6L)-->Petrol-->Automatic-->	Transmission		✓	✓	✓	✓	N43,
North America--N-series--(E2014-->3.0L)-->diesel (4H1) -->Automatic-->	ABS		✓	✓	✓	✓	N01,N02,
North America--N-series--(E2014-->3.0L)-->diesel (4H1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(E2014-->3.0L)-->diesel (4H1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(E2014-->3.0L)-->diesel (4H1) -->Automatic-->	Engine		✓	✓	✓	✓	N28,N29,N30,N31,N32,N33,N23,N25,N26,
North America--N-series--(E2014-->3.0L)-->diesel (4H1) -->Automatic-->	FMS CAN converter		✓	✓	✓	✓	N27,
North America--N-series--(E2014-->3.0L)-->diesel (4H1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America--N-series--(D2013-->3.0L)-->diesel (4H1) -->Automatic-->	ABS		✓	✓	✓	✓	N01,N02,
North America--N-series--(D2013-->3.0L)-->diesel (4H1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(D2013-->3.0L)-->diesel (4H1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(D2013-->3.0L)-->diesel (4H1) -->Automatic-->	Engine		✓	✓	✓	✓	N28,N29,N30,N31,N32,N33,N23,N25,N26,
North America--N-series--(D2013-->3.0L)-->diesel (4H1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America--N-series--(D2013-->3.0L)-->diesel (4H1) -->Automatic-->	FMS CAN converter		✓	✓	✓	✓	N27,
North America--N-series--(D2013-->6.0L)-->Petrol-->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(D2013-->6.0L)-->Petrol-->Automatic-->	Engine		✓	✓	✓	✓	N35,N36,N39,N37,N38,N40,N41,N42,N24,
North America--N-series--(D2013-->6.0L)-->Petrol-->Automatic-->	Powertrain interface module (PIM)		✓	✓	✓	○	
North America--N-series--(D2013-->6.0L)-->Petrol-->Automatic-->	Transmission		✓	✓	✓	✓	N43,
North America--N-series--(D2013-->5.2L)-->diesel (4HK1) -->Manual-->	ABS	○	✓	✓	✓	○	
North America--N-series--(D2013-->5.2L)-->diesel (4HK1) -->Manual-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(D2013-->5.2L)-->diesel (4HK1) -->Manual-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(D2013-->5.2L)-->diesel (4HK1) -->Manual-->	Engine		✓	✓	✓	✓	N28,N29,N30,N44,N31,N32,N33,N21,N25,N26,
North America--N-series--(D2013-->5.2L)-->diesel (4HK1) -->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(D2013-->5.2L)-->diesel (4HK1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(D2013-->5.2L)-->diesel (4HK1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(D2013-->5.2L)-->diesel (4HK1) -->Automatic-->	Engine		✓	✓	✓	✓	N28,N29,N30,N44,N31,N32,N33,N21,N25,N26,
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Manual-->	ABS	○	✓	✓	✓	○	
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Manual-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Manual-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Manual-->	Engine		✓	✓	✓	✓	N28,N29,N30,N44,N31,N32,N33,N21,N25,N26,
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Automatic-->	Engine		✓	✓	✓	✓	N28,N29,N30,N44,N31,N32,N33,N21,N25,N26,
North America--N-series--(C2012-->5.2L)-->diesel (4HK1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America--N-series--(C2012-->3.0L)-->diesel (4H1) -->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(C2012-->3.0L)-->diesel (4H1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(C2012-->3.0L)-->diesel (4H1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(C2012-->3.0L)-->diesel (4H1) -->Automatic-->	Engine		✓	✓	✓	✓	N28,N29,N30,N31,N32,N33,N21,N25,N26,
North America--N-series--(C2012-->6.0L)-->Petrol-->Automatic-->	Transmission		✓	✓	✓	✓	
North America--N-series--(C2012-->6.0L)-->Petrol-->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(C2012-->6.0L)-->Petrol-->Automatic-->	Engine		✓	✓	✓	✓	N35,N36,N39,N37,N38,N40,N41,N42,
North America--N-series--(C2012-->6.0L)-->Petrol-->Automatic-->	Powertrain interface module (PIM)		✓	✓	✓	○	
North America--N-series--(C2012-->6.0L)-->Petrol-->Automatic-->	Transmission		✓	✓	✓	✓	N43,
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Manual-->	ABS	○	✓	✓	✓	○	
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Manual-->	Engine		✓	✓	✓	✓	N28,N29,N30,N44,N31,N32,N33,N21,N25,N26,
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Manual-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Manual-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Automatic-->	Engine		✓	✓	✓	✓	N28,N29,N30,N44,N31,N32,N33,N21,N25,N26,
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America--N-series--(B2011-->5.2L)-->diesel (4HK1) -->Automatic-->	MIMAMORI ECU		✓	✓	✓	✓	N11,N12,N03,N04,N05,N06,N07,N08,N09,N10,
North America--N-series--(B2011-->3.0L)-->diesel (4H1) -->Automatic-->	ABS	○	✓	✓	✓	○	
North America--N-series--(B2011-->3.0L)-->diesel (4H1) -->Automatic-->	Diesel exhaust fluid (DEF) control module		✓	✓	✓	✓	N13,N14,N15,N16,N17,N18,N19,N20,
North America--N-series--(B2011-->3.0L)-->diesel (4H1) -->Automatic-->	Transmission		✓	✓	✓	✓	

[illegible]

[illegible]

North America-->N/W series-->Y2000-->4.8L-->Diesel (4HE1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America-->N/W series-->Y2000-->4.8L-->Diesel (4HE1) -->Automatic-->	ABS		○	✓	✓	✓	
North America-->N/W series-->Y2000-->4.8L-->Diesel (4HE1) -->Automatic-->	Engine		○	✓	✓	✓	
North America-->N/W series-->Y2000-->4.8L-->Diesel (4HE1) -->Manual-->	ABS		○	✓	✓	✓	
North America-->N/W series-->Y2000-->4.8L-->Diesel (4HE1) -->Manual-->	Engine		○	✓	✓	✓	
North America-->N/W series-->Y2000-->5.7L (FED) -->Petrol-->Automatic-->	Transmission		○	✓	✓	✓	N3K,N37,N50,N49,
North America-->N/W series-->Y2000-->5.7L (FED) -->Petrol-->Automatic-->	ABS		○	✓	✓	✓	
North America-->N/W series-->Y2000-->5.7L (FED) -->Petrol-->Automatic-->	Engine		○	✓	✓	✓	
North America-->N/W series-->X1999-->5.7L (CAL) -->Petrol-->Automatic-->	Transmission		○	✓	✓	✓	N3K,N37,N49,
North America-->N/W series-->X1999-->5.7L (CAL) -->Petrol-->Automatic-->	ABS		○	✓	✓	✓	
North America-->N/W series-->X1999-->5.7L (CAL) -->Petrol-->Automatic-->	Engine		○	✓	✓	✓	
North America-->N/W series-->X1999-->4.8L-->Diesel (4HE1) -->Manual-->	Engine		✓	✓	✓	○	
North America-->N/W series-->X1999-->4.8L-->Diesel (4HE1) -->Automatic-->	Engine		✓	✓	✓	○	
North America-->N/W series-->X1999-->4.8L-->Diesel (4HE1) -->Automatic-->	Transmission		✓	✓	✓	✓	
North America-->N/W series-->X1999-->5.7L (FED) -->Petrol-->Automatic-->	Engine		○	✓	✓	✓	N3K,N37,N50,N49,
North America-->N/W series-->X1999-->5.7L (FED) -->Petrol-->Automatic-->	Transmission		○	✓	✓	✓	
North America-->N/W series-->X1999-->5.7L (FED) -->Petrol-->Automatic-->	ABS		○	✓	✓	✓	
North America-->N/W series-->W1998-->5.7L (FED) -->Petrol-->Automatic-->	Engine		○	✓	✓	✓	N3K,N37,N50,N49,
North America-->N/W series-->W1998-->5.7L (FED) -->Petrol-->Automatic-->	Transmission		○	✓	✓	✓	
North America-->N/W series-->W1998-->5.7L (CAL) -->Petrol-->Automatic-->	Engine		○	✓	✓	✓	N3K,N37,N49,
North America-->N/W series-->W1998-->5.7L (CAL) -->Petrol-->Automatic-->	Transmission		○	✓	✓	✓	
North America-->N/W series-->V1997-->5.7L (FED) -->Petrol-->Automatic-->	Engine		○	✓	✓	✓	N3K,N37,N50,
North America-->N/W series-->V1997-->5.7L (FED) -->Petrol-->Automatic-->	Transmission		○	✓	✓	○	
North America-->N/W series-->V1997-->5.7L (CAL) -->Petrol-->Automatic-->	Engine		○	✓	✓	○	
North America-->N/W series-->V1997-->5.7L (CAL) -->Petrol-->Automatic-->	Transmission		○	✓	✓	○	
North America-->N/W series-->T1996-->5.7L (CAL) -->Petrol-->Automatic-->	Engine		○	✓	✓	○	
North America-->N/W series-->T1996-->5.7L (CAL) -->Petrol-->Automatic-->	Transmission		○	✓	✓	○	
North America-->N/W series-->T1996-->5.7L (FED) -->Petrol-->Automatic-->	Engine		○	✓	✓	✓	N3K,N37,N50,
North America-->N/W series-->T1996-->5.7L (FED) -->Petrol-->Automatic-->	Transmission		○	✓	✓	○	

E01	Reset diesel particulate diffuser (DPD) regeneration
E02	Program injector ID
E03	Upload injector ID
E04	Download injector ID
E05	Upload mass air flow (MAF) compensation
E06	Download mass air flow (MAF) compensation
E07	Program VIN
E08	Calibration data (MAF)
E09	Reset fuel pump correction
E10	Diesel particulate diffuser (DPD) dry
E11	Exhaust gas recirculation (EGR) valve zero position step counter 1
E12	Diesel particulate diffuser (DPD) forced automatic regeneration
E13	Diesel particulate diffuser (DPD) forced automatic regeneration
E14	Write starting counter
E15	Program vehicle type
E16	Update load capacity
E17	Life reset request
E18	Power take-Off (PTO) requested engine speed
E19	Program speedometer gear
E20	Program tire size
E21	Program tire compensation
E22	Program final gear ratio
E23	Program ABS installation
E24	Power take-Off (PTO) setting
E25	Programming rear tire radius
E26	Mobile elevating work platform
E27	Update vehicle configuration
E28	Clear idle stop & start (ISS) maintenance data
E29	ISS drive data clear
E30	Remote keyless entry (RKE) registration
E31	Clear remote keyless entry (RKE) registration
E32	Alarm of engine oil life mileage
E33	Alarm of T/M fluid life mileage
E34	Starter duration of life counts
E35	Clear hour meter information
E36	Clear fuel data display
E37	Clear alarm of engine oil life distance
E38	Clear alarm of T/M fluid life distance

E39	Engine oil alarm value
E40	Transmission oil alarm value
E41	BCM data upload
E42	BCM data download
E43	Update engine type
E44	Update transmission type
E45	Update final gear ratio
E46	Update tire rolling radius
E47	Update AD input
E48	ECM fault code data
E49	Fault code data except ECM
E50	ECU lock
E51	Clear all MIMAMORI data
E52	Clear all MIMAMORI fault code memory
E53	Clear all engine DMU data
E54	Clear all TCM DMU data
E55	Forced engine DMU record
E56	Forced TCM DMU record
E57	Reset immobilizer
E58	Reset engine control module
E59	Erase transponder keys
E60	Program immobilizer function
E61	Program transponder keys
E62	Clear injection learned value
E63	Clear air fuel ratio threshold
E64	Clear throttle idle learned value
E65	Clear close throttle learned value
E66	Fault code memory reading
E67	T/M type
E68	Load capacity
E69	Battery life reset request
E70	Idle stop & start (ISS) configuration during refrigerator operation
E71	Vehicle body configuration
E72	Hybrid battery idle charge request
E73	Tire diameter programming
E74	Program basic vehicle configuration data
E75	Download vehicle configuration data
E76	Program vehicle configuration data

E77	Upload vehicle configuration data
E78	Ecostop correction
E79	G sensor zero point learning
E80	Starter life estimated start count
E81	Clear idle stop & start (ISS) drive data
E82	EOL data setting/change
E83	Forced DRM data record
E84	Clear DRM data
E85	Change electric function setting value
E86	Forced drive electric function
E87	Register remote key transmitter
E88	Delete remote key transmitter
E89	Display preventative maintenance data
E90	Change threshold value
E91	Display fault code history for each system
E92	Clear fault code history for each system
E93	Data upload (BCM -> tool)
E94	Data download (tool -> BCM)
E95	Clear hour meter data
E96	Clear fuel consumption measure data
E97	Clear all MIMAMORI data
E98	Clear HEV power take-Off (PTO) overhaul alarm
E99	Clear HEV water pump overhaul alarm
E100	Fuel delivery rate
E101	Upload fuel delivery rate
E102	Download fuel delivery rate
E103	Program mass air flow (MAF) learning value
E104	Upload mass air flow (MAF) learning value
E105	Download mass air flow (MAF) learning value
E106	Mass air flow (MAF) learning
E107	Fuel supply pump learning resetting
E108	Diesel particulate diffuser (DPD) regeneration data reset
E109	Engine oil exchange reset
E110	Accelerator pedal position (APP) (full) learn value reset
E111	Check diesel particulate diffuser (DPD) differential pressure
E112	Exhaust gas recirculation (EGR) valve zero position step counter 1
E113	Option
E114	SLD setting vehicle speed

E115	Power take-Off (PTO) idle speed
E116	Upload injector ID
E117	Download injector ID
E118	EEPROM error clearing
E119	Program fuel delivery rate
E120	Diesel particulate diffuser (DPD) cooling mode
E121	Customize information
E122	Special vehicle
E123	Exhaust injector air purge
E124	Vehicle configuration all data setting/change
E125	Data upload (MIMAMORI -> tool)
E126	Data download (tool -> MIMAMORI)
E127	Clear EDR data
E128	Clear MIMAMORI data (engine replacement)
E129	Clear MIMAMORI data (used MIMAMORI replacement)
E130	Clear MIMAMORI fault code data
E131	Various specification switching setting
E132	CAN ID setting
E133	CAN baud rate setting
E134	BCM software setting
E135	Turn lamp number setting
E136	Brake lamp number setting
E137	Neutral switch type setting
E138	Vehicle configuration data all programming
E139	Program remote control key
E140	Reset remote control key
E141	Immobilizer function setting
E142	Program transponder keys
E143	Reset transponder keys
E144	Basic vehicle configuration data
E145	NOx learning reset
E146	Lambda learning value reset
E147	Barometric pressure zero learning
E148	Exhaust differential pressure zero learning
E149	EDU flag check
E150	EDU learning
E151	Detail fault code data
E152	Selective catalytic reduction (SCR) catalyst data reset

E153	NOx sensor 1 data reset
E154	Exhaust gas temperature (EGT) sensor 3 data reset
E155	AdBlue/DEF dosing control module (DCM) data reset
E156	Oxidation catalyst data reset
E157	Diesel particulate diffuser (DPD) data reset
E158	AdBlue/DEF injector data reset
E159	Upload aging factor
E160	Download aging factor
E161	Program engine type
E162	Program transmission type
E163	Power take-Off (PTO) request engine speed
E164	Program power take-Off (PTO) setting
E165	Power take-Off (PTO) option setting
E166	Programming warning alarm option
E167	Programming oil pump option
E168	Vehicle type information setting
E169	Engine type information setting
E170	Transmission type information setting
E171	Ecostop setting
E172	Hill start aid (HSA) type setting
E173	Mobile elevating work platform setting
E174	EVSC setting
E175	G sensor specifications setting
E176	CAN converter setting
E177	Hill start aid (HSA) valve active test count limit setting
E178	Electric parking brake (EPB) setting
E179	Advanced emergency brake system (AEBS) setting
E180	Electronic brake system (EBS) setting
E181	Operation support function setting
E182	CAN transmission function setting
E183	Brake diagnostic communication convert function setting
E184	Brake CAN converter function setting
E185	Wheel park sensor setting
E186	Brake lamp switch (BLS) type setting
E187	Steering angle sensor (SAS) learning
E188	M/T type setting
E189	MOPS registration operation setting
E190	Diesel particulate diffuser (DPD) dilution trip data reset

E191	Diesel particulate diffuser (DPD) automatic regeneration
E192	In-Use-Performance-Ratio (IUPR) data
E193	AdBlue/DEF injector data reset
E194	Program wheel base data
E195	Upload wheel base data
E196	Download wheel base data
E197	Initialize steering central position
E198	Forced learning steering central position
E199	Vehicle configuration data setting
E200	Initial learning
E201	Change vehicle configuration data parameter for CYY
E202	Vehicle configuration programming
E203	Engine type programming
E204	Transmission type programming
E205	Final gear ratio programming
E206	Tire size programming
E207	Engine oil distance resetting
E208	Engine oil preset interval
E209	Engine oil additional distance
E210	Transmission oil distance resetting
E211	Transmission oil preset interval
E212	Transmission oil additional distance
E213	Fuel consumption data resetting
E214	Accumulated engine runtime resetting
E215	Engine log data force recording
E216	Transmission log data force recording
E217	Accumulated engine log data clearing
E218	Accumulated transmission log data clearing
E219	Recorded DTC data clearing
E220	All accumulation data clearing
E221	Display fault codes for each system
E222	Clear fault codes for each system
E223	Adjust correction code
E224	Adjust part number
E225	Power take-Off (PTO) throttle 0% voltage
E226	Power take-Off (PTO) throttle 0% voltage
E227	Power take-Off (PTO) use mode
E228	Power take-Off (PTO) selector switch

E229	Tachometer pulse count
E230	CAB select
E231	Exhaust differential pressure sensor learning
E232	Clear diesel particulate diffuser (DPD) data (DPD regeneration)
E233	Clear diesel particulate diffuser (DPD) data (exchange DPD filter)
E234	Clear learned value (intake throttle)
E235	Clear learned value (quantity cylinder balancing)
E236	Clear learned value (fuel mass observer)
E237	Clear learned value (heated oxygen sensor)
E238	Clear learned value (fuel rail pressure regulator)
E239	Clear learned value (fuel injection)
E240	ECM data reset
E241	Reset oil dilution
E242	Upload lambda data
E243	Download lambda data
E244	Programming vehicle speed correction data
E245	Upload vehicle speed correction data
E246	Download vehicle speed correction data
E247	Clear learned value (dew point)
E248	Clear learned value (lambda sensor)
E249	Clear learned value (wheel learning)
E250	Clear learned value (lambda sensor adaptation)
E251	Reset all accumulation data
E252	Learning camera direction
E253	Learning radar direction
E254	Reset advanced emergency brake system (AEBS) counter
E255	Event data recorder
E256	Learning for steering central position
E257	Learning for G sensor central position
E258	Remote keyless entry (RKE) transmitter registration
E259	Remote keyless entry (RKE) transmitter registration deletion
E260	Door unlocking timing setting
E261	BCM data setting/change
E262	Reset DDS
E263	Erase all transponder keys
E264	Program immobilizer function for new ICU
E265	Program immobilizer function for used ICU
E266	Clock display setting

E267	Vehicle configuration setting
E268	Reset passive entry and start system (PESS) control unit
E269	Erase electronic key
E270	Reset steering lock ECU
E271	Program passive entry and start system (PESS) function
E272	Electronic key registration
E273	Initial controller setting
E274	Clear learning value and diagnostic information
E275	Clear learning value
E276	Upload idle stop & start (ISS) maintenance data
E277	Download idle stop & start (ISS) maintenance data
E278	Door unlocking function setting
E279	Reset passive entry and start system (PESS) control unit
E280	Program passive entry and start system (PESS) function
E281	Idle learn
E282	Fuel trim learn
E283	Fuel trim reset
E284	Heated oxygen sensor (HO2S) heater learning
E285	Primary calibration flash history
E286	Program ECM function
E287	ABS present
E288	Electronic stability control (ESC) present
E289	A/C compressor type
E290	Engine performance identifier
E291	Vehicle speed control system type
E292	Traction control system present
E293	ECC present
E294	A/T present
E295	EBT usage
E296	Setpoint duty cycle percent (terminal L illumination On)
E297	Setpoint duty cycle percent (terminal L illumination Off)
E298	Set point duty cycle percent (terminal L EBT)
E299	Vehicle top speed limit request
E300	Transfer case control module present
E301	Hill descent switch present
E302	Transmission shift pattern switch present
N01	Write VIN
N02	ABS hold valve test

N03	Fuel economy meter reset
N04	Hour meter reset
N05	Engine log data clearing
N06	A/T log data clearing
N07	Selective catalytic reduction (SCR) system log data clearing
N08	A/T event data clearing
N09	Recorded ECM/TCM/DEFCM fault code data clearing
N10	All accumulation data clearing
N11	Engine oil life options english I/P
N12	Engine oil life options metric I/P
N13	Diesel exhaust fluid (DEF) injector control
N14	Diesel exhaust fluid (DEF) injector data reset
N15	Exhaust gas temperature (EGT) sensor 3 data reset
N16	NOx sensor 1 data reset
N17	NOx sensor 2 data reset
N18	Diesel exhaust fluid (DEF) control module data reset
N19	Selective catalytic reduction (SCR) catalyst data reset
N20	Oxidation catalyst data reset
N21	SCR automated leak test
N22	SCR injector test
N23	Vehicle option
N24	Program engine serial number
N25	Injector flow rates
N26	Speedometer calibration
N27	Module setting
N28	Diesel particulate filter (DPF) normal regeneration
N29	Diesel particulate filter (DPF) slow regeneration
N30	Exhaust differential pressure sensor learn
N31	Clear diesel particulate filter (DPF) data
N32	Clear ECM learned data
N33	Idle shutdown extension
N34	4JJ1 MAF sensor performance test
N35	Idle spark
N36	Spark retard
N37	Fuel trim enable
N38	Fuel trim reset
N39	Engine speed control
N40	Crankshaft position (CKP) variation learning

N41	Heated oxygen sensor (HO2S) heater learning
N42	Powertrain interface module (PIM) security password - quick learn
N43	Reset transmission adapts
N44	Supply pump learning reset
N45	Clear mass air flow (MAF) learned data
N46	Idle learning reset
N47	RPM control
N48	Crankshaft position (CKP) variation learning
N49	Crankshaft variation learning
N50	Idle air control (IAC) reset