



Shenzhen Xtooltech Co., Ltd

SCION Function list V12.80

Tips and Instructions:

- * This feature is new.
- √ This feature is supported.
- This feature is not supported.
- ※ This feature is partially supported.

Area	Vehicle Type	Mode	Year	System	Read Trouble Code	Clear Trouble Code	Live Data	Read Freeze Frame	Actuation Test	Special Functions
Europe or Others	iQ	KGJ	All years	Engine and ECT	√	√	√	√	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0445, 0446, 0447, 0448, 0449, 0450, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498,	SP0013, SP0017, SP0027, SP0028, SP0029, SP0030, SP0041, SP0042, SP0043, SP0044

Europe or Others	iQ	KGJ	All years	ABS/VSC/T RC	✓	✓	✓	✓	0003, 0340, 0 341, 0342, 03 43, 0344, 034 5, 0346, 0347 , 0348, 0349, 0350, 0351, 0 352, 0353, 03 54, 0355, 035 6, 0357, 0358 , 0359, 0360, 0361, 0362, 0 363, 0364, 03 65, 0366, 036 7, 0368, 0369 , 0370, 0371, 0372, 0373, 0 374, 0375, 03 76, 0377, 037 8, 0379, 0380 , 0381, 0382, 0383, 0384, 0 385, 0386, 03 87, 0388, 038 9, 0390, 0391 , 0392, 0393, 0394, 0395, 0 396, 0397, 03 98, 0399, 040 0, 0401, 0402 , 0403, 0404,	SP0001, SP0 010, SP0011 , SP0012, SP 0013, SP001 4
Europe or Others	iQ	KGJ	All years	EMPS	✓	✓	✓	✓		SP0001, SP0 002, SP0052

Europe or Others	iQ	KGJ	All years	Air Conditioner	√	√	√	√	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0003, SP0004, SP0005
Europe or Others	iQ	KGJ	All years	Supplement Restraint System (SRS) Airbag	√	√	√	√		SP0001

Europe or Others	iQ	KGJ	All years	Main Body	√	√	√	√	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
Europe or Others	iQ	KGJ	All years	PM2 Gateway	√	√	√	√		SP0007
Europe or Others	iQ	KGJ	All years	Driver Door Motor	√	√	√		0036	
Europe or Others	iQ	KGJ	All years	Passenger Door Motor	√	√	√		0036	
Europe or Others	iQ	KGJ	All years	Master Switch	√	√	√			

Europe or Others	iQ	KGJ	All years	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
Europe or Others	iQ	KGJ	All years	Entry&Start	✓	✓	✓	✓	0027, 0028, 0030, 0033, 0034, 0035, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060	SP0007, SP0036, SP0037, SP0038, SP0039, SP0040
Europe or Others	iQ	KGJ	All years	Power Source Control	✓	✓	✓	✓	0018, 0019, 0020, 0021, 0022, 0023, 0024	SP0035
Europe or Others	iQ	KGJ	All years	Charging Control	✓	✓	✓	✓	0017	
Europe or Others	iQ	KGJ	All years	Starting Control	✓	✓	✓	✓	0015, 0016	

Europe or Others	iQ	KGJ	All years	Immobiliser	✓	✓	✓		0034, 0618, 0619, 0620, 0621, 0622, 0623, 0624	SP0033, SP0034
Europe or Others	iQ	KGJ	All years	Theft Deterrent	✓	✓	✓		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
Europe or Others	iQ	NGJ	All years	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0445, 0446, 0447, 0448, 0449, 0450, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498,	SP0013, SP0017, SP0027, SP0028, SP0029, SP0030, SP0041, SP0042, SP0043, SP0044
Europe or Others	iQ	NGJ	All years	Stop and Start	✓	✓	✓	✓	0001, 0002, 0003, 0004, 0005, 0006, 0007, 0008, 0009, 0010, 0011, 0012, 0013, 0014	SP0043, SP0044, SP0053, SP0054, SP0055, SP0056, SP0057, SP0058

Europe or Others	iQ	NGJ	All years	ABS/VSC/TC RC	✓	✓	✓	✓	0003, 0340, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0390, 0391, 0392, 0393, 0394, 0395, 0396, 0397, 0398, 0399, 0400, 0401, 0402, 0403, 0404,	SP0001, SP0010, SP0011, SP0012, SP0013, SP0014
Europe or Others	iQ	NGJ	All years	EMPS	✓	✓	✓	✓		SP0001, SP0002, SP0052

Europe or Others	iQ	NGJ	All years	Air Conditioner	✓	✓	✓	✓	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0003, SP0004, SP0005
Europe or Others	iQ	NGJ	All years	Supplement Restraint System (SRS) Airbag	✓	✓	✓	✓		SP0001

Europe or Others	iQ	NGJ	All years	Main Body	✓	✓	✓	✓	0019, 0020, 0 028, 0029, 00 30, 0031, 003 2, 0033, 0034 , 0035, 0289, 0290, 0291, 0 292, 0293, 02 94, 0295, 029 6, 0297, 0298 , 0299, 0300, 0301, 0302, 0 303, 0304, 03 05, 0306, 030 7, 0308, 0309 , 0310, 0311, 0312, 0313, 0 314, 0315, 03 16, 0317, 031 8, 0319, 0320 , 0321, 0322, 0323, 0324, 0 325, 0326, 03 27, 0328, 032 9, 0330, 0331 , 0332, 0333, 0334, 0335, 0 336, 0337, 03 38, 0339	SP0006, SP0 007, SP0008 , SP0009
Europe or Others	iQ	NGJ	All years	PM2 Gateway	✓	✓	✓	✓		SP0007
Europe or Others	iQ	NGJ	All years	Driver Door Motor	✓	✓	✓		0036	
Europe or Others	iQ	NGJ	All years	Passenger Door Motor	✓	✓	✓		0036	
Europe or Others	iQ	NGJ	All years	Master Switch	✓	✓	✓			

Europe or Others	iQ	NGJ	All years	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
Europe or Others	iQ	NGJ	All years	Entry&Start	✓	✓	✓	✓	0027, 0028, 0030, 0033, 0034, 0035, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060	SP0007, SP0036, SP0037, SP0038, SP0039, SP0040
Europe or Others	iQ	NGJ	All years	Power Source Control	✓	✓	✓	✓	0018, 0019, 0020, 0021, 0022, 0023, 0024	SP0035
Europe or Others	iQ	NGJ	All years	Charging Control	✓	✓	✓	✓	0017	
Europe or Others	iQ	NGJ	All years	Starting Control	✓	✓	✓	✓	0015, 0016	

Europe or Others	iQ	NGJ	All years	Immobiliser	✓	✓	✓		0034, 0618, 0619, 0620, 0621, 0622, 0623, 0624	SP0033, SP0034
Europe or Others	iQ	NGJ	All years	Theft Deterrent	✓	✓	✓		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
Europe or Others	iQ	NUJ	All years	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0445, 0446, 0447, 0448, 0449, 0450, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498,	SP0013, SP0015, SP0016, SP0017, SP0018, SP0019, SP0020, SP0021, SP0022, SP0023, SP0024, SP0025, SP0026, SP0027, SP0028, SP0029, SP0030, SP0031, SP0032

Europe or Others	iQ	NUJ	All years	ABS/VSC/TRC	✓	✓	✓	✓	0003, 0340, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0390, 0391, 0392, 0393, 0394, 0395, 0396, 0397, 0398, 0399, 0400, 0401, 0402, 0403, 0404,	SP0001, SP0010, SP0011, SP0012, SP0013, SP0014
Europe or Others	iQ	NUJ	All years	EMPS	✓	✓	✓	✓		SP0001, SP0002

Europe or Others	iQ	NUJ	All years	Air Conditioner	√	√	√	√	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0003, SP0004, SP0005
Europe or Others	iQ	NUJ	All years	Supplement Restraint System (SRS) Airbag	√	√	√	√		SP0001

Europe or Others	iQ	NUJ	All years	Main Body	✓	✓	✓	✓	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
Europe or Others	iQ	NUJ	All years	Driver Door Motor	✓	✓	✓		0036	
Europe or Others	iQ	NUJ	All years	Passenger Door Motor	✓	✓	✓		0036	
Europe or Others	iQ	NUJ	All years	Master Switch	✓	✓	✓			

Europe or Others	iQ	NUJ	All years	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
Europe or Others	iQ	NUJ	All years	Entry&Start	✓	✓	✓	✓	0027, 0028, 0030, 0033, 0034, 0035, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060	SP0007, SP0036, SP0037, SP0038, SP0039, SP0040
Europe or Others	iQ	NUJ	All years	Power Source Control	✓	✓	✓	✓	0018, 0019, 0020, 0021, 0022, 0023, 0024	SP0035
Europe or Others	iQ	NUJ	All years	Charging Control	✓	✓	✓	✓	0017	
Europe or Others	iQ	NUJ	All years	Starting Control	✓	✓	✓	✓	0015, 0016	

Europe or Others	iQ	NUJ	All years	Immobiliser	✓	✓	✓		0034, 0618, 0619, 0620, 0621, 0622, 0623, 0624	SP0033, SP0034
Europe or Others	iQ	NUJ	All years	Theft Deterrent	✓	✓	✓		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
Europe or Others	iQ EV	KPJ	All years	EV	✓	✓	✓	✓	0470, 0615, 0730	SP0010, SP0029, SP0044, SP0050
Europe or Others	iQ EV	KPJ	All years	EV Battery	✓	✓	✓	✓	0729	SP0044, SP0046, SP0047, SP0048, SP0049
Europe or Others	iQ EV	KPJ	All years	Plug-in Control	✓	✓	✓	✓	0731, 0732	SP0044, SP0051
Europe or Others	iQ EV	KPJ	All years	ABS/VSC/TRC	✓	✓	✓	✓	0003, 0340, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0390, 0391, 0392, 0393, 0394, 0395, 0396, 0397, 0398, 0399, 0400, 0401, 0402, 0403, 0404,	SP0001, SP0011, SP0012, SP0013, SP0014, SP0045
Europe or Others	iQ EV	KPJ	All years	EMPS	✓	✓	✓	✓		SP0001, SP0002, SP0044

Europe or Others	iQ EV	KPJ	All years	Air Conditioner	✓	✓	✓	✓	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0003, SP0004, SP0005
Europe or Others	iQ EV	KPJ	All years	Supplement Restraint System (SRS) Airbag	✓	✓	✓	✓		SP0001

Europe or Others	iQ EV	KPJ	All years	Main Body	✓	✓	✓	✓	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
Europe or Others	iQ EV	KPJ	All years	PM1 Gateway	✓	✓	✓	✓		SP0007
Europe or Others	iQ EV	KPJ	All years	Driver Door Motor	✓	✓	✓		0036	
Europe or Others	iQ EV	KPJ	All years	Passenger Door Motor	✓	✓	✓		0036	
Europe or Others	iQ EV	KPJ	All years	Master Switch	✓	✓	✓			

Europe or Others	iQ EV	KPJ	All years	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
Europe or Others	iQ EV	KPJ	All years	Entry&Start	✓	✓	✓	✓	0027, 0028, 0030, 0033, 0034, 0035, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060	SP0007, SP0036, SP0037, SP0038, SP0039, SP0040
Europe or Others	iQ EV	KPJ	All years	Power Source Control	✓	✓	✓	✓	0018, 0019, 0020, 0021, 0022, 0023, 0024	SP0035

Europe or Others	xA	NCP	All years	Engine and ECT	√	√	√	√	0524, 0611, 0 674, 0675, 06 76, 0677, 067 8, 0679, 0680 , 0681, 0682, 0683, 0684, 0 685, 0686, 06 87, 0688, 068 9, 0690, 0691 , 0692, 0693, 0694, 0695, 0 696, 0697, 06 98, 0699, 070 0, 0701, 0702 , 0703, 0704, 0705, 0706, 0 707, 0708, 07 09, 0710, 071 1, 0712, 0713 , 0714, 0715, 0716, 0717, 0 718, 0719, 07 20, 0721, 072 2, 0723, 0724 , 0725, 0726, 0727, 0728	SP0013, SP0 044
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Europe or Others	xA	NCP	All years	ABS/VSC/TPC	✓	✓	✓	✓	0340, 0341, 0342, 0343, 0344, 0346, 0355, 0363, 0364, 0369, 0370, 0371, 0372, 0391, 0404, 0405, 0414, 0415, 0416, 0417, 0418, 0419, 0420, 0421, 0422, 0423, 0424, 0427, 0428, 0429, 0625, 0626, 0627, 0628, 0629, 0630, 0631, 0632, 0633, 0634, 0635, 0636, 0637, 0638, 0639, 0640, 0641, 0642, 0643, 0644, 0645, 0646, 0647, 0648, 0649, 0650, 0651, 0652, 0653, 0654, 0655, 0656, 0657, 0658, 0659, 0660,	SP0001, SP0011, SP0013, SP0014
Europe or Others	xA	NCP	All years	Immobiliser	✓	✓	✓		SP0037, SP0038, SP0059	
Europe or Others	xA	NCP	All years	Supplement Restraint System (SRS) Airbag	✓	✓			SP0044	

USA	FR-S	Z#6	2013-2016	Engine	√	√	√	0015, 0017, 0436, 0467, 0478, 0483, 0484, 0495, 0496, 0508, 0509, 0510, 0511, 0513, 0514, 0515, 0520, 0535, 0537, 0540, 0542, 0545, 0546, 0547, 0554, 0555, 0587, 0588, 0589, 0591, 0592, 0593, 0594, 0595, 0598, 0599, 0602, 0603, 0605, 0606, 0610, 0611, 0615, 0616, 0617, 0823, 0824	SP0029, SP0044
USA	FR-S	Z#6	2013-2016	ECT	√	√	√	0015, 0017, 0436, 0467, 0478, 0483, 0484, 0495, 0496, 0509, 0510, 0511, 0513, 0514, 0515, 0520, 0535, 0537, 0540, 0542, 0545, 0546, 0547, 0554, 0555, 0587, 0588, 0589, 0591, 0592, 0593, 0594, 0595, 0598, 0599, 0602, 0603, 0605, 0606, 0610, 0611, 0615, 0616, 0617, 0823, 0824	SP0013, SP0044
USA	FR-S	Z#6	2013-2016	Cruise Control	√	√	√		
USA	FR-S	Z#6	2013-2016	ABS/VSC/TRAC	√	√	√	0341, 0343, 0348, 0350, 0351, 0396, 0397, 0398, 0402, 0410, 0414, 0415, 0416, 0417, 0418, 0419, 0420, 0421, 0423, 0425, 0825	SP0001, SP0010, SP0044, SP0070

USA	FR-S	Z#6	2013-2016	Tire Pressure Monitor	√	√	√			SP0001, SP0067
USA	FR-S	Z#6	2013-2016	EMPS	√	√	√	√		SP0002, SP0052
USA	FR-S	Z#6	2013-2016	Air Conditioner	√	√	√	√	0103, 0120, 0809, 0810, 0811, 0812, 0813, 0814, 0815, 0816, 0817, 0818, 0819, 0820, 0821	
USA	FR-S	Z#6	2013-2016	Theft Deterrent			√		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
USA	FR-S	Z#6	2013-2016	Supplement Restraint System (SRS) Airbag	√	√	√	√		SP0001
USA	FR-S	Z#6	2013-2016	Main Body	√	√	√	√	0031, 0032, 0034, 0291, 0292, 0293, 0294, 0312, 0320, 0321, 0333, 0336, 0337, 0338, 0799, 0800, 0801, 0802, 0803, 0804, 0805, 0806, 0807, 0808	SP0008, SP0009, SP0038, SP0069
USA	FR-S	Z#6	2013-2016	Master Switch	√	√	√		0794, 0795	SP0013
USA	FR-S	Z#6	2013-2016	Combination Meter	√	√	√	√	0121, 0124, 0164, 0165, 0171, 0177, 0182, 0183, 0185, 0186, 0197, 0202, 0203, 0208, 0223, 0225, 0226, 0227, 0228, 0244, 0245, 0250, 0259, 0266, 0268, 0270, 0271, 0272, 0275, 0276, 0278, 0279, 0280, 0281, 0282, 0283, 0284, 0285, 0796, 0797, 0798	

USA	FR-S	Z#6	2013-2016	Smart Key	√	√	√	√	0041, 0045, 0053, 0822	
USA	FR-S	Z#6	2013-2016	Power Source Control	√	√	√	√	0020	SP0035
USA	FR-S	Z#6	2013-2016	Detection Of Occupant	√	√	√			
USA	iA	***	2016	Engine	√	√	√	√		
USA	iA	***	2016	Transmission	√	√	√	√		
USA	iA	***	2016	ABS/DSC/TCS	√	√	√	√		
USA	iA	***	2016	Electronic-Controlled Power Steering	√	√	√	√		
USA	iA	***	2016	Main body	√	√	√	√		
USA	iA	***	2016	Combination meter	√	√	√	√		
USA	iA	***	2016	Smart key	√	√	√	√		
USA	iA	***	2016	Power source control	√	√	√	√		
USA	iA	***	2016	Restraint Control Module	√	√	√	√		
USA	iA	***	2016	SCBS	√	√	√	√		
USA	iA	***	2016	Navigation Receiver	√	√	√	√		

USA	iM	ZRE	2016	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0043, SP0044, SP0060, SP0061, SP0068, SP0086, SP0087, SP0088, SP0089
USA	iM	ZRE	2016	Cruise Control	✓	✓	✓	✓		

USA	iM	ZRE	2016	ABS/VSC/TRAC	✓	✓	✓	✓	0003, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0391, 0392, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0411, 0412, 0413,	SP0001, SP0010, SP0011, SP0012, SP0013, SP0014, SP0090
USA	iM	ZRE	2016	Tire Pressure Monitor	✓	✓	✓			SP0001, SP0067
USA	iM	ZRE	2016	EMPS	✓	✓	✓	✓		SP0001, SP0002, SP0052

USA	iM	ZRE	2016	Air Conditioner	✓	✓	✓	✓	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0004, SP0005
USA	iM	ZRE	2016	Immobiliser	✓	✓	✓		0034	SP0033, SP0034
USA	iM	ZRE	2016	Theft Deterrent	✓	✓	✓		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
USA	iM	ZRE	2016	Supplement Restraint System (SRS) Airbag	✓	✓	✓	✓		SP0001

USA	iM	ZRE	2016	Main Body	√	√	√	√	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
USA	iM	ZRE	2016	Driver Door Motor	√	√	√		0036	SP0013

USA	iM	ZRE	2016	Combinati on Meter	✓	✓	✓	✓	0121, 0122, 0 123, 0124, 01 25, 0126, 012 7, 0128, 0129 , 0130, 0131, 0132, 0133, 0 134, 0135, 01 36, 0137, 013 8, 0139, 0140 , 0141, 0142, 0143, 0144, 0 145, 0146, 01 47, 0148, 014 9, 0150, 0151 , 0152, 0153, 0154, 0155, 0 156, 0157, 01 58, 0159, 016 0, 0161, 0162 , 0163, 0164, 0165, 0166, 0 167, 0168, 01 69, 0170, 017 1, 0172, 0173 , 0174, 0175, 0176, 0177, 0 178, 0179, 01 80, 0181, 018 2, 0183, 0184 , 0185, 0186,	
USA	iM	ZRE	2016	Detection Of Occupant	✓	✓	✓			SP0058, SP0 065, SP0066
USA	iM	ZRE	2016	Remote Engine Starter	✓	✓	✓	✓		

USA	iQ	NGJ	2011-2015	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0043, SP0044, SP0060, SP0061, SP0068, SP0086, SP0087, SP0088, SP0089
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USA	iQ	NGJ	2011-2015	ABS/VSC/TRAC	✓	✓	✓	✓	0003, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0391, 0392, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0411, 0412, 0413,	SP0001, SP0010, SP0011, SP0012, SP0013, SP0014, SP0064, SP0090
USA	iQ	NGJ	2011-2015	Tire Pressure Monitor	✓	✓	✓			SP0001, SP0067
USA	iQ	NGJ	2011-2015	EMPS	✓	✓	✓	✓		SP0001, SP0002, SP0052

USA	iQ	NGJ	2011-2015	Air Conditioner	✓	✓	✓	✓	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0004, SP0005
USA	iQ	NGJ	2011-2015	Immobiliser	✓	✓	✓		0034, 0618, 0619, 0620, 0621, 0622, 0623, 0624	SP0033, SP0034
USA	iQ	NGJ	2011-2015	Supplement Restraint System (SRS) Airbag	✓	✓	✓	✓		SP0001

USA	iQ	NGJ	2011-2015	Main Body	✓	✓	✓	✓	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
USA	iQ	NGJ	2011-2015	Driver Door Motor	✓	✓	✓		0036	SP0013
USA	iQ	NGJ	2011-2015	Passenger Door Motor	✓	✓	✓		0036	SP0013
USA	iQ	NGJ	2011-2015	Master Switch	✓	✓	✓			

USA	iQ	NGJ	2011-2015	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
USA	iQ	NGJ	2011-2015	Detection Of Occupant	✓	✓	✓			SP0058, SP0065, SP0066
USA	iQ	NGJ	2011-2015	Theft Deterrent	✓	✓	✓		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
USA	iQ	NGJ	2011-2015	Power Source Control	✓	✓	✓	✓	0018, 0019, 0020, 0021, 0022, 0023, 0024	SP0035
USA	iQ	NGJ	2011-2015	Starting Control	✓	✓	✓	✓	0015, 0016	
USA	iQ EV	KPJ	2013	EV	✓	✓	✓	✓	0470, 0615, 0730	SP0010, SP0029, SP0044, SP0050
USA	iQ EV	KPJ	2013	EV Battery	✓	✓	✓	✓	0729	SP0044, SP0046, SP0047, SP0049
USA	iQ EV	KPJ	2013	Plug-in Control	✓	✓	✓	✓	0731, 0732	SP0044, SP0051

USA	iQ EV	KPJ	2013	ABS/VSC/TRAC	✓	✓	✓	✓	0003, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0391, 0392, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0411, 0412, 0413,	SP0001, SP0011, SP0012, SP0013, SP0014, SP0045
USA	iQ EV	KPJ	2013	Tire Pressure Monitor	✓	✓	✓			SP0001, SP0067
USA	iQ EV	KPJ	2013	EMPS	✓	✓	✓	✓		SP0001, SP0002, SP0044

USA	iQ EV	KPJ	2013	Air Conditioner	✓	✓	✓	✓	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0003, SP0004
USA	iQ EV	KPJ	2013	Supplement Restraint System (SRS) Airbag	✓	✓	✓	✓		SP0001

USA	iQ EV	KPJ	2013	Main Body	✓	✓	✓	✓	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
USA	iQ EV	KPJ	2013	PM1 Gateway	✓	✓	✓	✓		SP0007
USA	iQ EV	KPJ	2013	Driver Door Motor	✓	✓	✓		0036	SP0013
USA	iQ EV	KPJ	2013	Passenger Door Motor	✓	✓	✓		0036	SP0013
USA	iQ EV	KPJ	2013	Master Switch	✓	✓	✓			

USA	iQ EV	KPJ	2013	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	SP0083
USA	iQ EV	KPJ	2013	Smart Key	✓	✓	✓	✓	0027, 0028, 0030, 0033, 0034, 0035, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060	SP0036, SP0037, SP0038, SP0039, SP0040, SP0063, SP0082
USA	iQ EV	KPJ	2013	Power Source Control	✓	✓	✓	✓	0018, 0019, 0020, 0021, 0022, 0023, 0024	SP0035
USA	iQ EV	KPJ	2013	Detection Of Occupant	✓	✓	✓			SP0058, SP0065, SP0066, SP0084

USA	iQ EV	KPJ	2013	Navigation System	✓	✓	✓	✓		SP0073, SP0074, SP0075, SP0076, SP0077, SP0078, SP0079, SP0080, SP0081
USA	iQ EV	KPJ	2013	Telematics	✓	✓	✓	✓		SP0072
USA	iQ EV	KPJ	2013	Remote Engine Starter	✓	✓	✓	✓		
USA	tC	AGT	2011-2016	Engine	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0028, SP0029, SP0043, SP0044, SP0060, SP0061, SP0068, SP0086, SP0087, SP0088, SP0089, SP0091

USA	tC	AGT	2011-2016	ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0504, 0514, 0516, 0517, 0518, 0519, 0520, 0521, 0522, 0523, 0524,	SP0013, SP0028, SP0044, SP0061, SP0089
USA	tC	AGT	2011-2016	Cruise Control	✓	✓	✓	✓		

USA	tC	AGT	2011-2016	ABS/VSC/TRAC	✓	✓	✓	✓	0003, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0391, 0392, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0411, 0412, 0413,	SP0001, SP0010, SP0011, SP0012, SP0013, SP0014, SP0064, SP0090
USA	tC	AGT	2011-2016	Tire Pressure Monitor	✓	✓	✓			SP0001, SP0067
USA	tC	AGT	2011-2016	EMPS	✓	✓	✓	✓		SP0001, SP0002, SP0052

USA	tC	AGT	2011-2016	Air Conditioner	√	√	√	√	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0004, SP0005
USA	tC	AGT	2011-2016	Supplement Restraint System (SRS) Airbag	√	√	√	√		SP0001

USA	tC	AGT	2011-2016	Main Body	✓	✓	✓	✓	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
USA	tC	AGT	2011-2016	Sliding Roof	✓	✓	✓		0752	

USA	tC	AGT	2011-2016	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
USA	tC	AGT	2011-2016	Smart Key	✓	✓	✓	✓	0027, 0028, 0030, 0033, 0034, 0035, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060	SP0038, SP0039, SP0040, SP0063
USA	tC	AGT	2011-2016	Power Source Control	✓	✓	✓	✓	0018, 0019, 0020, 0021, 0022, 0023, 0024	SP0035
USA	tC	AGT	2011-2016	Detection Of Occupant	✓	✓	✓			SP0058, SP0065, SP0066
USA	tC	AGT	2011-2016	Remote Engine Starter	✓	✓	✓	✓		SP0062

USA	tC	AGT	2011-2016	Starting Control	√	√	√	√	0015, 0016	
USA	tC	AGT	2011-2016	Immobiliser	√	√	√		0034, 0618, 0619, 0620, 0621, 0622, 0623, 0624	SP0033, SP0034
USA	tC	AGT	2011-2016	Theft Deterrent	√	√	√		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
USA	tC	AGT	2011-2016	Driver Door Motor	√	√	√		0036	SP0013
USA	tC	AGT	2011-2016	Smart key	√	√	√	√	0027, 0028, 0030, 0033, 0034, 0035, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060	SP0039, SP0085

USA	tC	AGT	2011-2016	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0043, SP0044, SP0060, SP0061, SP0068, SP0086, SP0087, SP0088, SP0089
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USA	tC	ANT	2005-2010	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0044, SP0061, SP0068
USA	tC	ANT	2005-2010	Cruise Control	✓	✓	✓	✓		

USA	tC	ANT	2005-2010	ABS/VSC/TRAC	✓	✓	✓	✓	0341, 0342, 0343, 0344, 0346, 0355, 0363, 0364, 0369, 0370, 0371, 0372, 0391, 0404, 0405, 0414, 0415, 0416, 0417, 0418, 0419, 0420, 0421, 0422, 0423, 0424, 0427, 0428, 0429, 0625, 0626, 0627, 0628, 0629, 0631, 0644, 0646, 0647, 0649, 0650, 0652, 0653, 0654, 0665, 0666, 0669, 0670, 0671, 0672, 0673, 0755, 0764, 0765, 0766, 0767, 0768, 0769, 0770, 0771, 0772, 0773, 0774, 0775, 0776, 0777, 0778,	SP0001, SP0011, SP0013, SP0014
USA	tC	ANT	2005-2010	Tire Pressure Monitor	✓	✓	✓			SP0001, SP0067
USA	tC	ANT	2005-2010	Immobiliser	✓	✓	✓		0034, 0618, 0619, 0620, 0621, 0622, 0623, 0624	SP0033, SP0034
USA	tC	ANT	2005-2010	Supplement Restraint System (SRS) Airbag	✓	✓	✓			SP0001
USA	tC	ANT	2005-2010	Detection Of Occupant	✓	✓	✓			SP0058, SP0065, SP0066
USA	tC	ANT	2005-2010	Remote Engine Starter	✓	✓	✓	✓		SP0062

USA	xA	NCP	2004-2006	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0044, SP0061, SP0068
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USA	xA	NCP	2004-2006	ABS/VSC/TRAC	✓	✓	✓	✓	0341, 0342, 0343, 0344, 0346, 0355, 0363, 0364, 0369, 0370, 0371, 0372, 0391, 0404, 0405, 0414, 0415, 0416, 0417, 0418, 0419, 0420, 0421, 0422, 0423, 0424, 0427, 0428, 0429, 0625, 0626, 0627, 0628, 0629, 0631, 0644, 0646, 0647, 0649, 0650, 0652, 0653, 0654, 0665, 0666, 0669, 0670, 0671, 0672, 0673, 0755, 0764, 0765, 0766, 0767, 0768, 0769, 0770, 0771, 0772, 0773, 0774, 0775, 0776, 0777, 0778,	SP0001, SP0011, SP0013, SP0014
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USA	xA	NCP	2004-2006	Air Conditioner	√	√	√	√	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0004, SP0005
USA	xA	NCP	2004-2006	Supplement Restraint System (SRS) Airbag	√	√	√			SP0001, SP0044
USA	xA	NCP	2004-2006	Detection Of Occupant	√	√	√			SP0058, SP0065, SP0066

USA	xB	AZE	2008-2015	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0043, SP0044, SP0060, SP0061, SP0068, SP0086, SP0087, SP0088, SP0089
USA	xB	AZE	2008-2015	Cruise Control	✓	✓	✓	✓		

USA	xB	AZE	2008-2015	ABS/VSC/TRAC	✓	✓	✓	✓	0003, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0391, 0392, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0411, 0412, 0413,	SP0001, SP0010, SP0011, SP0012, SP0013, SP0014, SP0064, SP0090
USA	xB	AZE	2008-2015	Tire Pressure Monitor	✓	✓	✓			SP0001, SP0067
USA	xB	AZE	2008-2015	EMPS	✓	✓	✓	✓		SP0001, SP0002, SP0052

USA	xB	AZE	2008-2015	Air Conditioner	✓	✓	✓	✓	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0004, SP0005
USA	xB	AZE	2008-2015	Theft Deterrent	✓	✓	✓		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
USA	xB	AZE	2008-2015	Supplement Restraint System (SRS) Airbag	✓	✓	✓	✓		SP0001

USA	xB	AZE	2008-2015	Main Body	√	√	√	√	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
USA	xB	AZE	2008-2015	Accessory Gateway	√	√	√	√		SP0007

USA	xB	AZE	2008-2015	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
USA	xB	AZE	2008-2015	Detection Of Occupant	✓	✓	✓			SP0058, SP0065, SP0066
USA	xB	AZE	2008-2015	Immobiliser	✓	✓	✓		0034, 0618, 0619, 0620, 0621, 0622, 0623, 0624	SP0033, SP0034
USA	xB	AZE	2008-2015	Sliding Roof	✓	✓	✓		0752	

USA	xB	NCP	2004-2006	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0044, SP0061, SP0068
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USA	xB	NCP	2004-2006	ABS/VSC/TRAC	✓	✓	✓	✓	0341, 0342, 0343, 0344, 0346, 0355, 0363, 0364, 0369, 0370, 0371, 0372, 0391, 0404, 0405, 0414, 0415, 0416, 0417, 0418, 0419, 0420, 0421, 0422, 0423, 0424, 0427, 0428, 0429, 0625, 0626, 0627, 0628, 0629, 0631, 0644, 0646, 0647, 0649, 0650, 0652, 0653, 0654, 0665, 0666, 0669, 0670, 0671, 0672, 0673, 0755, 0764, 0765, 0766, 0767, 0768, 0769, 0770, 0771, 0772, 0773, 0774, 0775, 0776, 0777, 0778,	SP0001, SP0011, SP0013, SP0014
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USA	xB	NCP	2004-2006	Air Conditioner	√	√	√	√	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0004, SP0005
USA	xB	NCP	2004-2006	Supplement Restraint System (SRS) Airbag	√	√	√			SP0001, SP0044
USA	xB	NCP	2004-2006	Detection Of Occupant	√	√	√			SP0058, SP0065, SP0066

USA	xD	ZSP	2009-2014	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0043, SP0044, SP0060, SP0061, SP0068
USA	xD	ZSP	2009-2014	Cruise Control	✓	✓	✓	✓		

USA	xD	ZSP	2009–2014	ABS/VSC/TRAC	✓	✓	✓	✓	0003, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0391, 0392, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0411, 0412, 0413,	SP0001, SP0010, SP0011, SP0012, SP0013, SP0014, SP0064
USA	xD	ZSP	2009–2014	Tire Pressure Monitor	✓	✓	✓			SP0001, SP0067
USA	xD	ZSP	2009–2014	EMPS	✓	✓	✓	✓		SP0001, SP0002, SP0052

USA	xD	ZSP	2009-2014	Air Conditioner	✓	✓	✓	✓	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0004, SP0005
USA	xD	ZSP	2009-2014	Theft Deterrent	✓	✓	✓		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
USA	xD	ZSP	2009-2014	Supplement Restraint System (SRS) Airbag	✓	✓	✓	✓		SP0001

USA	xD	ZSP	2009-2014	Main Body	√	√	√	√	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
USA	xD	ZSP	2009-2014	Accessory Gateway	√	√	√	√		SP0007

USA	xD	ZSP	2009-2014	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
USA	xD	ZSP	2009-2014	Detection Of Occupant	✓	✓	✓			SP0058, SP0065, SP0066
USA	xD	ZSP	2009-2014	Immobiliser	✓	✓	✓		0034, 0618, 0619, 0620, 0621, 0622, 0623, 0624	SP0033, SP0034

USA	xD	ZST	2008	Engine and ECT	✓	✓	✓	✓	0015, 0016, 0017, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504,	SP0013, SP0028, SP0029, SP0044, SP0061, SP0068
USA	xD	ZST	2008	Cruise Control	✓	✓	✓	✓		

USA	xD	ZST	2008	ABS/VSC/TRAC	√	√	√	√	0003, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0391, 0392, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0411, 0412, 0413,	SP0001, SP0010, SP0011, SP0012, SP0013, SP0014, SP0064
USA	xD	ZST	2008	4-Wheel Drive (4WD)	√	√	√	√	0423, 0424, 0753, 0754	SP0013, SP0071
USA	xD	ZST	2008	Tire Pressure Monitor	√	√	√			SP0001, SP0067
USA	xD	ZST	2008	EMPS	√	√	√	√		SP0001, SP0002, SP0052

USA	xD	ZST	2008	Air Conditioner	✓	✓	✓	✓	0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120	SP0004, SP0005
USA	xD	ZST	2008	Theft Deterrent	✓	✓	✓		0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035	
USA	xD	ZST	2008	Supplement Restraint System (SRS) Airbag	✓	✓	✓			SP0001

USA	xD	ZST	2008	Main Body	√	√	√	√	0019, 0020, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339	SP0006, SP0007, SP0008, SP0009
USA	xD	ZST	2008	Accessory Gateway	√	√	√	√		SP0007
USA	xD	ZST	2008	Driver Door Motor	√	√	√		0036	

USA	xD	ZST	2008	Combination Meter	✓	✓	✓	✓	0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186,	
USA	xD	ZST	2008	Detection Of Occupant	✓	✓	✓			SP0058, SP0065, SP0066

Actuation Test List

No.	Actuation Test Name	System Name
0001	Drive Magnet Switch Of Starter Motor	Stop and Start
0002	Pinion Gear Plunger	Stop and Start
0003	Buzzer	ABS/VSC/TRC, Stop and Start, ABS/VSC/TRAC
0004	Starter	Stop and Start
0005	Permission Condition (Battery)	Stop and Start
0006	Permission Condition (Engine)	Stop and Start
0007	Automatic Transmission (AT) Oil Pump - High	Stop and Start
0008	Automatic Transmission (AT) Oil Pump - Low	Stop and Start
0009	Permit Cond (A/C)	Stop and Start
0010	Permission Condition (Anti-Lock Brake System)	Stop and Start
0011	Precondition (Control)	Stop and Start
0012	Permission Condition (Ambient Temperature)	Stop and Start
0013	Precondition 2 (Control)	Stop and Start
0014	Start Condition - Hood Crtsy	Stop and Start
0015	Activate the ACC Cut Relay	Engine and ECT, Starting Control, Engine, ECT
0016	Activate the Starter Relay	Engine and ECT, Starting Control, Engine, ECT
0017	Control the Voltage of Alternator	Engine and ECT, Charging Control, Engine, ECT
0018	IGP Signal	Power Source Control
0019	Condition Of Indicator	Main Body, Power Source Control
0020	P Supply for Steering Lock	Main Body, Power Source Control
0021	ACC	Power Source Control
0022	Start Switch	Power Source Control
0023	Ignition2	Power Source Control
0024	Ignition1	Power Source Control
0025	Accessory Output Pager	Theft Deterrent
0026	Accessory Output Buzzer	Theft Deterrent
0027	Tail Light	Entry&Start, Theft Deterrent, Smart Key, Smart key
0028	Intrusion Sensor Power	Main Body, Entry&Start, Theft Deterrent, Smart Key, Smart key
0029	Intrusion Sensor 2 Power	Main Body, Theft Deterrent
0030	Security Horn 2	Main Body, Entry&Start, Theft Deterrent, Smart Key, Smart key
0031	Vehicle Horn	Main Body, Theft Deterrent
0032	Relay Of Headlight	Main Body, Theft Deterrent
0033	Security Horn	Main Body, Entry&Start, Theft Deterrent, Smart Key, Smart key
0034	Security Indicator	Main Body, Entry&Start, Immobiliser, Theft Deterrent, Smart Key, Smart key

0035	Tilt Sensor Power	Main Body, Entry&Start, Theft Deterrent, Smart Key, Smart key
0036	Power Window	Driver Door Motor, Passenger Door Motor
0037	Power Switch Light	Entry&Start, Smart Key, Smart key
0038	Multi Channel Switch	Entry&Start, Smart Key, Smart key
0039	Back Door Select	Entry&Start, Smart Key, Smart key
0040	Operation Of Wireless Buzzer	Entry&Start, Smart Key, Smart key
0041	Power for P-Seat Sens	Entry&Start, Smart Key, Smart key
0042	Power for DR-Seat Sens	Entry&Start, Smart Key, Smart key
0043	Driver Rear Seat Select	Entry&Start, Smart Key, Smart key
0044	Passenger Rear Seat Select	Entry&Start, Smart Key, Smart key
0045	Light Of Power/Engine Switch	Entry&Start, Smart Key, Smart key
0046	Indicator Of Immobiliser	Entry&Start, Smart Key, Smart key
0047	Power for PR-Seat Sens	Entry&Start, Smart Key, Smart key
0048	Power for BDoor Sens	Entry&Start, Smart Key, Smart key
0049	Rear Driver Seat Outside Transmitter	Entry&Start, Smart Key, Smart key
0050	Rear Passenger-Seat Outside Transmitter	Entry&Start, Smart Key, Smart key
0051	Select Passenger Seat	Entry&Start, Smart Key, Smart key
0052	Power Supply Of Inside Luggage Tuner Is On.	Entry&Start, Smart Key, Smart key
0053	Overhead Tuner Power Supply ON	Entry&Start, Smart Key, Smart key
0054	Inside Transmitter - Rr-Seat	Entry&Start, Smart Key, Smart key
0055	Inside Trunk/Backdoor Transmitter	Entry&Start, Smart Key, Smart key
0056	Transmitter Of Outside Trunk/Backdoor	Entry&Start, Smart Key, Smart key
0057	Driver Seat Select	Entry&Start, Smart Key, Smart key
0058	Passenger Seat Outside Transmitter	Entry&Start, Smart Key, Smart key
0059	Inside Transmitter Of Fr-Seat	Entry&Start, Smart Key, Smart key
0060	Driver Seat Outside Transmitter	Entry&Start, Smart Key, Smart key
0061	Front Deicer Relay	Air Conditioner
0062	Relay Of Mirror Heater	Air Conditioner
0063	Rear Defogger Relay	Air Conditioner
0064	Air Purifier Mode	Air Conditioner
0065	Assist Fan	Air Conditioner
0066	Electrical Fan	Air Conditioner
0067	Water Pump	Air Conditioner
0068	Active Level Of Heater	Air Conditioner
0069	HWD Relay	Air Conditioner
0070	Electric Water Heater	Air Conditioner
0071	Magnetic Valve Of Battery	Air Conditioner
0072	Evaporator Magnetic Valve	Air Conditioner
0073	Operation Of Magnetic Valve	Air Conditioner

0074	Passenger Air Outlet Servo Pulse	Air Conditioner
0075	Ion Generator	Air Conditioner
0076	Air Purifier (Ion)	Air Conditioner
0077	Air Purifier (Clean)	Air Conditioner
0078	Compressor Target Speed	Air Conditioner
0079	Passenger Rear Air Outlet (A/O) Servo Pulse	Air Conditioner
0080	Passenger Cool Air Bypass Pulse	Air Conditioner
0081	Emission Pulse (Rear)	Air Conditioner
0082	Diffuse Pulse (R)	Air Conditioner
0083	Drive Rear Air Outlet (A/O) Servo Pulse	Air Conditioner
0084	Passenger Front And Rear Air Outlet (A/O) Servo Pulse	Air Conditioner
0085	Driver Front And Rear Air Outlet (A/O) Servo Pulse	Air Conditioner
0086	Rear Air Mix Servo Target Pulse	Air Conditioner
0087	Target Pulse Of Battery Cool Down Servo	Air Conditioner
0088	DEF Air Outlet (A/O) Servo Pulse (Driver)	Air Conditioner
0089	Passenger Rear Air Mix Servo Pulse	Air Conditioner
0090	Rear Blower Motor	Air Conditioner
0091	Passenger Air Mix Servo Target Pulse	Air Conditioner
0092	Heat Exchange Shut Valve	Air Conditioner
0093	Driver Air Mix Servo Target Pulse	Air Conditioner
0094	Heating Three-way Valve	Air Conditioner
0095	High Pressure Magnetic Valve	Air Conditioner
0096	Low Pressure Magnetic Valve	Air Conditioner
0097	Dehumidification Magnetic Valve	Air Conditioner
0098	Viscous Heater	Air Conditioner
0099	Electric Heater 2	Air Conditioner
0100	Electric Heater 3	Air Conditioner
0101	Rear Air Conditioner (A/C) Magnet Valve	Air Conditioner
0102	Oxygen Drive	Air Conditioner
0103	Relay Of Magnetic Clutch	Air Conditioner
0104	Electric Heater 1	Air Conditioner
0105	A/M Servo Pulse (F&R P)	Air Conditioner
0106	Driver Front And Rear Air Mix (A/M) Servo Pulse	Air Conditioner
0107	M/H Bypass Cool Servo Pulse	Air Conditioner

0108	Passenger Foot Air Outlet (A/O) Servo Pulse	Air Conditioner
0109	M/H Bypass Hot Servo Pulse	Air Conditioner
0110	Passenger Face Air Outlet (A/O) Servo Pulse	Air Conditioner
0111	Driver Face Air Outlet (A/O) Servo Pulse	Air Conditioner
0112	Driver Foot Air Outlet (A/O) Servo Pulse	Air Conditioner
0113	Passenger Cool A/M Servo Pulse	Air Conditioner
0114	Passenger Hot Air/Mix (A/M) Servo Pulse	Air Conditioner
0115	Target Pulse Of Air Inlet Damper	Air Conditioner
0116	Cool Air Bypass Pulse	Air Conditioner
0117	Driver Hot Air Mix (A/M) Servo Pulse	Air Conditioner
0118	Driver Cool A/M Servo Pulse	Air Conditioner
0119	Driver Air Outlet Servo Pulse	Air Conditioner
0120	Blower Motor	Air Conditioner
0121	Automatic Transmission (A/T) Indicator Operation 2	Combination Meter
0122	Operation Of Fuel Consumption Meter	Combination Meter
0123	Operation Of Power Meter	Combination Meter
0124	Automatic Transmission (A/T) Indicator Operation 1	Combination Meter
0125	Electrical Park Brake (EPB) Auto Off Indicator	Combination Meter
0126	Fuel Indicator (Compressed Natural Gas)	Combination Meter
0127	Operation Of Fuel Meter (CNG)	Combination Meter
0128	Go to Dealer Indicator	Combination Meter
0129	Over Drive (O/D) Off Indicator	Combination Meter
0130	Brake Override Indicator	Combination Meter
0131	Indicator Of Compressed Natural Gas (CNG) Mode	Combination Meter
0132	Indicator Of Tow Haul	Combination Meter
0133	Vehicle Stop Indicator	Combination Meter
0134	Main Battery (HV) Indicator	Combination Meter
0135	Intelligent Clearance Sonar (ICS) Off Indicator	Combination Meter
0136	Ready (EV) Indicator	Combination Meter
0137	Indicator Of EV System	Combination Meter
0138	Charge Warning Indicator	Combination Meter
0139	SOC Gauge	Combination Meter

0140	ASL Warning Indicator	Combination Meter
0141	SOC Warning Indicator	Combination Meter
0142	Charging Indicator	Combination Meter
0143	Limited Power Indicator	Combination Meter
0144	Right Lane Departure Alert (LDA) Control Indicator	Combination Meter
0145	Right Lane Departure Alert (LDA) Warning Indicator	Combination Meter
0146	Blind Spot Monitor (BSM) Control Indicator	Combination Meter
0147	Left Lane Departure Alert (LDA) Control Indicator	Combination Meter
0148	Left Lane Departure Alert (LDA) Warning Indicator	Combination Meter
0149	Check Engine Indicator	Combination Meter
0150	Lane Departure Alert (LDA) Control Indicator	Combination Meter
0151	Lane Departure Alert (LDA) Warning Indicator	Combination Meter
0152	Maintenance Indicator	Combination Meter
0153	Warning Of Hybrid System	Combination Meter
0154	Radar Cruise Indicator	Combination Meter
0155	Off Indicator Of Vehicle Approach Warning	Combination Meter
0156	Rear Inner Wheel Control Indicator	Combination Meter
0157	Rear Inner Wheel Control Warning	Combination Meter
0158	Crawl Warning Indicator	Combination Meter
0159	ACTIVE TRC Warning Indicator	Combination Meter
0160	Indicator Of Seatbelt Information	Combination Meter
0161	Stop and Start ON Indicator	Combination Meter
0162	Stop and Start OFF Indicator	Combination Meter
0163	Indicator Of Blind Spot Monitor	Combination Meter
0164	Indicator Of Smart System	Combination Meter
0165	Warning Of Smart System	Combination Meter
0166	Indicator Of Automatic High Beam	Combination Meter
0167	Intuitive Parking Assist (P/A) LCD Indicator	Combination Meter
0168	Indicate ECO	Combination Meter
0169	Lithium Charge Indicator	Combination Meter
0170	Tail Cancel Indicator	Combination Meter
0171	Indicate KEY	Combination Meter
0172	Timing Belt Indicator	Combination Meter
0173	Indicate EV Mode	Combination Meter
0174	Ready (HV) Indicator	Combination Meter
0175	Master Warning	Combination Meter
0176	Over Speed Indicator	Combination Meter

0177	Electric Power Steering (EPS) Indicator	Combination Meter
0178	Drift From The Lane	Combination Meter
0179	Ready Indicator Of Radar Cruise	Combination Meter
0180	Clearance Sonar LCD Indicator	Combination Meter
0181	Height High Indicator	Combination Meter
0182	Automatic Transmission (A/T) Oil Temperature Operation	Combination Meter
0183	Indicat. Lamp ABS	Combination Meter
0184	Preocrash Indicator	Combination Meter
0185	Tire Pressure Warning System Indicator	Combination Meter
0186	Front Fog Indicator Lamp	Combination Meter
0187	Indicator Of Fuel Filter	Combination Meter
0188	KDSS Indicator	Combination Meter
0189	Indicator Of OFF Road Guidance	Combination Meter
0190	Air Suspension (HI) Indicator	Combination Meter
0191	Normal Indicator Of Air Suspension	Combination Meter
0192	Air Suspension (LO) Indicator	Combination Meter
0193	Air Conditioner Auto Indicator	Combination Meter
0194	Rear Seat Belt	Combination Meter
0195	Indicator Of Luggage Mode	Combination Meter
0196	Tail OFF Indicator	Combination Meter
0197	Set Indicator	Combination Meter
0198	ASL Indicator	Combination Meter
0199	Sport (CVT Sport) Indicator	Combination Meter
0200	Indicate Economy Mode	Combination Meter
0201	Indicat. A/T P	Combination Meter
0202	SIL Indicator (Up)	Combination Meter
0203	SIL Indicator (Down)	Combination Meter
0204	Rear Differential Lock Indicator	Combination Meter
0205	4 Low Indicator	Combination Meter
0206	Ride Mode Indicator	Combination Meter
0207	Crawl Indicator	Combination Meter
0208	Vehicle Stability Control (VSC) Off Indicator	Combination Meter
0209	SIL Indicator	Combination Meter
0210	2nd Start Indicator	Combination Meter
0211	Control Differential Lock Indicator	Combination Meter
0212	Toyota Electronically Modulated Suspension (TEMS) Comfort Indicator	Combination Meter
0213	Park Indicator	Combination Meter

0214	NAVI Continuously Variable Transmission (CVT) Indicator	Combination Meter
0215	Four Wheel Drive (4WD) AUTO Indicator	Combination Meter
0216	Auto Limited Slip Differential (LSD) Indicator	Combination Meter
0217	Indicate Downhill Assist Control	Combination Meter
0218	Indicate Brake Hold	Combination Meter
0219	Indicate Hold	Combination Meter
0220	Multi-Mode Manual Transmission (MMT) M Mode Indicator	Combination Meter
0221	Multi-Mode Manual Transmission (MMT) E Mode Indicator	Combination Meter
0222	Four Wheel Drive (4WD) Lock Indicator	Combination Meter
0223	Door Is Open - Front Passenger Side	Combination Meter
0224	Right-Hand Rear Door Open Indicator	Combination Meter
0225	Seat Belt - Front Passenger Side	Combination Meter
0226	Doors All Open Indicator Lamp	Combination Meter
0227	Door Open - Driver Side	Combination Meter
0228	Meter Display 2	Combination Meter
0229	Indicator Of Head Up Display	Combination Meter
0230	Warning Of Diesel Particulate Filter	Combination Meter
0231	Indicator Of HV System	Combination Meter
0232	Indicator Of HV System Certification Mode	Combination Meter
0233	Warning Of LED Head Lamp	Combination Meter
0234	Left Turn Signal Indicator	Combination Meter
0235	Right Turn Signal Indicator	Combination Meter
0236	Park Range Indicator	Combination Meter
0237	Indicator Of Lithium Battery Hot	Combination Meter
0238	EV Mode Indicator	Combination Meter
0239	Hot Warning Indicator Of HV Unit	Combination Meter
0240	Indicator Of Lithium Battery Check	Combination Meter
0241	Cruise Indicator	Combination Meter
0242	Indicator Of Radar Cruise	Combination Meter
0243	Shift-by-wire Warning	Combination Meter

0244	Automatic Transmission (A/T) Indicator Operation 3	Combination Meter
0245	Meter Display 1	Combination Meter
0246	PPS Indicator	Combination Meter
0247	Auxiliary Battery Charge Warning	Combination Meter
0248	Left-Hand Rear Door Open Indicator	Combination Meter
0249	Water Level Indicator Lamp	Combination Meter
0250	Indicate Economy	Combination Meter
0251	Four Wheel Drive (4WD) Indicator	Combination Meter
0252	Toyota Electronically Modulated Suspension (TEMS) Sports Indicator	Combination Meter
0253	Coolant Cool Indicator Lamp	Combination Meter
0254	Coolant Hot Indicator Lamp	Combination Meter
0255	GLOW Indicator	Combination Meter
0256	Oil Pressure Indicator	Combination Meter
0257	Electronic Controlled Braking (ECB) Indicator Lamp	Combination Meter
0258	Active Traction Control System (TRC) Indicator	Combination Meter
0259	VSC TRC Indicator	Combination Meter
0260	4-Wheel Drive (4WD) Warning Indicator	Combination Meter
0261	Indicate Headlamp Auto Leveling	Combination Meter
0262	Adaptive Front Lighting System (AFS) Indicator	Combination Meter
0263	Luggage Door Open Indicator Lamp	Combination Meter
0264	Back Door Open Indicator Lamp	Combination Meter
0265	Hood Door Open Indicator Lamp	Combination Meter
0266	Tail Indicator Lamp	Combination Meter
0267	Head Indicator Lamp	Combination Meter
0268	Rear Fog Indicator Lamp	Combination Meter
0269	Electrical Controlled Transmission (ECT) Power Indicator Lamp	Combination Meter
0270	Electrical Controlled Transmission (ECT) Snow Indicator Lamp	Combination Meter
0271	Cruise Indicator Lamp	Combination Meter
0272	Fuel Indicator Lamp	Combination Meter
0273	Rear Light Indicator Lamp	Combination Meter
0274	Oil Level Indicator Lamp	Combination Meter
0275	Seat Belt - Driver Side	Combination Meter
0276	Brake Indicator Lamp	Combination Meter

0277	Charge Indicator Lamp	Combination Meter
0278	Operation Of Tachometer	Combination Meter
0279	Operation Of Fuel Meter	Combination Meter
0280	Operation Of Water Temperature Meter	Combination Meter
0281	Operation Of Speed Meter	Combination Meter
0282	Vehicle Stability Control (VSC) Indicator Lamp	Combination Meter
0283	Slip Indicator Lamp	Combination Meter
0284	Beam Indicator Lamp	Combination Meter
0285	Airbag Indicator Lamp	Combination Meter
0286	Washer Indicator Lamp	Combination Meter
0287	Operation Of Volt Meter	Combination Meter
0288	Operation Of Oil Pressure Meter	Combination Meter
0289	Operation Of Left Turn Light Relay	Main Body
0290	Operation Of Right Turn Light Relay	Main Body
0291	Illuminated Entry System	Main Body
0292	Tail Light Relay	Main Body
0293	Relay Of Front Fog Light	Main Body
0294	Daytime Running Light (DRL)	Main Body
0295	Advanced Illumination System	Main Body
0296	Interior Illumination Light 1	Main Body
0297	Interior Illumination Light 2	Main Body
0298	Cleaner Of Head Light	Main Body
0299	Forced Retracting Of Power Running Board	Main Body
0300	Relay for Interior Light Auto Cut Function	Main Body
0301	Fuel Lid Lock	Main Body
0302	Opener Of Fuel Lid	Main Body
0303	Signal Of Reverse Gear	Main Body
0304	Day/Night Time Signal	Main Body
0305	Relay Of Rear Wiper Washer Motor	Main Body
0306	Power Supply Of Rear Wiper	Main Body
0307	Cargo Light	Main Body
0308	Side Mirror Foot Light	Main Body
0309	Step Light	Main Body
0310	Signal Of Parking Brake	Main Body
0311	Automatic High Beam Operation	Main Body
0312	Relay Of Rear Fog Light	Main Body
0313	Unlock Shock Detection	Main Body
0314	Mirror Return	Main Body
0315	Right-Hand Courtesy Light	Main Body
0316	Left-Hand Courtesy Light	Main Body
0317	Mirror Fold	Main Body

0318	Interior Panel Relay	Main Body
0319	Dimmer Signal	Main Body
0320	Wireless Buzzer	Main Body
0321	Head Light High	Main Body
0322	Rear personal light	Main Body
0323	IG OFF P/W Control Permission Output	Main Body
0324	Door Lock/Unlock State Lamp	Main Body
0325	Center Console Spot Light	Main Body
0326	Fr Foot Light	Main Body
0327	Ceiling Light	Main Body
0328	Glass Hatch Open	Main Body
0329	Right-Hand Mirror Right/Left	Main Body
0330	Left-Hand Mirror Up/Down	Main Body
0331	Left-Hand Mirror Right/Left	Main Body
0332	Right-Hand Mirror Up/Down	Main Body
0333	Trunk and Back-Door Open	Main Body
0334	Inside Handle Illumination	Main Body
0335	Heater Of Mirror	Main Body
0336	Hazard	Main Body
0337	Door Lock	Main Body
0338	Driver Door Unlock	Main Body
0339	Indicator for Lighting	Main Body
0340	Vehicle Stability Control (VSC)/Traction Control System (TRC) Off Indicator Light	ABS/VSC/TRC
0341	Brake Warning Light	ABS/VSC/TRC, ABS/VSC/TRAC
0342	Warning Light Of Anti-Slip Regulation System (ARS)	ABS/VSC/TRC, ABS/VSC/TRAC
0343	Antilock Brake System (ABS) Warning Light	ABS/VSC/TRC, ABS/VSC/TRAC
0344	Warning Light Of Vehicle Stability Control (VSC)	ABS/VSC/TRC, ABS/VSC/TRAC
0345	Electronic Braking System (EBS) Relay	ABS/VSC/TRC, ABS/VSC/TRAC
0346	Accumulator Zero Down	ABS/VSC/TRC, ABS/VSC/TRAC
0347	Warning Light Of Tire Pressure Monitoring System (TPMS)	ABS/VSC/TRC, ABS/VSC/TRAC
0348	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid	ABS/VSC/TRC, ABS/VSC/TRAC
0349	A-Traction Control System (TRC) Indicator Light	ABS/VSC/TRC, ABS/VSC/TRAC
0350	Vehicle Stability Control (VSC) Off Indicator Light	ABS/VSC/TRC, ABS/VSC/TRAC
0351	Traction Control System (TRC) Off Indicator Light	ABS/VSC/TRC, ABS/VSC/TRAC

0352	Electronic Controlled Braking (ECB) Solenoid (SCC)	ABS/VSC/TRC, ABS/VSC/TRAC
0353	Electronic Controlled Braking (ECB) Solenoid (SSC)	ABS/VSC/TRC, ABS/VSC/TRAC
0354	Electronic Controlled Braking (ECB) Main Relay	ABS/VSC/TRC, ABS/VSC/TRAC
0355	Cut Valve Pattern Of Stroke Simulator	ABS/VSC/TRC, ABS/VSC/TRAC
0356	ECB Solenoid (SRC)	ABS/VSC/TRC, ABS/VSC/TRAC
0357	Electronic Controlled Braking (ECB) Solenoid (SMC)	ABS/VSC/TRC, ABS/VSC/TRAC
0358	Electronic Controlled Braking (ECB) Solenoid (SC2)	ABS/VSC/TRC, ABS/VSC/TRAC
0359	Electronic Controlled Braking (ECB) Solenoid (SC1)	ABS/VSC/TRC, ABS/VSC/TRAC
0360	Electronic Controlled Braking (ECB) Solenoid (SMC/SRC/SCC)	ABS/VSC/TRC, ABS/VSC/TRAC
0361	Downhill Assist Control Light	ABS/VSC/TRC, ABS/VSC/TRAC
0362	Auto Limited Slip Differential (LSD) Indicator Light	ABS/VSC/TRC, ABS/VSC/TRAC
0363	Right Rear Wheel Air Bleeding Pattern	ABS/VSC/TRC, ABS/VSC/TRAC
0364	Left Rear Wheel Air Bleeding Pattern	ABS/VSC/TRC, ABS/VSC/TRAC
0365	Electronic Controlled Braking (ECB) Control Not Valid	ABS/VSC/TRC, ABS/VSC/TRAC
0366	Tire Pressure Light	ABS/VSC/TRC, ABS/VSC/TRAC
0367	Electronic Controlled Braking (ECB) Warning Light	ABS/VSC/TRC, ABS/VSC/TRAC
0368	DAB Indicator Light	ABS/VSC/TRC, ABS/VSC/TRAC
0369	Electronic Controlled Braking (ECB) Main Relay 2	ABS/VSC/TRC, ABS/VSC/TRAC
0370	Air Bleeding Pattern 1 Of Power Supply	ABS/VSC/TRC, ABS/VSC/TRAC
0371	Air Bleeding Pattern 2 Of Power Supply	ABS/VSC/TRC, ABS/VSC/TRAC
0372	Actuator Air Bleeding Pattern	ABS/VSC/TRC, ABS/VSC/TRAC
0373	Electronic Controlled Braking (ECB) Solenoid (SLRRL) Valve Open	ABS/VSC/TRC, ABS/VSC/TRAC
0374	Electronic Controlled Braking (ECB) Solenoid (SLRRR) Valve Open	ABS/VSC/TRC, ABS/VSC/TRAC

0375	Electronic Controlled Braking (ECB) Solenoid (SLARL) Valve Open	ABS/VSC/TRC, ABS/VSC/TRAC
0376	Electronic Controlled Braking (ECB) Solenoid (SLRFR) Valve Open	ABS/VSC/TRC, ABS/VSC/TRAC
0377	Electronic Controlled Braking (ECB) Solenoid (SLAFL) Valve Open	ABS/VSC/TRC, ABS/VSC/TRAC
0378	Electronic Controlled Braking (ECB) Solenoid (SLRFL) Valve Open	ABS/VSC/TRC, ABS/VSC/TRAC
0379	Electronic Controlled Braking (ECB) Solenoid (SLARR) Valve Open	ABS/VSC/TRC, ABS/VSC/TRAC
0380	Electronic Controlled Braking (ECB) Solenoid (SLR) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0381	Electronic Controlled Braking (ECB) Solenoid (SLA) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0382	Electronic Controlled Braking (ECB) Solenoid (SLAFR) Valve Open	ABS/VSC/TRC, ABS/VSC/TRAC
0383	Electronic Controlled Braking (ECB) Solenoid (SLRRR) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0384	Electronic Controlled Braking (ECB) Solenoid (SLARL) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0385	Electronic Controlled Braking (ECB) Solenoid (SLRRL) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0386	Electronic Controlled Braking (ECB) Solenoid (SLRFR) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0387	Electronic Controlled Braking (ECB) Solenoid (SLAFL) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0388	Electronic Controlled Braking (ECB) Solenoid (SLRFL) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0389	Electronic Controlled Braking (ECB) Solenoid (SLARR) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC
0390	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid - SPFL	ABS/VSC/TRC
0391	PPS Solenoid	ABS/VSC/TRC, ABS/VSC/TRAC
0392	Electronic Controlled Braking (ECB) Solenoid (SLAFR) Valve Close	ABS/VSC/TRC, ABS/VSC/TRAC

0393	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid - SMR	ABS/VSC/TRC
0394	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid - SPFR	ABS/VSC/TRC
0395	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid - SMF	ABS/VSC/TRC
0396	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid - SRMF	ABS/VSC/TRC, ABS/VSC/TRAC
0397	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid - SRMR	ABS/VSC/TRC, ABS/VSC/TRAC
0398	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid - SRCR	ABS/VSC/TRC, ABS/VSC/TRAC
0399	Signal Buzzer Of Driving Support System (DSS)	ABS/VSC/TRC, ABS/VSC/TRAC
0400	Relay Of Electronic Controlled Braking (ECB) Motor	ABS/VSC/TRC, ABS/VSC/TRAC
0401	Relay 2 Of Electronic Controlled Braking (ECB) Motor	ABS/VSC/TRC, ABS/VSC/TRAC
0402	Antilock Brake System (ABS) Solenoid	ABS/VSC/TRC, ABS/VSC/TRAC
0403	Stop light System Indicator Light	ABS/VSC/TRC, ABS/VSC/TRAC
0404	Air Bleeding Pattern Of Drain System	ABS/VSC/TRC, ABS/VSC/TRAC
0405	Check Pattern Of Pump	ABS/VSC/TRC, ABS/VSC/TRAC
0406	Pre Crash Brake Off Light	ABS/VSC/TRC, ABS/VSC/TRAC
0407	BH Standby Light	ABS/VSC/TRC, ABS/VSC/TRAC
0408	BH Operated Light	ABS/VSC/TRC, ABS/VSC/TRAC
0409	Crawl Control Light	ABS/VSC/TRC, ABS/VSC/TRAC
0410	Vehicle Stability Control (VSC)/Traction Control System (TRC) Solenoid - SRCF	ABS/VSC/TRC, ABS/VSC/TRAC
0411	Electronic Controlled Braking (ECB) Solenoid (SCSS)	ABS/VSC/TRC, ABS/VSC/TRAC
0412	Electronic Controlled Braking (ECB) Solenoid (SMC1)	ABS/VSC/TRC, ABS/VSC/TRAC

0413	Electronic Controlled Braking (ECB) Solenoid (SMC2)	ABS/VSC/TRC, ABS/VSC/TRAC
0414	Antilock Brake System (ABS) Solenoid (SRRR)	ABS/VSC/TRC, ABS/VSC/TRAC
0415	Antilock Brake System (ABS) Solenoid (SRRH)	ABS/VSC/TRC, ABS/VSC/TRAC
0416	Antilock Brake System (ABS) Solenoid (SRLR)	ABS/VSC/TRC, ABS/VSC/TRAC
0417	Antilock Brake System (ABS) Solenoid (SFLR)	ABS/VSC/TRC, ABS/VSC/TRAC
0418	Antilock Brake System (ABS) Solenoid (SFRR)	ABS/VSC/TRC, ABS/VSC/TRAC
0419	Antilock Brake System (ABS) Solenoid (SFRH)	ABS/VSC/TRC, ABS/VSC/TRAC
0420	Antilock Brake System (ABS) Solenoid (SFLH)	ABS/VSC/TRC, ABS/VSC/TRAC
0421	Antilock Brake System (ABS) Solenoid (SRLH)	ABS/VSC/TRC, ABS/VSC/TRAC
0422	Relay Of H/B Motor	ABS/VSC/TRC, ABS/VSC/TRAC
0423	Slip Indicator Light	ABS/VSC/TRC, ABS/VSC/TRAC, 4-Wheel Drive (4WD)
0424	4-Wheel Drive (4WD) Warning Light	ABS/VSC/TRC, ABS/VSC/TRAC, 4-Wheel Drive (4WD)
0425	Relay Of Motor	ABS/VSC/TRC, ABS/VSC/TRAC
0426	Relay Of Traction Control System (TRC/TRAC) Motor	ABS/VSC/TRC, ABS/VSC/TRAC
0427	Pre-Charge Pump	ABS/VSC/TRC, ABS/VSC/TRAC
0428	Relay Of Stop Light	ABS/VSC/TRC, ABS/VSC/TRAC
0429	Solenoid Relay	ABS/VSC/TRC, ABS/VSC/TRAC
0430	Auto Mode	ABS/VSC/TRC, ABS/VSC/TRAC
0431	Electrical Park Brake (EPB) Warning Light	ABS/VSC/TRC, ABS/VSC/TRAC
0432	Light Of Park Brake (PKB)	ABS/VSC/TRC, ABS/VSC/TRAC
0433	Park Brake (PKB) Lock Control	ABS/VSC/TRC, ABS/VSC/TRAC
0434	Release Control Of Park Brake (PKB)	ABS/VSC/TRC, ABS/VSC/TRAC
0435	PKB Full Release Control	ABS/VSC/TRC, ABS/VSC/TRAC
0436	Activate the Solenoid (SL1)	Engine and ECT, Engine, ECT
0437	Check HICM System	Engine and ECT, Engine, ECT
0438	Control the Injection Volume for A/F Sensor (CNG)	Engine and ECT, Engine, ECT
0439	Control the Injection Volume (CNG)	Engine and ECT, Engine, ECT
0440	Control the Regulator Shut Valve	Engine and ECT, Engine, ECT
0441	Control the Select Cylinder Fuel Cut (CNG)	Engine and ECT, Engine, ECT
0442	Inspection Of Brake Ejector Vacuum Switching Valve (VSV)	Engine and ECT, Engine, ECT
0443	Control the All Cylinders Fuel Cut (CNG)	Engine and ECT, Engine, ECT

0444	Control the ISC Step Position	Engine and ECT, Engine, ECT
0445	Injection Timing Select Cylinder	Engine and ECT
0446	Value Of Pilot Injection Volume	Engine and ECT
0447	Select Cylinder Pilot Injection Volume	Engine and ECT
0448	Injection Timing	Engine and ECT
0449	Value Of Injection Timing	Engine and ECT
0450	Pilot Injection Volume	Engine and ECT
0451	Activate the Solenoid(SC)	Engine and ECT, Engine, ECT
0452	Activate the Solenoid(SLP)	Engine and ECT, Engine, ECT
0453	Target Angle Of Diesel Throttle - #2	Engine and ECT, Engine
0454	Test the Turbo Charger Step Motor #2	Engine and ECT, Engine
0455	Activate the Fuel Route Switching Valve Relay	Engine and ECT, Engine, ECT
0456	Activate the Intank Fuel Pump Relay	Engine and ECT, Engine, ECT
0457	Activate the Fuel Return Pipe Valve	Engine and ECT, Engine, ECT
0458	Activate the VN Turbo Open	Engine and ECT, Engine, ECT
0459	Activate the Solenoid (SLN)	Engine and ECT, Engine, ECT
0460	Activate the Air Pump Heater	Engine and ECT, Engine, ECT
0461	Activate the Brake Ejector VSV	Engine and ECT, Engine, ECT
0462	Activate the Solenoid (DSU)	Engine and ECT, Engine, ECT
0463	Activate the Solenoid (SLC)	Engine and ECT, Engine, ECT
0464	Activate the VSV for Swirl Control Valve	Engine and ECT, Engine, ECT
0465	Test the Turbo Charger Step Motor	Engine and ECT, Engine, ECT
0466	Target Angle Of Diesel Throttle	Engine and ECT, Engine, ECT
0467	Control the Select Cylinder Fuel Cut	Engine and ECT, Engine, ECT
0468	Activate the Water Flow Valve 2	Engine and ECT, Engine, ECT
0469	Activate the Water Flow Valve 1	Engine and ECT, Engine, ECT
0470	Activate the Water Pump	Engine and ECT, EV, Engine, ECT
0471	Control the VVT-iE Linear (Bank2)	Engine and ECT, Engine, ECT
0472	Activate the Water Flow Valve 5	Engine and ECT, Engine, ECT
0473	Activate the Water Flow Valve 4	Engine and ECT, Engine, ECT

0474	Activate the Water Flow Valve 3	Engine and ECT, Engine, ECT
0475	Control the VVT-iE Linear (Bank1)	Engine and ECT, Engine, ECT
0476	Activate the VSV for Canister Control	Engine and ECT, Engine, ECT
0477	Activate the VSV for Exhaust Switching Valve	Engine and ECT, Engine, ECT
0478	Control the Fuel Pump / Speed	Engine and ECT, Engine, ECT
0479	Control the VVTL System (Bank2)	Engine and ECT, Engine, ECT
0480	Control the VVTL System (Bank1)	Engine and ECT, Engine, ECT
0481	Activate the VSV for Tank Bypass	Engine and ECT, Engine, ECT
0482	Activate the VSV for Evap (Purge)	Engine and ECT, Engine, ECT
0483	Activate the VSV for Evap Control	Engine and ECT, Engine, ECT
0484	Control the A/C Magnet Clutch	Engine and ECT, Engine, ECT
0485	Activate the VSV for Purge Cut	Engine and ECT, Engine, ECT
0486	Control the A/C Cut Signal	Engine and ECT, Engine, ECT
0487	Activate the VSV2 for Intake Control	Engine and ECT, Engine, ECT
0488	Control the VVT System (Bank2)	Engine and ECT, Engine, ECT
0489	Activate the VSV for Vapor Pressure	Engine and ECT, Engine, ECT
0490	Activate the VSV for Intake Control	Engine and ECT, Engine, ECT
0491	Control the EGR System	Engine and ECT, Engine, ECT
0492	Activate the VSV for Fuel Pressure Up Control	Engine and ECT, Engine, ECT
0493	Activate the VSV for Variable Intake Control	Engine and ECT, Engine, ECT
0494	Activate the VSV for Turbo Pressure	Engine and ECT, Engine, ECT
0495	Control the All Cylinders Fuel Cut	Engine and ECT, Engine, ECT
0496	Check the Cylinder Compression	Engine and ECT, Engine, ECT
0497	Manual item 8 and Check Type Support I	Engine and ECT, Engine
0498	Manual item 7 and Check Type Support J	Engine and ECT, Engine
0499	Manual item 10 and Check Type Support Y	Engine and ECT, Engine
0500	Manual item 9 and Check Type Support X	Engine and ECT, Engine
0501	Manual item 2 and Check Type Support G	Engine and ECT, Engine

0502	Manual item 1 and Check Type Support H	Engine and ECT, Engine
0503	Manual item 4 and Check Type Support E	Engine and ECT, Engine
0504	Activate the Fuel Vapor-Containment Valve	Engine and ECT, Engine, ECT
0505	Manual item 3 and Check Type Support F	Engine and ECT, Engine
0506	Manual item 6 and Check Type Support C	Engine and ECT, Engine
0507	Manual item 5 and Check Type Support D	Engine and ECT, Engine
0508	Activate the VSV for Vent Value and Vacuum Pump	Engine and ECT, Engine
0509	Control the Cylinder Fuel Cut	Engine and ECT, Engine, ECT
0510	D-4S (Injection Volume)	Engine and ECT, Engine, ECT
0511	Injection Volume	Engine and ECT, Engine, ECT
0512	Auto item 1	Engine and ECT
0513	D-4S (A/F Control)	Engine and ECT, Engine, ECT
0514	Control the Injection Way	Engine and ECT, Engine, ECT
0515	D-4S (Fuel Cut)	Engine and ECT, Engine, ECT
0516	Activate the VSV for Exhaust Brake	Engine and ECT, Engine, ECT
0517	Activate the VSV for EGR Cooler Bypass	Engine and ECT, Engine, ECT
0518	Control the Purge Dilution Valve Duty Bank1	Engine and ECT, Engine, ECT
0519	Control the Purge Dilution Valve Duty Bank2	Engine and ECT, Engine, ECT
0520	Control the Fuel Pump Duty	Engine and ECT, Engine, ECT
0521	Activate the VALVEMATIC after Warm Up	Engine and ECT, Engine, ECT
0522	Activate the VALVEMATIC before Warm Up	Engine and ECT, Engine, ECT
0523	Activate the Electric Water Pump	Engine and ECT, Engine, ECT
0524	Sub Fuel Tank Vacuum Switching Valve (VSV)	Engine and ECT, Engine, ECT
0525	Activate the VALVEMATIC (ENG OFF)	Engine and ECT, Engine, ECT
0526	Activate the VALVEMATIC (ENG ON)	Engine and ECT, Engine, ECT
0527	Activate the Fuel Pump2 Speed Control	Engine and ECT, Engine, ECT
0528	Activate the Return Solenoid Valve	Engine and ECT, Engine, ECT
0529	Activate the LPG Solenoid Valve	Engine and ECT, Engine, ECT
0530	Activate the Emergency Solenoid Valve	Engine and ECT, Engine, ECT
0531	Activate the Fuel Pressure Switching Valve	Engine and ECT, Engine, ECT

0532	Activate the VSV for A/C Idle Up Control	Engine and ECT, Engine, ECT
0533	Activate the VSV for Exhaust Bypass Control	Engine and ECT, Engine, ECT
0534	Activate the Solenoid (SLS)	Engine and ECT, Engine, ECT
0535	Activate the Solenoid (SLT)	Engine and ECT, Engine, ECT
0536	Activate the Solenoid (SB)	Engine and ECT, Engine, ECT
0537	Activate the Solenoid (SR)	Engine and ECT, Engine, ECT
0538	Activate the Solenoid (ST)	Engine and ECT, Engine, ECT
0539	Control the SLS Pressure	Engine and ECT, Engine, ECT
0540	Activate the Solenoid (S1)	Engine and ECT, Engine, ECT
0541	Activate the Solenoid (DSL)	Engine and ECT, Engine, ECT
0542	Activate the Solenoid (SLU)	Engine and ECT, Engine, ECT
0543	Activate the Solenoid (SL)	Engine and ECT, Engine, ECT
0544	Activate the Solenoid (DS1)	Engine and ECT, Engine, ECT
0545	Activate the Solenoid (S4)	Engine and ECT, Engine, ECT
0546	Activate the Solenoid (S3)	Engine and ECT, Engine, ECT
0547	Activate the Solenoid (S2)	Engine and ECT, Engine, ECT
0548	Activate the Solenoid (SL5)	Engine and ECT, Engine, ECT
0549	Activate the Solenoid (SL4)	Engine and ECT, Engine, ECT
0550	Activate the Solenoid (SL3)	Engine and ECT, Engine, ECT
0551	Activate the Solenoid (DS2)	Engine and ECT, Engine, ECT
0552	Activate the DPF Rejuvenate (S)	Engine and ECT, Engine, ECT
0553	Activate the DPF Rejuvenate (PM)	Engine and ECT, Engine, ECT
0554	Activate the Lock Up	Engine and ECT, Engine, ECT
0555	Control the Shift Position	Engine and ECT, Engine, ECT
0556	Check HCAC Vacuum Switching Valve (VSV)	Engine and ECT, Engine, ECT
0557	Activate HCAC Vacuum Switching Valve (VSV)	Engine and ECT, Engine, ECT
0558	Fuel Pressure Relief Valve Close	Engine and ECT, Engine, ECT
0559	Fuel Pressure Relief Valve Open	Engine and ECT, Engine, ECT
0560	Activate the Fuel Filler Opener	Engine and ECT, Engine, ECT
0561	Activate the VSV for EGR Cut	Engine and ECT, Engine, ECT
0562	Control the EGR Step Position	Engine and ECT, Engine, ECT
0563	Activate the EGR Valve Close	Engine and ECT, Engine, ECT

0564	Control the EGR Step Position #2	Engine and ECT, Engine, ECT
0565	Activate the VSV for Exhaust Shutter	Engine and ECT, Engine, ECT
0566	Control the Delivery Shut Valve	Engine and ECT, Engine, ECT
0567	Control the ACM Inhibit	Engine and ECT, Engine, ECT
0568	Control the Lock Up	Engine and ECT, Engine, ECT
0569	Activate the VSV for HCAC System	Engine and ECT, Engine, ECT
0570	Control the Stratified Charge Combustion	Engine and ECT, Engine, ECT
0571	Control the Stoichiometric Ratio Combustion	Engine and ECT, Engine, ECT
0572	Control the Line Pressure Up	Engine and ECT, Engine, ECT
0573	Control the C/D	Engine and ECT, Engine, ECT
0574	Control the O/D Cut	Engine and ECT, Engine, ECT
0575	Control the Auto Oil Supply System	Engine and ECT, Engine, ECT
0576	Activate the VVT System (Bank1)	Engine and ECT, Engine, ECT
0577	Control the Supercharger	Engine and ECT, Engine, ECT
0578	Activate the Slip Control System	Engine and ECT, Engine, ECT
0579	Activate the VSV for Air Bleed Control	Engine and ECT, Engine, ECT
0580	Activate the VSV for Intake Air Control	Engine and ECT, Engine, ECT
0581	Activate the VSV for Exhaust Gas Control	Engine and ECT, Engine, ECT
0582	Activate the Air Pump	Engine and ECT, Engine, ECT
0583	Activate the Air Switching Valve	Engine and ECT, Engine, ECT
0584	Control the SCV Duty Ratio	Engine and ECT, Engine, ECT
0585	Control the IAC Duty Ratio	Engine and ECT, Engine, ECT
0586	Test the Fuel Leak	Engine and ECT, Engine, ECT
0587	Control the VVT Exhaust Linear (Bank1)	Engine and ECT, Engine, ECT
0588	Control the VVT Exhaust Linear (Bank2)	Engine and ECT, Engine, ECT
0589	Control the VVT Linear (Bank1)	Engine and ECT, Engine, ECT
0590	Control the VVT System (Bank1)	Engine and ECT, Engine, ECT
0591	Control the VVT Linear (Bank2)	Engine and ECT, Engine, ECT
0592	Control the ETCS Open/Close Slow Speed	Engine and ECT, Engine, ECT
0593	Control the ETCS Open/Close Fast Speed	Engine and ECT, Engine, ECT
0594	Control the Injection Timing #1	Engine and ECT, Engine, ECT

0595	Control the Injection Timing #2	Engine and ECT, Engine, ECT
0596	Control the Injection Timing #6	Engine and ECT, Engine, ECT
0597	Control the Injection Timing #5	Engine and ECT, Engine, ECT
0598	Control the Injection Timing #4	Engine and ECT, Engine, ECT
0599	Control the Injection Timing #3	Engine and ECT, Engine, ECT
0600	Control the Injection Timing #8	Engine and ECT, Engine, ECT
0601	Control the Injection Timing #7	Engine and ECT, Engine, ECT
0602	Control the Target Fuel Pressure	Engine and ECT, Engine, ECT
0603	Control the Electric Cooling Fan	Engine and ECT, Engine, ECT
0604	Activate the VSV for AICS	Engine and ECT, Engine, ECT
0605	Activate the Vacuum Pump	Engine and ECT, Engine, ECT
0606	Activate the VSV for Vent Valve	Engine and ECT, Engine, ECT
0607	Control the Idle Fuel Cut Prohibit	Engine and ECT, Engine, ECT
0608	Prohibit the Catalyst OT Misfire prevent F/C	Engine and ECT, Engine, ECT
0609	Fuel Cut Bank 2 for Idle	Engine and ECT, Engine, ECT
0610	Control the Injection Volume for A/F Sensor	Engine and ECT, Engine, ECT
0611	Air Fuel Ratio (A/F) Control	Engine and ECT, Engine, ECT
0612	Activate the VSV for Turbo Boost Control	Engine and ECT, Engine, ECT
0613	Activate the VSV for Secondary Air Control	Engine and ECT, Engine, ECT
0614	Activate the Fuel Pump Speed Control	Engine and ECT, Engine, ECT
0615	Connect the TC and TE1	Engine and ECT, EV, Engine, ECT
0616	Activate the Solenoid (SL2)	Engine and ECT, Engine, ECT
0617	Control the Injection Volume	Engine and ECT, Engine, ECT
0618	Continuously Chime Of Meter	Immobiliser
0619	Not P-position Warning	Immobiliser
0620	Break Cable Warning	Immobiliser
0621	Key Warning Not Match	Immobiliser
0622	Warning Of Stuck Steering	Immobiliser
0623	Meter Chime	Immobiliser
0624	Meter Buzzer	Immobiliser
0625	Electronic Controlled Braking (ECB) Not Valid	ABS/VSC/TRC, ABS/VSC/TRAC
0626	Warning Light Of Tire Pressure	ABS/VSC/TRC, ABS/VSC/TRAC

0627	Indicator Light Of Electronic Controlled Braking (ECB)	ABS/VSC/TRC, ABS/VSC/TRAC
0628	Master Cut Valve 2	ABS/VSC/TRC, ABS/VSC/TRAC
0629	Electronic Controlled Braking (ECB) Main Relay 1	ABS/VSC/TRC, ABS/VSC/TRAC
0630	Traction Control System (TRC) Solenoid - SPFL	ABS/VSC/TRC
0631	Master Cut Valve 1	ABS/VSC/TRC, ABS/VSC/TRAC
0632	Traction Control System (TRC) Solenoid - SMR	ABS/VSC/TRC
0633	Traction Control System (TRC) Solenoid - SPFR	ABS/VSC/TRC
0634	Traction Control System (TRC) Solenoid - SRMF & SRMR	ABS/VSC/TRC
0635	Traction Control System (TRC) Solenoid - SMF	ABS/VSC/TRC
0636	Traction Control System (TRC) Solenoid - SRMF	ABS/VSC/TRC
0637	Traction Control System (TRC) Solenoid - SRMR	ABS/VSC/TRC
0638	Traction Control System (TRC) Solenoid - SRCR	ABS/VSC/TRC
0639	Traction Control System (TRC) Solenoid - SRCF & SRCR	ABS/VSC/TRC
0640	Traction Control System (TRC) Solenoid - SA1	ABS/VSC/TRC
0641	Traction Control System (TRC) Solenoid - SA2	ABS/VSC/TRC
0642	Traction Control System (TRC) Solenoid - SRLR & SRLH	ABS/VSC/TRC
0643	Traction Control System (TRC) Solenoid - SMFL	ABS/VSC/TRC
0644	Antilock Brake System (ABS) Solenoid (SFLR & SFLH)	ABS/VSC/TRC, ABS/VSC/TRAC
0645	Traction Control System (TRC) Solenoid - SMFR	ABS/VSC/TRC
0646	Cut Relay Of Exhaust Brake	ABS/VSC/TRC, ABS/VSC/TRAC
0647	Sub-Throttle	ABS/VSC/TRC, ABS/VSC/TRAC
0648	Relay Of Traction Control System (TRC) Motor	ABS/VSC/TRC
0649	Antilock Brake System (ABS) Motor Relay	ABS/VSC/TRC, ABS/VSC/TRAC
0650	ES Start Light	ABS/VSC/TRC, ABS/VSC/TRAC
0651	Acceleration Slip Regulation (ASR)/Traction Control System (TRC) Warning Light	ABS/VSC/TRC
0652	Relay 2 Of Motor	ABS/VSC/TRC, ABS/VSC/TRAC
0653	ES Start Buzzer	ABS/VSC/TRC, ABS/VSC/TRAC

0654	Relay 1 Of Motor	ABS/VSC/TRC, ABS/VSC/TRAC
0655	Traction Control System (TRC) Solenoid - SMR & SPFR	ABS/VSC/TRC
0656	Traction Control System (TRC) Solenoid - SRCF	ABS/VSC/TRC
0657	Traction Control System (TRC) Solenoid - SMFR & SMFL	ABS/VSC/TRC
0658	Traction Control System (TRC) Solenoid - SRRR & SRRH	ABS/VSC/TRC
0659	Traction Control System (TRC) Solenoid - SRH	ABS/VSC/TRC
0660	Traction Control System (TRC) Solenoid - SFRH & SFLH	ABS/VSC/TRC
0661	Traction Control System (TRC) Solenoid - SA1 & SA2	ABS/VSC/TRC
0662	Traction Control System (TRC) Solenoid - SFLR & SFLH	ABS/VSC/TRC
0663	Traction Control System (TRC) Solenoid - SFRR & SFRH	ABS/VSC/TRC
0664	Traction Control System (TRC) Solenoid - SS	ABS/VSC/TRC
0665	Solenoid - SLA	ABS/VSC/TRC, ABS/VSC/TRAC
0666	Solenoid - SLR	ABS/VSC/TRC, ABS/VSC/TRAC
0667	Traction Control System (TRC) Solenoid - SMC1	ABS/VSC/TRC
0668	Traction Control System (TRC) Solenoid - SMC2	ABS/VSC/TRC
0669	Warning Buzzer Of Vehicle Stability Control (VSC) H/B	ABS/VSC/TRC, ABS/VSC/TRAC
0670	Antilock Brake System (ABS) Solenoid (SRRR & SRRH)	ABS/VSC/TRC, ABS/VSC/TRAC
0671	Antilock Brake System (ABS) Solenoid (SFRH & SFLH)	ABS/VSC/TRC, ABS/VSC/TRAC
0672	Antilock Brake System (ABS) Solenoid (SFRR & SFRH)	ABS/VSC/TRC, ABS/VSC/TRAC
0673	Antilock Brake System (ABS) Solenoid (SRLR & SRLH)	ABS/VSC/TRC, ABS/VSC/TRAC
0674	Fuel Pump	Engine and ECT
0675	Purge Cut Vacuum Switching Valve (VSV)	Engine and ECT
0676	Relay Of A/C Magnetic Clutch	Engine and ECT

0677	Idle Up Vacuum Switching Valve (VSV)	Engine and ECT
0678	Variable Valve Timing Lift (VVTL) Control - Bank 1	Engine and ECT
0679	Vapor Pressure Vacuum Switching Valve (VSV)	Engine and ECT
0680	Canister Pressure Control Vacuum Switching Valve (VSV)	Engine and ECT
0681	Tank Pressure Bypass Vacuum Switching Valve (VSV)	Engine and ECT
0682	Exhaust Gas Control VSV	Engine and ECT
0683	Exhaust Bypass Valve	Engine and ECT
0684	E-ABV Step	Engine and ECT
0685	Boost Pressure Control Vacuum Switching Valve (VSV)	Engine and ECT
0686	Automatic Oil Supply	Engine and ECT
0687	Air Bleed	Engine and ECT
0688	Intake Air Control Vacuum Switching Valve (VSV)	Engine and ECT
0689	Variable Valve Timing (VVT) Control - Bank 1	Engine and ECT
0690	Intake Control Vacuum Switching Valve (VSV) 2	Engine and ECT
0691	Supercharger Control Relay	Engine and ECT
0692	Variable Valve Timing (VVT) Control - Bank 2	Engine and ECT
0693	Purge Vacuum Switching Valve (VSV)	Engine and ECT
0694	SLS Pressure	Engine and ECT
0695	Idle Air Control Valve (IACV) Motor	Engine and ECT
0696	Fuel Pressure	Engine and ECT
0697	Motor Of Fan	Engine and ECT
0698	AICV VSV	Engine and ECT
0699	Vent Valve	Engine and ECT
0700	Vacuum Pump	Engine and ECT
0701	HC Adsorber and Catalyst VSV	Engine and ECT
0702	Timing Solenoid	Engine and ECT
0703	SB Solenoid	Engine and ECT
0704	Active Control Mount	Engine and ECT
0705	Fuel Shutoff Valve for Delivery Pipe	Engine and ECT
0706	Fuel Shutoff Valve for Press Regulator	Engine and ECT
0707	Line Pressure Up Solenoid	Engine and ECT
0708	Slip Control Solenoid	Engine and ECT
0709	Fuel Cut Idle Prohibit	Engine and ECT
0710	TE1(TC)	Engine and ECT
0711	Overdrive Cut Solenoid	Engine and ECT
0712	C/D Control Solenoid	Engine and ECT

0713	Variable Valve Timing Lift (VVTL) Control - Bank 2	Engine and ECT
0714	SLS Solenoid	Engine and ECT
0715	Lock Up Solenoid	Engine and ECT
0716	Fuel Pressure Up VSV	Engine and ECT
0717	Exhaust Gas Recirculation (EGR) System	Engine and ECT
0718	Intake Control Vacuum Switching Valve (VSV) 1	Engine and ECT
0719	Idle Air Control (IAC) Step	Engine and ECT
0720	Exhaust Gas Recirculation (EGR) Step	Engine and ECT
0721	Air Conditioning (A/C) Cut Signal	Engine and ECT
0722	Variable Intake VSV	Engine and ECT
0723	Injector volume	Engine and ECT
0724	Idle Air Control (IAC) Duty	Engine and ECT
0725	Secondary Air Vacuum Switching Valve (VSV)	Engine and ECT
0726	SCV Vacuum Switching Valve (VSV)	Engine and ECT
0727	Relay Of Fuel Pump	Engine and ECT
0728	Shift	Engine and ECT
0729	Driving the Battery Cooling Fan	EV Battery
0730	Electric Cooling Fan	EV
0731	Quick Charge Negative Relay	Plug-in Control
0732	Quick Charge Positive Relay	Plug-in Control
0733	Check Type Support B	Engine and ECT, Engine
0734	Activate VSV for Tank Bypass and Canister Control	Engine and ECT, Engine
0735	#6	Engine and ECT, Engine, ECT
0736	#7	Engine and ECT, Engine, ECT
0737	#8	Engine and ECT, Engine, ECT
0738	#2	Engine and ECT, Engine, ECT
0739	#3	Engine and ECT, Engine, ECT
0740	#4	Engine and ECT, Engine, ECT
0741	#5	Engine and ECT, Engine, ECT
0742	Check the Imbalance Cylinder	Engine and ECT, Engine, ECT
0743	#1	Engine and ECT, Engine, ECT
0744	Control the Cylinder#1 Fuel Cut	ECT
0745	Control the Cylinder#8 Fuel Cut	ECT
0746	Control the Cylinder#4 Fuel Cut	ECT
0747	Control the Cylinder#3 Fuel Cut	ECT

0748	Control the Cylinder#2 Fuel Cut	ECT
0749	Control the Cylinder#7 Fuel Cut	ECT
0750	Control the Cylinder#6 Fuel Cut	ECT
0751	Control the Cylinder#5 Fuel Cut	ECT
0752	Slide Roof	Sliding Roof
0753	4-Wheel Drive (4WD) Lock Light	4-Wheel Drive (4WD)
0754	4-Wheel Drive (4WD) Auto Mode Light	4-Wheel Drive (4WD)
0755	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Off Indicator Light	ABS/VSC/TRAC
0756	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Solenoid - SPFL	ABS/VSC/TRAC
0757	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Solenoid - SPFR	ABS/VSC/TRAC
0758	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Solenoid - SMF	ABS/VSC/TRAC
0759	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Solenoid - SMR	ABS/VSC/TRAC
0760	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Solenoid - SRMF	ABS/VSC/TRAC
0761	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Solenoid - SRMR	ABS/VSC/TRAC
0762	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Solenoid - SRCR	ABS/VSC/TRAC
0763	Vehicle Stability Control (VSC)/Traction Control System (TRAC) Solenoid - SRCF	ABS/VSC/TRAC
0764	Traction Control System (TRAC) Solenoid - SPFL	ABS/VSC/TRAC
0765	Traction Control System (TRAC) Solenoid - SMR	ABS/VSC/TRAC

0766	Traction Control System (TRAC) Solenoid - SPFR	ABS/VSC/TRAC
0767	Traction Control System (TRAC) Solenoid - SRMF & SRMR	ABS/VSC/TRAC
0768	Traction Control System (TRAC) Solenoid - SMF	ABS/VSC/TRAC
0769	Traction Control System (TRAC) Solenoid - SRMF	ABS/VSC/TRAC
0770	Traction Control System (TRAC) Solenoid - SRMR	ABS/VSC/TRAC
0771	Traction Control System (TRAC) Solenoid - SRCR	ABS/VSC/TRAC
0772	Traction Control System (TRAC) Solenoid - SRCF & SRCR	ABS/VSC/TRAC
0773	Traction Control System (TRAC) Solenoid - SA2	ABS/VSC/TRAC
0774	Traction Control System (TRAC) Solenoid - SA1	ABS/VSC/TRAC
0775	Traction Control System (TRAC) Solenoid - SMFL	ABS/VSC/TRAC
0776	Traction Control System (TRAC) Solenoid - SMFR & SMFL	ABS/VSC/TRAC
0777	Traction Control System (TRAC) Solenoid - SMFR	ABS/VSC/TRAC
0778	Relay Of Traction Control System (TRAC) Motor	ABS/VSC/TRAC
0779	Acceleration Slip Regulation (ASR)/Traction Control System (TRAC) Warning Light	ABS/VSC/TRAC
0780	Traction Control System (TRAC) Solenoid - SMR & SPFR	ABS/VSC/TRAC
0781	Traction Control System (TRAC) Solenoid - SRCF	ABS/VSC/TRAC
0782	Traction Control System (TRAC) Solenoid - SRLR & SRLH	ABS/VSC/TRAC
0783	Traction Control System (TRAC) Solenoid - SRRR & SRRH	ABS/VSC/TRAC
0784	Traction Control System (TRAC) Solenoid - SRH	ABS/VSC/TRAC
0785	Traction Control System (TRAC) Solenoid - SFRH & SFLH	ABS/VSC/TRAC
0786	Traction Control System (TRAC) Solenoid - SA1 & SA2	ABS/VSC/TRAC

0787	Traction Control System (TRAC) Solenoid - SFRR & SFRH	ABS/VSC/TRAC
0788	Traction Control System (TRAC) Solenoid - SFLR & SFLH	ABS/VSC/TRAC
0789	Traction Control System (TRAC) Solenoid - SMC2	ABS/VSC/TRAC
0790	Traction Control System (TRAC) Solenoid - SS	ABS/VSC/TRAC
0791	Traction Control System (TRAC) Solenoid - SMC1	ABS/VSC/TRAC
0792	Tank Pressure Bypass VSV and Canister Pressure Control VSV	Engine and ECT
0793	Vent Valve and Vacuum Pump	Engine and ECT
0794	Power Window - Passenger Side	Master Switch
0795	Power Window - Driver Side	Master Switch
0796	Cruise Warning	Combination Meter
0797	Check Engine Warning	Combination Meter
0798	SPORT Indicator	Combination Meter
0799	Open/Close State Of Door	Main Body
0800	Driver Courtesy Lamp	Main Body
0801	Passenger Courtesy Lamp	Main Body
0802	Key Ring Lights	Main Body
0803	Light Relay	Main Body
0804	Shift Lock	Main Body
0805	Key Lock	Main Body
0806	Rear Defogger	Main Body
0807	Double Lock Set	Main Body
0808	Double Lock Unset	Main Body
0809	Engine Coolant Temperature Sensor (C)	Air Conditioner
0810	Engine Coolant Temperature Sensor (F)	Air Conditioner
0811	Room Temperature Sensor (F)	Air Conditioner
0812	Ambient Temperature Sensor (C)	Air Conditioner
0813	Ambient Temperature Sensor (F)	Air Conditioner
0814	Room Temperature Sensor (C)	Air Conditioner
0815	Inside and Outside Change	Air Conditioner
0816	Solar Sensor	Air Conditioner
0817	Passenger Air Mix Damper	Air Conditioner
0818	Air Outlet Damper	Air Conditioner
0819	Driver Air Mix Damper	Air Conditioner
0820	Rear Defogger Switch	Air Conditioner
0821	Auto Switch	Air Conditioner
0822	Power for D-Seat Sens	Smart Key
0823	Control the Target Engine Speed	Engine, ECT

0824	Activate the Starter Cut Relay	Engine, ECT
0825	Indicator Light Of Sports Mode	ABS/VSC/TRAC

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Special Functions List

No.	Functions Name	System Name
SP0001	Signal Check	ABS/VSC/TRC, EMPS, Supplement Restraint System (SRS) Airbag, ABS/VSC/TRAC, Tire Pressure Monitor
SP0002	Abnormal Operation History	EMPS
SP0003	Blower Motor Brush Wear Amount Initialization	Air Conditioner
SP0004	Refrigerant Gas Volume Check	Air Conditioner
SP0005	Servo motor initialization	Air Conditioner
SP0006	Wireless Door Lock Diagnosis Mode	Main Body
SP0007	Initialization	Main Body, PM2 Gateway, Entry&Start, PM1 Gateway, Accessory Gateway
SP0008	Wireless Code Erasure	Main Body
SP0009	Wireless Code Registration	Main Body
SP0010	Inspection Mode	ABS/VSC/TRC, EV, ABS/VSC/TRAC
SP0011	Test Mode	ABS/VSC/TRC, ABS/VSC/TRAC
SP0012	Electronic Controlled Braking (ECB) Utility	ABS/VSC/TRC, ABS/VSC/TRAC
SP0013	Reset Memory	Engine and ECT, ABS/VSC/TRC, ECT, Master Switch, ABS/VSC/TRAC, Driver Door Motor, Passenger Door Motor, 4-Wheel Drive (4WD)
SP0014	Air Bleeding	ABS/VSC/TRC, ABS/VSC/TRAC
SP0015	i-ART Learning Value Reset	Engine and ECT
SP0016	Engine Oil Pressure Control Check	Engine and ECT
SP0017	Chassis Dynamometer Mode	Engine and ECT
SP0018	Injector Compensation	Engine and ECT
SP0019	Pilot Quantity Learning Values Reset	Engine and ECT
SP0020	DPF Deterioration Record Clear	Engine and ECT
SP0021	Vehicle Mileage Write	Engine and ECT
SP0022	Learning Values Confirmation	Engine and ECT
SP0023	Pilot Quantity Learning (Detail)	Engine and ECT
SP0024	Wide Inter-cylinder Correction Learning Value Initialization	Engine and ECT
SP0025	A/F Sensor Learning Value Initialization	Engine and ECT
SP0026	Pilot Quantity Learning	Engine and ECT
SP0027	Automatic Transmission (A/T) Unit Correction (Initialization)	Engine and ECT
SP0028	A/T Code Registration	Engine and ECT, Engine, ECT
SP0029	VIN	Engine and ECT, EV, Engine

SP0030	Electric Throttle Learning	Engine and ECT
SP0031	Catalyst Record Clear	Engine and ECT
SP0032	Supply Pump Learning Value Initialization	Engine and ECT
SP0033	Transponder Code Registration	Immobiliser
SP0034	Transponder Code Erasure	Immobiliser
SP0035	Auto Power Off Cancel	Power Source Control
SP0036	Driver Information Registration	Entry&Start, Smart Key
SP0037	Key Code Registration	Entry&Start, Immobiliser, Smart Key
SP0038	Key Code Erasure	Entry&Start, Immobiliser, Main Body, Smart Key
SP0039	ECU Communication ID Registration	Entry&Start, Smart Key, Smart key
SP0040	Communication Check (Key Diag Mode)	Entry&Start, Smart Key
SP0041	HICM Resistance Learning Value Reset	Engine and ECT
SP0042	CVT Oil Pressure Calibration	Engine and ECT
SP0043	Deceleration Sensor Zero Point Calibration	Engine and ECT, Stop and Start, Engine
SP0044	Check Mode	Engine and ECT, Stop and Start, EV, EV Battery, Plug-in Control, EMPS, Supplement Restraint System (SRS) Airbag, Engine, ECT, ABS/VSC/TRAC
SP0045	Electronic Controlled Braking (ECB)-R Utility	ABS/VSC/TRC, ABS/VSC/TRAC
SP0046	Battery Status Info Update	EV Battery
SP0047	Temporary Vehicle Start Up	EV Battery
SP0048	Battery Diagnosis	EV Battery
SP0049	EV Batt Cell Low Volt READY ON Prevention Cancel	EV Battery
SP0050	Battery Pack Malf Fail-Safe Drive History Clear	EV
SP0051	Quick Charge Relay Diagnosis	Plug-in Control
SP0052	Torque Sensor Adjustment	EMPS
SP0053	Integrated Current Value Initialization	Stop and Start
SP0054	Deceleration Sensor Zero Point Clear	Stop and Start
SP0055	Oil Pump Air Bleeding	Stop and Start
SP0056	Reset A/C Information	Stop and Start
SP0057	Starter Exchange	Stop and Start
SP0058	ECU Exchange	Stop and Start, Detection Of Occupant
SP0059	Auto Registration Closure	Immobiliser
SP0060	Learning Value Reset	Engine and ECT, Engine
SP0061	A/T Code Reset	Engine and ECT, Engine, ECT
SP0062	Clear Trouble Factor Code	Remote Engine Starter
SP0063	Smart Code Reset	Smart Key
SP0064	Electronic Controlled Braking (ECB) 2.0/2.5 Utility	ABS/VSC/TRAC

SP0065	Zero Point Calibration	Detection Of Occupant
SP0066	Sensitivity Check	Detection Of Occupant
SP0067	ID Registration	Tire Pressure Monitor
SP0068	Fuel Density Learning Value Reset	Engine and ECT, Engine
SP0069	ECU communication ID registration	Main Body
SP0070	Neutral Memorization Of Vehicle Stability Control (VSC) Sensor	ABS/VSC/TRAC
SP0071	Control Mode Change	4-Wheel Drive (4WD)
SP0072	DCM Service	Telematics
SP0073	Wi-Fi Connection History	Navigation System
SP0074	Bluetooth Connection History	Navigation System
SP0075	Map Information	Navigation System
SP0076	Video Device Connection Check	Navigation System
SP0077	Valet Mode Cancel	Navigation System
SP0078	Camera Synchronous Error History	Navigation System
SP0079	Diagnostic Mode	Navigation System
SP0080	Software Error History	Navigation System
SP0081	Optical Disc Error History	Navigation System
SP0082	Smart Code Erasure	Smart Key
SP0083	Cruising Range Reset	Combination Meter
SP0084	Zero Point Calibration & Sensitivity Check	Detection Of Occupant
SP0085	Communication Check (Key Diag Mode)	Smart key
SP0086	Switch Battery Type	Engine and ECT, Engine
SP0087	Switch Oil Maintenance Display	Engine and ECT, Engine
SP0088	iMT Installation Information Reset	Engine and ECT, Engine
SP0089	Automatic Transmission Fluid (ATF) Thermal Degradation Estimate Reset	Engine and ECT, Engine, ECT
SP0090	Vehicle Stability Control (VSC)/Traction Control System (TRC)/4WD Control Prevention Mode	ABS/VSC/TRAC
SP0091	Shift Control Synchronization	Engine