



# Shenzhen Xtooltech Co., Ltd

## Elect Pump Elect Pump Function List V5.01

Brand	Vehicle model	Year	Chassis	Engine	Displacement
Hyundai	Sonata hybrid(YF HEV US)-U. S.	2013	GENERAL		G 2.4 HEV
Hyundai	Sonata hybrid(YF HEV)	2015	USA		G 2.4 HEV
Hyundai	Sonata hybrid(YF HEV)	2014	USA		G 2.4 HEV
Hyundai	Sonata hybrid(YF HEV)	2013	USA		G 2.4 HEV
Hyundai	Sonata hybrid(YF HEV)	2012	USA		G 2.4 HEV
Hyundai	Sonata hybrid(YF HEV)	2011	USA		G 2.4 HEV
Hyundai	Grandeur HEV(HG HEV)	2015	KOREA		G 2.4 HEV
Hyundai	Grandeur HEV(HG HEV)	2014	KOREA		G 2.4 HEV
Hyundai	SonataHEV(YF HEV)	2015	KOREA		G 2.0 HEV
Hyundai	SonataHEV(YF HEV)	2014	KOREA		G 2.0 HEV
Hyundai	SonataHEV(YF HEV)	2013	KOREA		G 2.0 HEV
Hyundai	SonataHEV(YF HEV)	2012	KOREA		G 2.0 HEV
Hyundai	SonataHEV(YF HEV)	2011	KOREA		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV)	2016	USA		G 2.0 HEV
Hyundai	Sonata PHEV(LF PHEV)	2016	USA		G 2.0 PHEV
Hyundai	Grandeur HEV(HG HEV)	2016	KOREA		G 2.4 HEV
Hyundai	IONIQ Hybrid(AE HEV)	2017	KOREA		G 1.6 GDI HEV
Hyundai	IONIQ Hybrid(AE HEV)	2016	KOREA		G 1.6 GDI HEV
Hyundai	Sonata Hybrid(LF HEV)	2016	KOREA		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV)	2015	KOREA		G 2.0 HEV
Hyundai	Sonata PHEV(LF PHEV)	2016	KOREA		G 2.0 PHEV
Hyundai	Sonata Hybrid(LF HEV)	2016	GENERAL		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV)	2015	GENERAL		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV)-U. S.	2016	GENERAL		G 2.0 HEV
Hyundai	Sonata hybrid(YF HEV)	2015	GENERAL		G 2.4 HEV

Hyundai	Sonata hybrid(YF HEV)	2014	GENERAL		G 2.4 HEV
Hyundai	Sonata Hybrid(YF HEV)- U. S.	2014	GENERAL		G 2.4 HEV
Hyundai	Sonata Hybrid(YF HEV)- U. S.	2013	GENERAL		G 2.4 HEV
Hyundai	IONIQ Electric(AE EV)	2017	GENERAL		88KW
Hyundai	IONIQ Hybrid(AE HEV)	2017	GENERAL		G 1.6 GDI HEV
Hyundai	IONIQ Hybrid(AE HEV)	2018	GENERAL		G 1.6 GDI HEV
Hyundai	IONIQ PHEV(AE PHEV)	2017	GENERAL		G 1.6 GDI PHEV
Hyundai	Sonata Hybrid(LF HEV)	2018	GENERAL		G 2.0 HEV
Hyundai	IONIQ Electric(AE EV)	2017	USA		88KW
Hyundai	IONIQ Hybrid(AE HEV)	2018	USA		G 1.6 GDI HEV
Hyundai	IONIQ Plug-in Hybrid(AE PHEV)	2018	USA		G 1.6 GDI HEV
Hyundai	Sonata Hybrid(LF HEV)	2016	USA		G 2.0 HEV
Hyundai	Sonata Plug-in Hybrid(LF PHEV)	2016	USA		G 2.0 PHEV
Hyundai	Grandeur Hybrid(HG HEV)	2014	KOREA		G 2.4 HEV
Hyundai	Grandeur Hybrid(HG HEV)	2015	KOREA		G 2.4 HEV
Hyundai	Grandeur Hybrid(HG HEV)	2016	KOREA		G 2.4 HEV
Hyundai	Grandeur Hybrid(HG HEV)	2017	KOREA		G 2.4 HEV
Hyundai	Grandeur hybrid(IG HEV)	2018	KOREA		G 2.4 MPI HEV
Hyundai	IONIQ Electric(AE EV)	2017	KOREA		88KW
Hyundai	IONIQ PHEV(AE PHEV)	2017	KOREA		G 1.6 GDI PHEV
Hyundai	Sonata Hybrid(LF HEV)	2015	KOREA		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV)	2018	KOREA		G 2.0 GDI HEV
Hyundai	Sonata Plug-in Hybrid(LF PHEV)	2018	KOREA		G 2.0 GDI PHEV
Hyundai	IONIQ Hybrid(AE HEV)	2019	GENERAL		G 1.6 GDI HEV

Hyundai	IONIQ Hybrid(AE HEV)	2020	GENERAL		G 1.6 GDI HEV
Hyundai	IONIQ PHEV(AE PHEV)	2019	GENERAL		G 1.6 GDI PHEV
Hyundai	IONIQ PHEV(AE PHEV)	2020	GENERAL		G 1.6 GDI PHEV
Hyundai	KONA hybrid(OS HEV)	2020	GENERAL		G 1.6 GDI HEV
Hyundai	Sonata Hybrid(LF HEV)	2019	GENERAL		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV)	2020	GENERAL		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV) - U.S.	2015	GENERAL		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV) - U.S.	2017	GENERAL		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV) - U.S.	2018	GENERAL		G 2.0 HEV
Hyundai	IONIQ Hybrid(AE HEV)	2019	USA		G 1.6 GDI HEV
Hyundai	IONIQ Hybrid(AE HEV)	2020	USA		G 1.6 GDI HEV
Hyundai	Sonata Hybrid(LF HEV)	2018	USA		G 2.0 HEV
Hyundai	Sonata Hybrid(LF HEV)	2019	USA		G 2.0 HEV
Hyundai	Sonata Plug-in Hybrid(LF PHEV)	2018	USA		G 2.0 PHEV
Hyundai	Sonata Plug-in Hybrid(LF PHEV)	2019	USA		G 2.0 PHEV
Hyundai	Grandeur hybrid(IG HEV)	2019	KOREA		G 2.4 MPI HEV
Hyundai	Grandeur hybrid(IG HEV)	2020	KOREA		G 2.4 MPI HEV
Hyundai	IONIQ Electric(AE EV)	2019	KOREA		88KW
Hyundai	IONIQ Hybrid(AE HEV)	2019	KOREA		G 1.6 GDI HEV
Hyundai	IONIQ Hybrid(AE HEV)	2020	KOREA		G 1.6 GDI HEV
Hyundai	IONIQ PHEV(AE PHEV)	2019	KOREA		G 1.6 GDI PHEV
Hyundai	IONIQ PHEV(AE PHEV)	2020	KOREA		G 1.6 GDI PHEV
Hyundai	KONA hybrid(OS HEV)	2020	KOREA		G 1.6 GDI HEV
Hyundai	Sonata Hybrid(LF HEV)	2019	KOREA		G 2.0 GDI HEV
Hyundai	Sonata Plug-in Hybrid(LF PHEV)	2019	KOREA		G 2.0 GDI PHEV
Kia	K5 HEV(TF HEV)	2015	others		G 2.0 MPI-NU

Kia	K5 HEV(TF HEV)	2014	others		G 2.0 MPI-NU
Kia	Optima HEV(TF HEV)	2015	GENERAL		G 2.0 HEV
Kia	Optima HEV(TF HEV)	2014	GENERAL		G 2.0 HEV
Kia	Optima HEV(TF HEV)	2013	GENERAL		G 2.0 HEV
Kia	Soul EV(PS EV)	2015	GENERAL		80KW
Kia	Optima hybrid(TF HEV)	2015	USA		G 2.4 THETA II HEV
Kia	Optima hybrid(TF HEV)	2014	USA		G 2.4 THETA II HEV
Kia	Optima hybrid(TF HEV)	2013	USA		G 2.4 HEV
Kia	Optima hybrid(TF HEV)	2012	USA		G 2.4 HEV
Kia	Optima hybrid(TF HEV)	2011	USA		G 2.4 HEV
Kia	K5 HEV(TF HEV)	2014	KOREA		G 2.0 HEV
Kia	K5 HEV(TF HEV)	2013	KOREA		G 2.0 HEV
Kia	K5 HEV(TF HEV)	2012	KOREA		G 2.0 HEV
Kia	K7 HEV(VG HEV)	2014	KOREA		G 2.4 HEV
Kia	SoulEV(PS EV)	2015	KOREA		80KW
Kia	SoulEV(PS EV)	2014	KOREA		80KW
Kia	Optima hybrid(TF HEV)	2016	USA		G 2.4 THETA II HEV
Kia	Soul EV(PS EV)	2015	USA		80KW
Kia	K5 HEV(TF HEV)	2015	KOREA		G 2.0 HEV
Kia	K7 HEV(VG HEV)	2016	KOREA		G 2.4 HEV
Kia	K7 HEV(VG HEV)	2015	KOREA		G 2.4 HEV
Kia	Niro(DE HEV)	2017	KOREA		G 1.6 GDI KAPPA
Kia	SoulEV(PS EV)	2016	KOREA		80KW
Kia	Soul EV(PS EV)	2016	GENERAL		80KW
Kia	Niro(DE HEV)	2017	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE HEV)	2018	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2018	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE HEV)	2017	USA		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2018	USA		G 1.6 GDI KAPPA
Kia	K7 HEV(YG HEV)	2017	KOREA		G 2.4 MPI THETA II

Kia	K7 HEV(YG HEV)	2018	KOREA		G 2.4 MPI THETA II
Kia	Niro(DE HEV)	2018	KOREA		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2017	KOREA		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2018	KOREA		G 1.6 GDI KAPPA
Kia	Cee'd (CD PHEV)	2020	GENERAL		G 1.6 GDI KAPPA PHEV
Kia	Niro(DE HEV)	2019	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE HEV)	2020	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE HEV)-For Mexico	2017	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE HEV)-For Mexico	2018	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE HEV)-For Mexico	2019	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2019	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2020	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)-For Mexico	2017	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)-For Mexico	2018	GENERAL		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)-For Mexico	2019	GENERAL		G 1.6 GDI KAPPA
Kia	XCeed PHEV(CD CUV PHEV)	2020	GENERAL		G 1.6 GDI KAPPA PHEV
Kia	Niro(DE HEV)	2019	USA		G 1.6 GDI KAPPA
Kia	Niro(DE HEV)	2020	USA		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2019	USA		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2020	USA		G 1.6 GDI KAPPA
Kia	K7 HEV(YG HEV)	2019	KOREA		G 2.4 MPI THETA II
Kia	K7 HEV(YG HEV)	2020	KOREA		G 2.4 MPI THETA II
Kia	Niro(DE HEV)	2019	KOREA		G 1.6 GDI KAPPA

Kia	Niro(DE HEV)	2020	KOREA		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2019	KOREA		G 1.6 GDI KAPPA
Kia	Niro(DE PHEV)	2020	KOREA		G 1.6 GDI KAPPA
BMW	1'	2005-	E81/E82/E87/E88/F20/F21/F40/F52		
BMW	2'	2014-	F22/F23/F44/F45/F46/F87		
BMW	3'	2006-	E90/E91/E92/E93/F30/F31/F34/F35/F80/G20/G21/G28		
BMW	4'	2013-	F32/F33/F36/F82/F83/G22		
BMW	5'	2004-	E60/E61/F07/F10/F11/F18/F90/G30/G31/G38		
BMW	6'	2006-	E63/E64/F06/F12/F13/G32		
BMW	7'	2004-	E65/E66/E67/E68/F01/F02/F03/F04/G11/G12		
BMW	8'	2018-	F91/F92/F93/G14/G15/G16		
BMW	I'	2013-	I01/I12/I15		
BMW	X'	2006-	E70/E71/E72/E84/F15/F16/F25/F26/F39/F48/F49/F85/F86/F95/F96/F97/F98/G01/G02/G05/G06/G07/G08		
BMW	Z'	2009-	E89/G29		

MINI	MINI	2008-	F54/F55/F56/F57/F60/R55/R56/R57/R58/R59/R60/R61		
ROLLS-ROYCE	ROLLS-ROYCE	2003-	RR1/RR2/RR3/RR4/R5/RR6/RR11/RR12/RR31		

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