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TPS FUNCTION LIST

SOFTWARE VERSION: 28.49

Automaker	Type1	Type2	Type3	Type4	Type5
Importanthint	Matchmanually				
Infiniti	Matchmanually				
Lexus	Matchmanually				
Nissan	Matchmanually	GraceA33			
Nissan	Matchmanually	Teana			
Nissan	Matchmanually	Tiida			
Nissan	Matchmanually	Othermodels			
Toyota	Matchmanually				
Subaru	Matchmanually	IMPREZA/CROSSTREK/XV	1998-2011		
Subaru	Matchmanually	Forester	1998-2013		
Subaru	Matchmanually	Outback	1998-2014		
Subaru	Matchmanually	WRX/Levorg	1998-2018		
Subaru	Matchmanually	ChiPeng			
Subaru	Matchmanually	other			
ACURA					Type1CAN
ACURA					Type2K
DAEWOO	Genra			Siemensengine	
DAEWOO	Kalos/Aveo(-2005)			Siemensengine	
DAEWOO	Kalos/Aveo/Barina(2006-)			Siemensengine	
DAEWOO	LacettiPremiere/Cruze			ECM-GEN31.6D&1.8D	
DAEWOO	Lacetti/Opra/Excelle/Viva(2006-)			Siemensengine	
DAEWOO	Leganza				
DAEWOO	Matiz(M200)				
DAEWOO	Matiz(M300)/Spark				
DAEWOO	Matiz/Spark				
DAEWOO	New-Lanos				
DAEWOO	New-Nexia			1.5L	
DAEWOO	New-Nexia			1.6L	
DAEWOO	Nexia			1.5L	
DAEWOO	Rezzo/Tacuma			1.6L/1.8L	
DAEWOO	Rezzo/Tacuma			2.0L	

DAEWOO	Statelyman				
DAEWOO	Tosca/Epica			Petrol1.8L	
DAEWOO	Tosca/Epica			Petrol2.0L/2.5L	
DAEWOO	Tosca/Epica			LPG	
DAEWOO	Tosca/Epica			LPI(EMSECU)	
HYUNDAI	BEIJING-HYUNDAI	Accent(MC)	2005-2015		
HYUNDAI	BEIJING-HYUNDAI	Elantra(XD)	2016-2017		
HYUNDAI	BEIJING-HYUNDAI	Elantra(XD)	2007-2015	G1.6DOHC	
HYUNDAI	BEIJING-HYUNDAI	Elantra(XD)	2007-2015	G1.8DOHC	
HYUNDAI	BEIJING-HYUNDAI	Elantra(XD)	2006	G1.6DOHC	Type1(CVVT+)
HYUNDAI	BEIJING-HYUNDAI	Elantra(XD)	2006	G1.6DOHC	Type2(CVVT-)
HYUNDAI	BEIJING-HYUNDAI	Elantra(XD)	2006	G1.8DOHC	
HYUNDAI	BEIJING-HYUNDAI	Elantra(XD)	2004-2005		
HYUNDAI	BEIJING-HYUNDAI	SeventhGenerationElantra(CN7C)	2020	G1.4T-GDI	
HYUNDAI	BEIJING-HYUNDAI	Elantra(ADC)	2019-2021	G1.4T-GDI	
HYUNDAI	BEIJING-HYUNDAI	Elantra(ADC)	2019-2021	G1.5MPI	
HYUNDAI	BEIJING-HYUNDAI	Elantra(ADC)	2019-2021	G1.6GDI	
HYUNDAI	BEIJING-HYUNDAI	Elantra(ADC)	2019-2021	G1.6MPI	
HYUNDAI	BEIJING-HYUNDAI	Elantra(ADC)	2016-2018	G1.4T-GDI	
HYUNDAI	BEIJING-HYUNDAI	Elantra(ADC)	2016-2018	G1.6GDI	
HYUNDAI	BEIJING-HYUNDAI	ElantraPlug-inhybrid(ADCPHEV)	2019-2021	G1.6GDI	
HYUNDAI	BEIJING-HYUNDAI	Elantra(MDC)	2012-2018		
HYUNDAI	BEIJING-HYUNDAI	Celesta(HDC)	2016-2020	G1.6MPI	
HYUNDAI	BEIJING-HYUNDAI	Celesta(HDC)	2010-2015	G1.6MPI	
HYUNDAI	BEIJING-HYUNDAI	Celesta(HDC)	2010-2015	G1.8MPI	
HYUNDAI	BEIJING-HYUNDAI	Celesta(HDC)	2009	G1.6MPI	Alpha
HYUNDAI	BEIJING-HYUNDAI	Celesta(HDC)	2009	G1.6MPI	Gamma
HYUNDAI	BEIJING-HYUNDAI	Celesta(HDC)	2009	G1.8MPI	
HYUNDAI	BEIJING-HYUNDAI	Celesta(HDC)	2008	G1.6MPI	
HYUNDAI	BEIJING-HYUNDAI	Celesta(HDC)	2008	G1.8MPI	
HYUNDAI	BEIJING-HYUNDAI	NEWCelesta(ID)	2018-2021	G1.4T-GDI	
HYUNDAI	BEIJING-HYUNDAI	NEWCelesta(ID)	2018-2021	G1.6MPI	
HYUNDAI	BEIJING-HYUNDAI	NEWCelesta(ID)	2017	G1.6MPI	
HYUNDAI	BEIJING-HYUNDAI	Encino(OSC)	2018-2021		
HYUNDAI	BEIJING-HYUNDAI	ix25(GC)	2017-2019	G1.4T-GDI	
HYUNDAI	BEIJING-HYUNDAI	ix25(GC)	2017-2019	G1.6T-GDI	
HYUNDAI	BEIJING-HYUNDAI	ix25(GC)	2017-2019	G1.6MPI	
HYUNDAI	BEIJING-HYUNDAI	ix25(GC)	2017-2019	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	ix25(GC)	2014-2016		
HYUNDAI	BEIJING-HYUNDAI	i30(FDC)	2009-2013	G1.6MPI	
HYUNDAI	BEIJING-HYUNDAI	i30(FDC)	2009-2013	G2.0MPI	ClearlearningValue

HYUNDAI	BEIJING-HYUNDAI	i30(FDC)	2009-2013	G2.0MPI	IdleControlMode
HYUNDAI	BEIJING-HYUNDAI	ix35(LMC)	2014-2019	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	ix35(LMC)	2014-2019	G2.4MPI	
HYUNDAI	BEIJING-HYUNDAI	ix35(LMC)	2012-2013	2.0Nu	
HYUNDAI	BEIJING-HYUNDAI	ix35(LMC)	2012-2013	2.0/2.4	
HYUNDAI	BEIJING-HYUNDAI	ix35(LMC)	2010-2011		
HYUNDAI	BEIJING-HYUNDAI	ix35(NU)	2018-2021	G1.4T-GDI	
HYUNDAI	BEIJING-HYUNDAI	ix35(NU)	2018-2021	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	ix35(NU)	2017	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	FESTA(SQ)	2018-2021		
HYUNDAI	BEIJING-HYUNDAI	MISTRA(CF)	2018-2020	G1.6T-GDI	
HYUNDAI	BEIJING-HYUNDAI	MISTRA(CF)	2018-2020	G1.8/2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	MISTRA(CF)	2017	G1.6T-GDI	Beforethechange
HYUNDAI	BEIJING-HYUNDAI	MISTRA(CF)	2017	G1.6T-GDI	Afterthechange
HYUNDAI	BEIJING-HYUNDAI	MISTRA(CF)	2017	G1.8/2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	MISTRA(CF)	2013-2016		
HYUNDAI	BEIJING-HYUNDAI	MISTRA(DU2)	2021	G1.5T-GDI	
HYUNDAI	BEIJING-HYUNDAI	NewSantafe(DMC)	2016-2019	Type1	
HYUNDAI	BEIJING-HYUNDAI	NewSantafe(DMC)	2016-2019	Type2	
HYUNDAI	BEIJING-HYUNDAI	NewSantafe(DMC)	2012-2015		
HYUNDAI	BEIJING-HYUNDAI	FourthGenerationSANTAFE(TMC)	2003-2018		
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2019	G1.6T-GDI	
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2019	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2017-2018	G1.6T-GDI	Beforethechange
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2017-2018	G1.6T-GDI	Afterthechange
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2017-2018	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2017-2018	G2.0T-GDI	
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2017-2018	G2.4GDI	
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2015-2016	G1.6T-GDI	
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2015-2016	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	Sonata(LFC)	2015-2016	G2.4GDI	
HYUNDAI	BEIJING-HYUNDAI	Sonata8th(YFC)	2011-2012		
HYUNDAI	BEIJING-HYUNDAI	Sonata8th(YFC)	2013-2016	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	Sonata8th(YFC)	2013-2016	G2.4MPI	
HYUNDAI	BEIJING-HYUNDAI	Sonataplug-inhybrid(LFCPHEV)	2018-2021	G2.0PHEV	
HYUNDAI	BEIJING-HYUNDAI	SonataHybrid(LFCHEV)	2016-2018	G2.0HEV	
HYUNDAI	BEIJING-HYUNDAI	Sonata(DN8C)	2020-2021	G1.5T-GDI	
HYUNDAI	BEIJING-HYUNDAI	Sonata(NFC)	2009-2011		
HYUNDAI	BEIJING-HYUNDAI	Sonata(NF)	2007/2008/2010	ClearlearningValue	
HYUNDAI	BEIJING-HYUNDAI	Sonata(NF)	2007/2008/2010	IdleControlMode	
HYUNDAI	BEIJING-HYUNDAI	Sonata(NF)	2004-2006	G2.0DOHC	ClearlearningValue

HYUNDAI	BEIJING-HYUNDAI	Sonata(NF)	2004-2006	G2.0DOHC	IdleControlMode
HYUNDAI	BEIJING-HYUNDAI	Sonata(NF)	2004-2006	G2.4DOHC	
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2009-2018		
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2006-2008	G2.0DOHC	
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2006-2008	G2.7DOHC	ClearlearningValue
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2006-2008	G2.7DOHC	IdleControlMode
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2005	G2.0DOHC	
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2005	G2.5DOHC	ClearlearningValue
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2005	G2.5DOHC	IdleControlMode
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2005	G2.7DOHC	ClearlearningValue
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2005	G2.7DOHC	IdleControlMode
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2003-2004	G2.0MPI	
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2003-2004	G2.7DOHC	ClearlearningValue
HYUNDAI	BEIJING-HYUNDAI	SonataMOINCA(EF)	2003-2004	G2.7DOHC	IdleControlMode
HYUNDAI	BEIJING-HYUNDAI	Tucson(JM)	2016	G2.0DOHC	ClearlearningValue
HYUNDAI	BEIJING-HYUNDAI	Tucson(JM)	2016	G2.0DOHC	IdleControlMode
HYUNDAI	BEIJING-HYUNDAI	Tucson(JM)	2005-2015	G2.0DOHC	ClearlearningValue
HYUNDAI	BEIJING-HYUNDAI	Tucson(JM)	2005-2015	G2.0DOHC	IdleControlMode
HYUNDAI	BEIJING-HYUNDAI	Tucson(JM)	2005-2015	G2.7DOHC	
HYUNDAI	BEIJING-HYUNDAI	NewTucson(TLC)	2019-2021	G2.0GDI	
HYUNDAI	BEIJING-HYUNDAI	NewTucson(TLC)	2018	G2.0GDI	
HYUNDAI	BEIJING-HYUNDAI	NewTucson(TLC)	2018	G1.6T-GDI	Beforethechange
HYUNDAI	BEIJING-HYUNDAI	NewTucson(TLC)	2018	G1.6T-GDI	Afterthechange
HYUNDAI	BEIJING-HYUNDAI	NewTucson(TLC)	2015-2017		
HYUNDAI	BEIJING-HYUNDAI	NewTucson(TLC)	2010-2018		
HYUNDAI	BEIJING-HYUNDAI	Verna(YC)/YueNa	2020-2021	G1.4MPI	
HYUNDAI	BEIJING-HYUNDAI	Verna(YC)/YueNa	2017-2021		
HYUNDAI	Commonarea	Accent(HC)	2018-2019	G1.4MPI	
HYUNDAI	Commonarea	Accent(HC)	2018-2019	G1.6MPI	
HYUNDAI	Commonarea	Accent(HCl)	2017-2019	G1.4MPI	
HYUNDAI	Commonarea	Accent(HCl)	2017-2019	G1.6MPI	
HYUNDAI	Commonarea	Accent(MC)	2006-2011	G1.4DOHC	
HYUNDAI	Commonarea	Accent(MC)	2006-2011	G1.6DOHC	
HYUNDAI	Commonarea	Accent(RB)	2014-2019	G1.4MPI-Kappa	
HYUNDAI	Commonarea	Accent(RB)	2014-2019	G1.4MPI-Gamma	
HYUNDAI	Commonarea	Accent(RB)	2014-2019	G1.6MPI	
HYUNDAI	Commonarea	Accent(RB)	2014-2019	G1.6GDI	
HYUNDAI	Commonarea	Accent(RB)	2013	G1.4MPI-Kappa	
HYUNDAI	Commonarea	Accent(RB)	2013	G1.4MPI-Gamma	
HYUNDAI	Commonarea	Accent(RB)	2013	G1.6MPI	
HYUNDAI	Commonarea	Accent(RB)	2011-2012	G1.4MPI	

HYUNDAI	Commonarea	Accent(RB)	2011-2012	G1.6MPI	
HYUNDAI	Commonarea	Accent/Solaris(RBr)	2011-2017	G1.4MPI	
HYUNDAI	Commonarea	Accent/Solaris(RBr)	2011-2017	G1.6MPI	
HYUNDAI	Commonarea	Accent/Solaris(HCR)	2018-2020	G1.4MPI	
HYUNDAI	Commonarea	Accent/Solaris(HCR)	2018-2020	G1.6MPI	
HYUNDAI	Commonarea	AtosPrime(MXL)	2000-2004	G1.0SOHC	lead-bearingALL
HYUNDAI	Commonarea	AtosPrime(MXL)	2000-2004	G1.0SOHC	lead-freeNORMAL
HYUNDAI	Commonarea	Atos(MX)	1998-2004	G1.0SOHC	lead-bearingALL
HYUNDAI	Commonarea	Atos(MX)	1998-2004	G1.0SOHC	lead-freeNORMAL
HYUNDAI	Commonarea	Atos(MXI)-PDF	2003-2013	G1.0/1.1SOHC	
HYUNDAI	Commonarea	Creta(GS)	2015-2019	G1.6MPI	
HYUNDAI	Commonarea	Creta(GS)	2015-2019	D1.4TCI	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	Creta(GSB)	2018-2019	F1.6MPI	
HYUNDAI	Commonarea	Creta(GSB)	2018-2019	F2.0MPI	
HYUNDAI	Commonarea	Creta(GSB)	2018-2019	G1.6MPI	
HYUNDAI	Commonarea	Creta(GSB)	2018-2019	G2.0MPI	
HYUNDAI	Commonarea	Creta(GSR)	2017-2019	G1.6MPI	
HYUNDAI	Commonarea	Creta(GSR)	2017-2019	G2.0MPI	
HYUNDAI	Commonarea	Equus/Centennial(VI)	2014-2016	G5.0GDI	
HYUNDAI	Commonarea	Equus/Centennial(VI)	2012-2013	G4.6MPI	
HYUNDAI	Commonarea	Equus/Centennial(VI)	2012-2013	G5.0GDI	
HYUNDAI	Commonarea	Equus/Centennial(VI)	2010-2011	G4.6MPI	
HYUNDAI	Commonarea	ElantraCoupe(JK)	2013-2016	G1.6MPI	
HYUNDAI	Commonarea	ElantraCoupe(JK)	2013-2016	G1.8MPI	
HYUNDAI	Commonarea	Elantra(AD)	2016-2020	F2.0/G2.0MPI	
HYUNDAI	Commonarea	Elantra(AD)	2016-2020	G1.6MPI	
HYUNDAI	Commonarea	Elantra(AD)	2017-2020	G1.6T-GDI	
HYUNDAI	Commonarea	Elantra(ADA)	2017-2018		
HYUNDAI	Commonarea	Elantra(ADA)	2019	G2.0MPI	
HYUNDAI	Commonarea	Elantra(ADA)	2019	G1.4T-GDI	
HYUNDAI	Commonarea	Elantra(ADI)	2016-2018		
HYUNDAI	Commonarea	Elantra(HD)	2007-2011	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(HD)	2007-2011	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(HD)	2007-2011	G1.6DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(HD)	2007-2011	G1.6DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(HD)	2007-2011	G1.6DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(HD)	2007-2011	G1.6DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(HD)	2007-2011	G1.6DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(MD)	2013-2016	F2.0/G1.8/G2.0MPI	
HYUNDAI	Commonarea	Elantra(MD)	2013-2016	G1.6MPI	

HYUNDAI	Commonarea	Elantra(MD)	2012	G1.6MPI	
HYUNDAI	Commonarea	Elantra(MD)	2012	G1.8MPI	
HYUNDAI	Commonarea	Elantra(MDI)	2013-2016	G1.8MPI	
HYUNDAI	Commonarea	Elantra(UD)	2014-2016	G1.8MPI	
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G1.8DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G1.8DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G1.8DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G1.8DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G1.8DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G1.8DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Elantra(XD)	2001-2006	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Eon(HA)	2014-2019	B0.8MPI	
HYUNDAI	Commonarea	Eon(HA)	2014-2019	G0.8MPI	
HYUNDAI	Commonarea	Eon(HA)	2014-2019	G1.0MPI	
HYUNDAI	Commonarea	Eon(HA)	2012-2013	B0.8MPI	
HYUNDAI	Commonarea	Eon(HA)	2012-2013	G0.8MPI	
HYUNDAI	Commonarea	G70(IK)	2019	G2.0T-GDI	
HYUNDAI	Commonarea	G70(IK)	2018	G2.0T-GDI	
HYUNDAI	Commonarea	G70(IK)	2018	G3.3T-GDI	
HYUNDAI	Commonarea	G80(DH)	2018-2019	G2.0T-GDI	
HYUNDAI	Commonarea	G80(DH)	2018-2019	G3.3T-GDI	
HYUNDAI	Commonarea	G80(DH)	2018-2019	G3.8GDI	
HYUNDAI	Commonarea	G80(DH)	2018-2019	G5.0GDI	
HYUNDAI	Commonarea	G80(DH)	2017	G2.0T-GDI	
HYUNDAI	Commonarea	G80(DH)	2017	G3.8GDI	
HYUNDAI	Commonarea	G80(DH)	2017	G5.0GDI	
HYUNDAI	Commonarea	G90(HI)	2017-2020	G3.8GDI	
HYUNDAI	Commonarea	G90(HI)	2017-2020	G5.0GDI	
HYUNDAI	Commonarea	G90(HI)	2017-2020	G3.3T-GDI	
HYUNDAI	Commonarea	GenesisCoupe(BK)	2012-2017	G2.0T-MPI	

HYUNDAI	Commonarea	GenesisCoupe(BK)	2009-2011	G2.0T-MPI	ClearlearningValue
HYUNDAI	Commonarea	GenesisCoupe(BK)	2009-2011	G2.0T-MPI	IdleControlMode
HYUNDAI	Commonarea	GenesisCoupe(BK)	2009-2011	G2.0T-MPI	ClearlearningValue
HYUNDAI	Commonarea	GenesisCoupe(BKUS)-U.S.	2013	G2.0T-MPI	
HYUNDAI	Commonarea	Genesis(BH)	2012-2014	G4.6MPI	
HYUNDAI	Commonarea	Genesis(BH)	2012-2014	G5.0GDI	
HYUNDAI	Commonarea	Genesis(BH)	2009-2011	G4.6MPI	
HYUNDAI	Commonarea	Genesis(BHUS)-U.S.	2013	G4.6MPI	
HYUNDAI	Commonarea	Genesis(BHUS)-U.S.	2013	G5.0GDI	
HYUNDAI	Commonarea	Genesis(DH)	2014-2017	G5.0GDI	
HYUNDAI	Commonarea	Grandi10/Xcent(BA)	2014-2019	B1.0LPGI	
HYUNDAI	Commonarea	Grandi10/Xcent(BA)	2014-2019	G1.0MPI	
HYUNDAI	Commonarea	Grandi10/Xcent(BA)	2014-2019	G1.2MPI	
HYUNDAI	Commonarea	Grandi10/Xcent(BA)	2014-2019	D1.2TCI-U2	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	GrandSantafe(NC)	2016-2018	G2.0T-GDI	
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G2.5DOHC	ClearlearningValue
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G2.5DOHC	IdleControlMode
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G2.5DOHC	ClearlearningValue
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G2.5DOHC	IdleControlMode
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G2.5DOHC	ClearlearningValue
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G2.5DOHC	IdleControlMode
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G3.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G3.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G3.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G3.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G3.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Grandeur(XG)	2016-2018	G3.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Grandeur/Azera(HG)	2016-2017	G2.4MPI	
HYUNDAI	Commonarea	Grandeur/Azera(HG)	2016-2017	G3.0MPI	
HYUNDAI	Commonarea	Grandeur/Azera(HG)	2015	G2.4MPI	Enginesystem
HYUNDAI	Commonarea	Grandeur/Azera(HG)	2015	G2.4MPI	lead-bearingALL
HYUNDAI	Commonarea	Grandeur/Azera(HG)	2015	G2.4MPI	lead-freeALL
HYUNDAI	Commonarea	Grandeur/Azera(HG)	2015	G3.0MPI	
HYUNDAI	Commonarea	Grandeur/Azera(HG)	2012-2014	G2.4MPI	
HYUNDAI	Commonarea	Grandeur/Azera(HG)	2012-2014	G3.0MPI	
HYUNDAI	Commonarea	Grandeur/Azera(IG)	2019-2020	G3.5MPI	
HYUNDAI	Commonarea	Grandeur/Azera(IG)	2019-2020	G3.0MPI	
HYUNDAI	Commonarea	Grandeur/Azera(IG)	2019-2020	G3.0GDI	
HYUNDAI	Commonarea	Grandeur/Azera(TG)	2009-2011	G2.4DOHC	
HYUNDAI	Commonarea	H-1/iMAX/iLOAD(TQ)	2019-2020	G2.4DOHC	

HYUNDAI	Commonarea	H-1/iMAX/iLOAD(TQ)	2019-2020	D2.5TCI-A2(Euro-5)	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	H-1/iMAX/iLOAD(TQ)	2019-2020	D2.5TCI-A2(Euro-6)	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	H-1/iMAX/iLOAD(TQ)	2016-2018	G2.4DOHC	
HYUNDAI	Commonarea	H-1/iMAX/iLOAD(TQ)	2016-2018	D2.5TCI-A2(Euro-5)	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	H-1/iMAX/iLOAD(TQ)	2016-2018	D2.5TCI-A2(Euro-6)	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	H-1/iMAX/iLOAD(TQ)	2008-2015	G2.4DOHC	ClearlearningValue
HYUNDAI	Commonarea	H-1/iMAX/iLOAD(TQ)	2008-2015	G2.4DOHC	IdleControlMode
HYUNDAI	Commonarea	H-100Truck(HR)	2017-2019	D2.5TCI-A2	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	H-100Truck(HR)	2013-2016	D2.5TCI-A2	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	H350(EU)	2015-2019	D2.5TCI-A2	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	HB20(HB)	2017-2019	F1.0MPI	
HYUNDAI	Commonarea	HB20(HB)	2017-2019	F1.6MPI	
HYUNDAI	Commonarea	HB20(HB)	2017-2019	F1.0T-MPI	
HYUNDAI	Commonarea	HB20(HB)	2013-2016	F1.0MPI	
HYUNDAI	Commonarea	HB20(HB)	2013-2016	F1.6MPI	
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	HDCoupe(GK)	2002-2008	G2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	i10(IA)	2017-2019	B1.0LPGI	
HYUNDAI	Commonarea	i10(IA)	2017-2019	G1.0MPI-KWP	
HYUNDAI	Commonarea	i10(IA)	2017-2019	G1.0MPI-UDS	
HYUNDAI	Commonarea	i10(IA)	2017-2019	G1.2MPI	
HYUNDAI	Commonarea	i10(IA)	2014-2016	B1.0LPGI	
HYUNDAI	Commonarea	i10(IA)	2014-2016	G1.0MPI	
HYUNDAI	Commonarea	i10(IA)	2014-2016	G1.2MPI	
HYUNDAI	Commonarea	i10(PA)	2012-2017	B1.1SOHC	
HYUNDAI	Commonarea	i10(PA)	2012-2017	G1.1SOHC	

HYUNDAI	Commonarea	i10(PA)	2012-2017	G1.0DOHC	
HYUNDAI	Commonarea	i10(PA)	2012-2017	G1.2DOHC	
HYUNDAI	Commonarea	i10(PA)	2011	G1.0DOHC	
HYUNDAI	Commonarea	i10(PA)	2011	G1.2DOHC	
HYUNDAI	Commonarea	i10(PA)	2011	G1.1SOHC	
HYUNDAI	Commonarea	i10(PA)	2009-2010	G1.1SOHC	
HYUNDAI	Commonarea	i10(PA)	2009-2010	G1.2DOHC	
HYUNDAI	Commonarea	i10(PA)	2008	G1.1SOHC	
HYUNDAI	Commonarea	i20(GB)	2019	G1.0T-GDI	
HYUNDAI	Commonarea	i20(GB)	2019	G1.2MPI	
HYUNDAI	Commonarea	i20(GB)	2019	G1.4MPI	
HYUNDAI	Commonarea	i20(GB)	2016-2018	G1.0T-GDI	
HYUNDAI	Commonarea	i20(GB)	2016-2018	G1.2MPI	
HYUNDAI	Commonarea	i20(GB)	2016-2018	G1.4MPI	
HYUNDAI	Commonarea	i20(GB)	2016-2018	D1.1TCI-U2	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	i20(GB)	2014-2015	G1.2MPI	
HYUNDAI	Commonarea	i20(GB)	2014-2015	G1.4MPI	
HYUNDAI	Commonarea	i20(IB)	2014-2019	G1.2MPI	
HYUNDAI	Commonarea	i20(IB)	2014-2019	G1.4MPI	
HYUNDAI	Commonarea	i20(PB)	2013-2016	G1.2/1.4MPI	
HYUNDAI	Commonarea	i20(PB)	2013-2016	D1.1/1.4TCI-U2	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	i20(PB)	2009-2012	G1.2/1.4/1.6MPI	ClearlearningValue
HYUNDAI	Commonarea	i20(PB)	2009-2012	G1.2/1.4/1.6MPI	IdleControlMode
HYUNDAI	Commonarea	i20(PB)	2009-2012	G1.2/1.4/1.6MPI	ClearlearningValue
HYUNDAI	Commonarea	i20(PB)	2009-2012	G1.2/1.4/1.6MPI	ClearlearningValue
HYUNDAI	Commonarea	i20(PB)	2009-2012	G1.2/1.4/1.6MPI	IdleControlMode
HYUNDAI	Commonarea	i30(FDe)	2009-2012	G1.4/1.6MPI	ClearlearningValue
HYUNDAI	Commonarea	i30(FDe)	2009-2012	G2.0MPI	ClearlearningValue
HYUNDAI	Commonarea	i30(FDe)	2009-2012	G2.0MPI	IdleControlMode
HYUNDAI	Commonarea	i30(GD)	2016-2018	F1.6MPI	
HYUNDAI	Commonarea	i30(GD)	2016-2018	G1.6MPI	
HYUNDAI	Commonarea	i30(GD)	2016-2018	G1.8MPI	
HYUNDAI	Commonarea	i30(GD)	2016-2018	G2.0MPI	
HYUNDAI	Commonarea	i30(GD)	2013-2015	F1.6MPI	
HYUNDAI	Commonarea	i30(GD)	2013-2015	G1.6MPI	
HYUNDAI	Commonarea	i30(GD)	2013-2015	G1.8MPI	
HYUNDAI	Commonarea	i30(GD)	2013-2015	G2.0MPI	
HYUNDAI	Commonarea	i30(GD)	2013-2015	G1.6GDI	
HYUNDAI	Commonarea	i30(GDe)	2016-2017	G1.4MPI	

HYUNDAI	Commonarea	i30(GDe)	2016-2017	G1.6MPI	
HYUNDAI	Commonarea	i30(GDe)	2016-2017	G1.6GDI	
HYUNDAI	Commonarea	i30(GDe)	2016-2017	G1.6T-GDI	
HYUNDAI	Commonarea	i30(GDe)	2013-2015	G1.4MPI	
HYUNDAI	Commonarea	i30(GDe)	2013-2015	G1.6MPI	
HYUNDAI	Commonarea	i30(GDe)	2013-2015	G1.6GDI	
HYUNDAI	Commonarea	i30(PD)	2018-2019	G1.4T-GDI	
HYUNDAI	Commonarea	i30(PD)	2018-2019	G1.6T-GDI	
HYUNDAI	Commonarea	i30(PD)	2018-2019	G1.6MPI	
HYUNDAI	Commonarea	i30(PD)	2018-2019	G2.0GDI	
HYUNDAI	Commonarea	i30(PDE)	2019-2020	G1.0T-GDI	
HYUNDAI	Commonarea	i30(PDE)	2019-2020	G1.4T-GDI	
HYUNDAI	Commonarea	i30(PDE)	2019-2020	G1.4MPI	
HYUNDAI	Commonarea	i30(PDE)	2019-2020	G1.6MPI	
HYUNDAI	Commonarea	i30(PDE)	2019-2020	D1.6TCI-NEW-U	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	i30(PDE)	2017-2018	G1.0T-GDI	
HYUNDAI	Commonarea	i30(PDE)	2017-2018	G1.4T-GDI	
HYUNDAI	Commonarea	i30(PDE)	2017-2018	G1.4MPI	
HYUNDAI	Commonarea	i30(PDE)	2017-2018	G1.6MPI	
HYUNDAI	Commonarea	i30N(PDEN)	2018	G2.0T-GDI	
HYUNDAI	Commonarea	i30N(PDEN)	2019-2020	G2.0T-GDI	
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2011-2012	G1.4MPI	
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2011-2012	G1.6MPI	
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2011-2012	G2.0MPI	ClearlearningValue
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2011-2012	G2.0MPI	IdleControlMode
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2009-2010	G1.4MPI	
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2009-2010	G1.6MPI	
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2009-2010	G2.0MPI	ClearlearningValue
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2009-2010	G2.0MPI	IdleControlMode
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2008	G1.4/1.6MPI	ClearlearningValue
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2008	G1.4/1.6MPI	IdleControlMode
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2008	G1.4/1.6MPI	ClearlearningValue
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2008	G1.4/1.6MPI	ClearlearningValue
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2008	G1.4/1.6MPI	IdleControlMode
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2008	G2.0MPI	ClearlearningValue
HYUNDAI	Commonarea	i30/ElantraNeos(FD)	2008	G2.0MPI	IdleControlMode
HYUNDAI	Commonarea	i40(VF)	2012-2018	G1.6GDI	
HYUNDAI	Commonarea	i40(VF)	2012-2018	G2.0GDI	
HYUNDAI	Commonarea	i40(VF)	2012-2018	G2.0MPI	
HYUNDAI	Commonarea	i40(VF)	2019	G1.6GDI	

HYUNDAI	Commonarea	i40(VF)	2019	G2.0GDI	
HYUNDAI	Commonarea	IONIQmix(AEHEV)	2017-2019	G1.6GDIHEV	
HYUNDAI	Commonarea	IONIQPHEV(AEPHEV)	2017-2019	G1.6GDIPHEV	
HYUNDAI	Commonarea	ix20(JC)	2011-2019	G1.4MPI	
HYUNDAI	Commonarea	ix20(JC)	2011-2019	G1.6MPI	
HYUNDAI	Commonarea	ix35(EL)	2014-2016	G1.6GDI	
HYUNDAI	Commonarea	ix35(EL)	2014-2016	G2.0GDI	
HYUNDAI	Commonarea	ix35(EL)	2014-2016	G2.0MPI	
HYUNDAI	Commonarea	ix35(EL)	2011-2013	G1.6GDI	
HYUNDAI	Commonarea	ix35(EL)	2011-2013	G2.0MPI	
HYUNDAI	Commonarea	ix35(EL)	2010	G2.0MPI	
HYUNDAI	Commonarea	Kona(OS)	2018	G1.0T-GDI	
HYUNDAI	Commonarea	Kona(OS)	2018	G1.6T-GDI	
HYUNDAI	Commonarea	Kona(OS)	2018	G2.0MPI	
HYUNDAI	Commonarea	Kona(OS)	2019-2020	G1.0T-GDI	
HYUNDAI	Commonarea	Kona(OS)	2019-2020	G1.6T-GDI	
HYUNDAI	Commonarea	Kona(OS)	2019-2020	G2.0MPI	
HYUNDAI	Commonarea	Matrix(FC)	2002-2011	G1.8DOHC	ClearlearningValue
HYUNDAI	Commonarea	Matrix(FC)	2002-2011	G1.8DOHC	IdleControlMode
HYUNDAI	Commonarea	Palisade(LX2)	2020	G3.5MPI	
HYUNDAI	Commonarea	Palisade(LX2)	2020	G3.8GDI	
HYUNDAI	Commonarea	Reina(CB)	2020	G1.4MPI	
HYUNDAI	Commonarea	Santafe(TM)	2019-2020	G3.5MPI	
HYUNDAI	Commonarea	Santafe(TM)	2019-2020	G2.4MPI	
HYUNDAI	Commonarea	Santafe(TM)	2019-2020	G2.4GDI	
HYUNDAI	Commonarea	Santafe(TMA)	2019	G2.4GDI	
HYUNDAI	Commonarea	Santafe(TMA)	2019	G2.0T-GDI	
HYUNDAI	Commonarea	Santro(AH2)	2019-2020	G1.1MPI	
HYUNDAI	Commonarea	Santro(AH2)	2019-2020	G1.0MPI	
HYUNDAI	Commonarea	SantafeSport(DMA)	2017-2018	G2.0T-GDI	
HYUNDAI	Commonarea	SantafeSport(DMA)	2017-2018	G2.4GDI	
HYUNDAI	Commonarea	SantafeSport(DMA)	2013-2016	G2.0T-GDI	
HYUNDAI	Commonarea	SantafeSport(DMA)	2013-2016	G2.4GDI	
HYUNDAI	Commonarea	Santafe(CM)	2010-2013	G2.4MPI	ClearlearningValue
HYUNDAI	Commonarea	Santafe(CM)	2010-2013	G2.4MPI	IdleControlMode
HYUNDAI	Commonarea	Santafe(DM)	2016-2018	G2.4GDI	
HYUNDAI	Commonarea	Santafe(DM)	2016-2018	G2.4MPI	
HYUNDAI	Commonarea	Santafe(DM)	2016-2018	D2.0/2.2TCI-R	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	Santafe(DM)	2013-2015	G2.4GDI	
HYUNDAI	Commonarea	Santafe(DM)	2013-2015	G2.4MPI	

HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.0/2.4DOHC	ClearlearningValue
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.0/2.4DOHC	IdleControlMode
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.5/2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.5/2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.5/2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.5/2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.5/2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.5/2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.5/2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	Sonata(EF)	1999-2001	G2.5/2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	Sonata(LF)	2018-2019	G1.6T-GDI	
HYUNDAI	Commonarea	Sonata(LF)	2018-2019	G2.0MPI	
HYUNDAI	Commonarea	Sonata(LF)	2018-2019	G2.4MPI	
HYUNDAI	Commonarea	Sonata(LF)	2018-2019	G2.0T-GDI	
HYUNDAI	Commonarea	Sonata(LF)	2018-2019	G2.4GDI	
HYUNDAI	Commonarea	Sonata(LF)	2017	G1.6T-GDI	
HYUNDAI	Commonarea	Sonata(LF)	2017	G2.0MPI	
HYUNDAI	Commonarea	Sonata(LF)	2017	G2.4MPI	
HYUNDAI	Commonarea	Sonata(LF)	2017	G2.0T-GDI	
HYUNDAI	Commonarea	Sonata(LF)	2017	G2.4GDI	
HYUNDAI	Commonarea	Sonata(LFA)	2018-2019	G1.6T-GDI	
HYUNDAI	Commonarea	Sonata(LFA)	2018-2019	G2.0T-GDI	
HYUNDAI	Commonarea	Sonata(LFA)	2018-2019	G2.4GDI	
HYUNDAI	Commonarea	Sonata(LFA)	2015-2017	G1.6T-GDI	
HYUNDAI	Commonarea	Sonata(LFA)	2015-2017	G2.0T-GDI	
HYUNDAI	Commonarea	Sonata(LFA)	2015-2017	G2.4GDI	
HYUNDAI	Commonarea	Sonata(NF)	2009-2010	G2.0DOHC	
HYUNDAI	Commonarea	Sonata(NF)	2009-2010	G2.4DOHC	
HYUNDAI	Commonarea	Sonata(NF)	2005-2008	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	Sonata(NF)	2005-2008	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	Sonata(NF)	2005-2008	G2.4DOHC	ClearlearningValue
HYUNDAI	Commonarea	Sonata(NF)	2005-2008	G2.4DOHC	IdleControlMode
HYUNDAI	Commonarea	Sonata(YFI)	2012-2015	G2.4GDI	
HYUNDAI	Commonarea	Sonata(YFA)-U.S.	2011-2014	G2.0T-GDI	
HYUNDAI	Commonarea	Sonata(YFA)-U.S.	2011-2014	G2.4GDI	
HYUNDAI	Commonarea	Sonata/i45(YF)	2013-2015	G2.0MPI	
HYUNDAI	Commonarea	Sonata/i45(YF)	2013-2015	G2.4MPI	
HYUNDAI	Commonarea	Sonata/i45(YF)	2013-2015	G2.4GDI	
HYUNDAI	Commonarea	Sonata/i45(YF)	2011-2012	G2.0MPI	
HYUNDAI	Commonarea	Sonata/i45(YF)	2011-2012	G2.4MPI	
HYUNDAI	Commonarea	Sonata/i45(YF)	2011-2012	G2.4GDI	

HYUNDAI	Commonarea	TrajexXG(FO)	2005-2007	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	TrajexXG(FO)	2005-2007	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	TrajexXG(FO)	2005-2007	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TrajexXG(FO)	2005-2007	G2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	TrajexXG(FO)	2004	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	TrajexXG(FO)	2004	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	TrajexXG(FO)	2004	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TrajexXG(FO)	2004	G2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	TrajexXG(FO)	2003	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TrajexXG(FO)	2003	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TrajexXG(FO)	2003	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TrajexXG(FO)	2003	G2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	TrajexXG(FO)	2003	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TrajexXG(FO)	2003	G2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	TrajexXG(FO)	1999-2002	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2012-2013	F2.0E-FFV	
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2008-2010	G2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2005-2007	G2.0DOHC	ClearlearningValue
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2005-2007	G2.0DOHC	IdleControlMode
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2005-2007	G2.7DOHC	ClearlearningValue
HYUNDAI	Commonarea	TucsonFFV(JMFFV)	2005-2007	G2.7DOHC	IdleControlMode
HYUNDAI	Commonarea	Tucson(LM)-Brazil	2017-2018	F2.0MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2014-2016	F2.0MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2014-2016	G2.0MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2014-2016	G2.4MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2014-2016	G2.0GDI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2014-2016	G2.4GDI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2012-2013	F2.0MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2012-2013	G2.0MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2012-2013	G2.4MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2012-2013	G1.6GDI	

HYUNDAI	Commonarea	Tucson/ix35(LM)	2011	G1.6GDI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2011	G2.0MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2011	G2.4MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2010	G2.0MPI	
HYUNDAI	Commonarea	Tucson/ix35(LM)	2010	G2.4MPI	
HYUNDAI	Commonarea	Tucson(TL)	2015-2018	F2.0MPI	
HYUNDAI	Commonarea	Tucson(TL)	2015-2018	G2.0MPI	
HYUNDAI	Commonarea	Tucson(TL)	2015-2018	G2.0GDI	
HYUNDAI	Commonarea	Tucson(TL)	2015-2018	G1.6T-GDI	
HYUNDAI	Commonarea	Tucson(TL)	2015-2018	D2.0TCI-R	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	Tucson(TL)	2019	G2.0MPI	
HYUNDAI	Commonarea	Tucson(TL)	2019	G2.0GDI	
HYUNDAI	Commonarea	Tucson(TL)	2019	G1.6T-GDI	
HYUNDAI	Commonarea	Tucson(TL)	2019	D2.0TCI-R	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	Tucson(TLe)	2015-2018	G1.6T-GDI	
HYUNDAI	Commonarea	Tucson(TLe)	2015-2018	G1.6GDI	
HYUNDAI	Commonarea	Tucson(TLe)	2015-2018	G2.4GDI	
HYUNDAI	Commonarea	Tucson(TLe)	2015-2018	G2.0MPI	
HYUNDAI	Commonarea	Tucson(TLe)	2015-2018	D2.0TCI-R	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	Tucson(TLe)	2019	G1.6T-GDI	
HYUNDAI	Commonarea	Tucson(TLe)	2019	G1.6GDI	ECM(AFTERFL)
HYUNDAI	Commonarea	Tucson(TLe)	2019	G1.6GDI	ECM(BEFOREFL)
HYUNDAI	Commonarea	Tucson(TLe)	2019	G2.4GDI	
HYUNDAI	Commonarea	Tucson(TLe)	2019	G2.0MPI	
HYUNDAI	Commonarea	Tucson(TLe)	2019	D2.0TCI-R/MHEV	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	Tucson(TLI)	2017-2018	G2.0MPI	
HYUNDAI	Commonarea	Tucson(TLI)	2017-2018	D2.0TCI-R	Throttlevalve(ACV)replacement
HYUNDAI	Commonarea	VELOSTER(FS)	2013-2018	G1.6MPI	
HYUNDAI	Commonarea	VELOSTER(FS)	2013-2018	G1.6GDI	
HYUNDAI	Commonarea	VELOSTER(FS)	2013-2018	G1.6T-GDI	
HYUNDAI	Commonarea	VELOSTER(FS)	2011-2012	G1.6MPI	
HYUNDAI	Commonarea	VELOSTER(FS)	2011-2012	G1.6GDI	
HYUNDAI	Commonarea	Verna(RBI)	2011-2017	G1.4MPI	
HYUNDAI	Commonarea	Verna(RBI)	2011-2017	G1.6MPI	
HYUNDAI	Commonarea	VelosterN(JSN)	2019	G2.0T-GDI	
HYUNDAI	Commonarea	VelosterN(JS)	2019-2020	G2.0MPI	

HYUNDAI	Commonarea	VelosterN(JS)	2019-2020	G1.6T-GDI	
HYUNDAI	America	Accent(HC)	2018-2019	G1.6GDI	
HYUNDAI	America	Accent(MC)	2006-2011	G1.6DOHC	
HYUNDAI	America	Accent(RB)	2012-2017	G1.6GDI	
HYUNDAI	America	Elantra(AD)	2017-2020	G1.6T-GDI	
HYUNDAI	America	Elantra(AD)	2017-2020	G2.0MPI	
HYUNDAI	America	Elantra(ADA)	2017-2020	G1.4T-GDI	
HYUNDAI	America	Elantra(ADA)	2017-2020	G2.0MPI	
HYUNDAI	America	ElantraGT(PD)	2018-2019	G1.6T-GDI	
HYUNDAI	America	ElantraGT(PD)	2018-2019	G2.0GDI	
HYUNDAI	America	Elantra(MD)	2014-2016	G1.8MPI	
HYUNDAI	America	Elantra(MD)	2014-2016	G2.0GDI	
HYUNDAI	America	Elantra(MD)	2011-2013	G1.8MPI	
HYUNDAI	America	Elantra(UD)	2011-2016	G1.8MPI	
HYUNDAI	America	Elantra(XD)		G2.0DOHC	ClearlearningValue
HYUNDAI	America	Elantra(XD)	2004-2006	G2.0DOHC	IdleControlMode
HYUNDAI	America	Elantra(XD)		G2.0DOHC	IdleControlMode
HYUNDAI	America	Elantra(XD)		G2.0DOHC	IdleControlMode
HYUNDAI	America	Elantra(XD)	2001-2002	G2.0DOHC	IdleControlMode
HYUNDAI	America	ElantraCoupe(JK)	2013-2015	G1.8MPI	
HYUNDAI	America	ElantraCoupe(JK)	2014	G2.0GDI	
HYUNDAI	America	ElantraGT(GD)	2013-2017	G1.8MPI	
HYUNDAI	America	ElantraGT(GD)	2014-2017	G2.0GDI	
HYUNDAI	America	ElantraTouring(FD)	2009-2012	G2.0MPI	ClearlearningValue
HYUNDAI	America	ElantraTouring(FD)	2009-2012	G2.0MPI	IdleControlMode
HYUNDAI	America	Equus(VI)	2012-2016	G5.0GDI	
HYUNDAI	America	Equus(VI)	2011	G4.6MPI	
HYUNDAI	America	G80(DH)	2018-2020	G3.3T-GDI	
HYUNDAI	America	G80(DH)	2018-2020	G3.8GDI	
HYUNDAI	America	G80(DH)	2018-2020	G5.0GDI	
HYUNDAI	America	G80(DH)	2017	G5.0GDI	
HYUNDAI	America	G90(HI)	2017-2019	G3.3T-GDI	
HYUNDAI	America	G90(HI)	2017-2019	G5.0GDI	
HYUNDAI	America	G90(HI)	2020	G3.3T-GDI	
HYUNDAI	America	G90(HI)	2020	G3.8GDI	
HYUNDAI	America	G90(HI)	2020	G5.0GDI	
HYUNDAI	America	G70(IK)	2019-2020	G2.0/3.3T-GDI	
HYUNDAI	America	Genesis(BH)	2012-2014	G4.6MPI	
HYUNDAI	America	Genesis(BH)	2012-2014	G5.0GDI	
HYUNDAI	America	Genesis(BH)	2009-2011	G4.6MPI	
HYUNDAI	America	Genesis(DH)	2015-2017	G5.0GDI	

HYUNDAI	America	GenesisCoupe(BK)	2013-2017	G2.0T-MPI	
HYUNDAI	America	GenesisCoupe(BK)	2010-2012	G2.0T-MPI	
HYUNDAI	America	IONIQmix(AEHEV)	2017-2019	G1.6GDIHEV	
HYUNDAI	America	IONIQPHEV(AEPHEV)	2018-2019	G1.6GDIPHEV	
HYUNDAI	America	Kona(OS)	2018-2019	G1.6T-GDI	
HYUNDAI	America	Kona(OS)	2018-2019	G2.0MPI	
HYUNDAI	America	Palisade(LX2)	2020	G3.8GDI	
HYUNDAI	America	Santafe(TMA)	2019	G2.4GDI	
HYUNDAI	America	Santafe(TMA)	2019	G2.0T-GDI	
HYUNDAI	America	Santafe(TMA)	2003-2006	G2.7DOHC	ClearlearningValue
HYUNDAI	America	Santafe(TMA)	2003-2006	G2.7DOHC	IdleControlMode
HYUNDAI	America	SantafeSport(DMA)	2017-2018	G2.0T-GDI	
HYUNDAI	America	SantafeSport(DMA)	2017-2018	G2.4GDI	
HYUNDAI	America	SantafeSport(DMA)	2013-2016	G2.0T-GDI	
HYUNDAI	America	SantafeSport(DMA)	2013-2016	G2.4GDI	
HYUNDAI	America	SonataHEV(LFHEV)	2016-2019	G2.0HEV	
HYUNDAI	America	SonataPHEV(LFPHEV)	2016-2019	G2.0HEV	
HYUNDAI	America	Sonata(LFA)	2018-2019	G1.6T-GDI	
HYUNDAI	America	Sonata(LFA)	2018-2019	G2.0T-GDI	
HYUNDAI	America	Sonata(LFA)	2018-2019	G2.4GDI	
HYUNDAI	America	Sonata(LFA)	2015-2017	G1.6T-GDI	
HYUNDAI	America	Sonata(LFA)	2015-2017	G2.0T-GDI	
HYUNDAI	America	Sonata(LFA)	2015-2017	G2.4GDI	
HYUNDAI	America	Sonata(YFA)	2011-2014	G2.0T-GDI	
HYUNDAI	America	Sonata(YFA)	2011-2014	G2.4GDI	
HYUNDAI	America	Sonata(NF)	2006-2010	G2.4DOHC	ClearlearningValue
HYUNDAI	America	Sonata(NF)	2006-2008	G2.4DOHC	IdleControlMode
HYUNDAI	America	Sonata(EF)	2002-2005	G2.7DOHC	ClearlearningValue
HYUNDAI	America	Sonata(EF)	2002-2005	G2.7DOHC	IdleControlMode
HYUNDAI	America	Sonata(EF)	1999-2001	G2.5DOHC	ClearlearningValue
HYUNDAI	America	Sonata(EF)	1999-2001	G2.5DOHC	IdleControlMode
HYUNDAI	America	SonataHybrid(YFHEV)	2011-2015	G2.4HEV	
HYUNDAI	America	Tucson(TL)	2016-2018	G1.6T-GDI	
HYUNDAI	America	Tucson(TL)	2016-2018	G2.0GDI	
HYUNDAI	America	Tucson(TL)	2016-2018	G2.4GDI	
HYUNDAI	America	Tucson(TL)	2019	G1.6T-GDI	
HYUNDAI	America	Tucson(TL)	2019	G2.0GDI	
HYUNDAI	America	Tucson(TL)	2019	G2.4GDI	
HYUNDAI	America	Tiburon(GK)	2003-2006	G2.0DOHC	ClearlearningValue
HYUNDAI	America	Tiburon(GK)	2003-2008	G2.7DOHC	ClearlearningValue
HYUNDAI	America	Tiburon(GK)	2004-2006	G2.0DOHC	IdleControlMode

HYUNDAI	America	Tiburon(GK)	2003	G2.0DOHC	IdleControlMode
HYUNDAI	America	Tiburon(GK)	2003-2008	G2.7DOHC	IdleControlMode
HYUNDAI	America	Tucson(LM)	2014-2015	G2.0GDI	
HYUNDAI	America	Tucson(LM)	2014-2015	G2.4GDI	
HYUNDAI	America	Tucson(LM)	2010-2013	G2.0/2.4MPI	
HYUNDAI	America	Tucson(JM)	2007-2009	G2.0DOHC	ClearlearningValue
HYUNDAI	America	Tucson(JM)	2007-2009	G2.0DOHC	IdleControlMode
HYUNDAI	America	Tucson(JM)	2007-2009	G2.7DOHC	ClearlearningValue
HYUNDAI	America	Tucson(JM)	2007-2009	G2.7DOHC	IdleControlMode
HYUNDAI	America	Tucson(JM)	2005/2006	G2.0DOHC	ClearlearningValue
HYUNDAI	America	Tucson(JM)	2005/2006	G2.0DOHC	IdleControlMode
HYUNDAI	America	Tucson(JM)	2005/2006	G2.7DOHC	ClearlearningValue
HYUNDAI	America	Tucson(JM)	2005/2006	G2.7DOHC	IdleControlMode
HYUNDAI	America	VELOSTER(FS)	2013-2018	G1.6GDI	
HYUNDAI	America	VELOSTER(FS)	2013-2018	G1.6T-GDI	
HYUNDAI	America	VELOSTER(FS)	2012	G1.6GDI	
HYUNDAI	America	VelosterN(JSN)	2019-2020	G2.0T-GDI	
HYUNDAI	America	VelosterN(JS)	2019-2020	G2.0MPI	
HYUNDAI	America	VelosterN(JS)	2019-2020	G1.6T-GDI	
HYUNDAI	Prompt(Tip)				
KIA	DongfengYuedaKIA	FORTE(ND)	2017-2020	G1.6GammaMPI	
KIA	DongfengYuedaKIA	K2(QBC)	2011-2019	G1.6MPIGAMMA	
KIA	DongfengYuedaKIA	K2(QBC)	2011-2019	G1.4MPIKAPPA	
KIA	DongfengYuedaKIA	K3(BDC)	2019-2021	G1.4T-GDI	
KIA	DongfengYuedaKIA	K3(BDC)	2019-2021	G1.5MPI	
KIA	DongfengYuedaKIA	K3(YD)	2014-	G1.6T-GDI	
KIA	DongfengYuedaKIA	K3(YD)	2014-	G2.0NUMPI	
KIA	DongfengYuedaKIA	K3(YDC)	2012-2015		
KIA	DongfengYuedaKIA	K3(YDC)	2016-2018	G1.4T-GDIKAPPA	
KIA	DongfengYuedaKIA	K3(YDC)	2016-2018	G1.6MPIGAMMA	
KIA	DongfengYuedaKIA	K3(YDC)	2016-2018	G1.8DOHC	
KIA	DongfengYuedaKIA	K3(YDC)	2019	G1.4T-GDIKAPPA	
KIA	DongfengYuedaKIA	K3(YDC)	2019	G1.6MPIGAMMA	
KIA	DongfengYuedaKIA	K3PHEV(BDCPHEV)	2019-2021	G1.6GDIKAPPA	
KIA	DongfengYuedaKIA	K4(PFC)	2014-2016		
KIA	DongfengYuedaKIA	K4(PFC)	2017-2020	Type1(NU)	
KIA	DongfengYuedaKIA	K4(PFC)	2017-2020	Type2(Gamma)	
KIA	DongfengYuedaKIA	K5HEV(JFCHEV)	2013-2015		
KIA	DongfengYuedaKIA	K5(DL3C)	2020-2021	G2.0T-GDINUPE	
KIA	DongfengYuedaKIA	K5(JFC)	2015-2018	G1.6T-GDIGAMMA	
KIA	DongfengYuedaKIA	K5(JFC)	2015-2018	G2.0MPINU	

KIA	DongfengYuedaKIA	K5(JFC)	2015-2018	G2.0T-GDITHETA II	
KIA	DongfengYuedaKIA	K5(JFC)	2019-2020	G1.6T-GDIGAMMA	
KIA	DongfengYuedaKIA	K5(JFC)	2019-2020	G2.0MPINU	
KIA	DongfengYuedaKIA	K5(JFC)	2019-2020	G2.0T-GDITHETA II	
KIA	DongfengYuedaKIA	K5(TFC)	2011-2012		
KIA	DongfengYuedaKIA	K5(TFC)	2013-2017	G2.0MPINU	
KIA	DongfengYuedaKIA	K5(TFC)	2013-2017	G2.0T-GDITHETA II	
KIA	DongfengYuedaKIA	K5(TFC)	2013-2017	G2.4MPITHETA II	
KIA	DongfengYuedaKIA	KX1(QE)	2018-2021	G1.4MPIKAPPA	
KIA	DongfengYuedaKIA	KX3(KC)	2015-2017		
KIA	DongfengYuedaKIA	KX3(KC)	2018-2019	G1.6T-GDIGAMMA	
KIA	DongfengYuedaKIA	KX3(KC)	2018-2019	G1.6MPIGAMMA	
KIA	DongfengYuedaKIA	KX5(QLC)	2016-2019		
KIA	DongfengYuedaKIA	KX5(QLC)	2020-2021	G1.6T-GDI	
KIA	DongfengYuedaKIA	KX5(QLC)	2020-2021	G2.0GDI-NU	
KIA	DongfengYuedaKIA	KX7(QMC)	2017-2021	G2.0GDINU	
KIA	DongfengYuedaKIA	KX7(QMC)	2017-2021	G2.0T-GDITHETA II	
KIA	DongfengYuedaKIA	KX7(QMC)	2017-2021	G2.4GDITHETA	
KIA	DongfengYuedaKIA	SportageR(SLC)	2010-2013	G2.0DOHC	Type1(NU)
KIA	DongfengYuedaKIA	SportageR(SLC)	2010-2013	G2.0DOHC	Type2
KIA	DongfengYuedaKIA	SportageR(SLC)	2010-2013	G2.4DOHC	
KIA	DongfengYuedaKIA	SportageR(SLC)	2014	G2.0MPINU	
KIA	DongfengYuedaKIA	SportageR(SLC)	2014	G2.4MPITHETA II	Type1(NU)
KIA	DongfengYuedaKIA	SportageR(SLC)	2014	G2.4MPITHETA II	Type2
KIA	DongfengYuedaKIA	SportageR(SLC)	2015-2019	G2.0MPINU	
KIA	DongfengYuedaKIA	SportageR(SLC)	2015-2019	G2.4MPITHETA II	
KIA	DongfengYuedaKIA	Forte(TDC)	2013-2020		
KIA	DongfengYuedaKIA	Forte(TDC)	2009-2012	G2.0DOHC	
KIA	DongfengYuedaKIA	JiaHua(GQ)	2006-2010	G2.7DOHC	
KIA	DongfengYuedaKIA	RIO(JBC)	2007-2014		
KIA	DongfengYuedaKIA	Cerato(LDC)	2016-2018	G1.6MPI	
KIA	DongfengYuedaKIA	Cerato(LDC)	2005-2015	G1.6DOHC	
KIA	DongfengYuedaKIA	Cerato(LDC)	2005-2015	G1.8DOHC	ClearlearningValue
KIA	DongfengYuedaKIA	Cerato(LDC)	2005-2015	G1.8DOHC	IdleControlMode
KIA	DongfengYuedaKIA	Sportage(KMC)	2007-2016	ClearlearningValue	
KIA	DongfengYuedaKIA	Sportage(KMC)	2007-2016	IdleControlMode	
KIA	DongfengYuedaKIA	Soul(AMC)	2010-2015	G1.6DOHC	
KIA	DongfengYuedaKIA	Soul(AMC)	2010-2015	G2.0DOHC	
KIA	DongfengYuedaKIA	YuanJian(MSC)	2004-2014		
KIA	DongfengYuedaKIA	NewSportage	2018	G2.0MPINU	
KIA	DongfengYuedaKIA	NewSportage	2019-2020	G1.4T-GDI	

KIA	DongfengYuedaKIA	NewSportage	2019-2020	G2.0MPINU	
KIA	DongfengYuedaKIA	NewSportage	2021	G1.5T-GDIGAMMAII	
KIA	DongfengYuedaKIA	NewSportage	2021	G2.0MPI	
KIA	Commonarea	Cadenza(VG)	2012	G2.4DOHC	
KIA	Commonarea	Cadenza(VG)	2012	G3.0Double overhead camshaft	
KIA	Commonarea	Cadenza(VG)	2013	G3.0Double overhead camshaft	
KIA	Commonarea	Cadenza(VG)	2013	G2.4DOHC	
KIA	Commonarea	Cadenza(VG)	2013	G2.4MPI-THETA2	
KIA	Commonarea	Cadenza(YG)	2017-2018	G3.3GDI	
KIA	Commonarea	Cadenza(YG)	2019	G3.3GDI	
KIA	Commonarea	VQ	2006-2009	G2.7Double overhead camshaft	
KIA	Commonarea	VQ	2006-2009	G3.8DOHC	
KIA	Commonarea	VQ	2010	G2.7Double overhead camshaft	
KIA	Commonarea	VQ	2010	D2.2TCI-R	Throttle valve replacement
KIA	Commonarea	VQ	2010	G3.8DOHC	
KIA	Commonarea	VQ	2011-2015	G2.7Double overhead camshaft	
KIA	Commonarea	Carens(RP)	2016-2019	G2.0MPI-NU	
KIA	Commonarea	Carens(RP)	2016-2019	G2.0GDI-NU	
KIA	Commonarea	Carens(RP)	2016-2019	G1.6GDI	
KIA	Commonarea	Carens(RP)	2016-2019	D1.7TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	NEW Sedona(YP)	2015-2018	D2.2TCI-R	Throttlevalve(ACV)replacement
KIA	Commonarea	NEW Sedona(YP)	2019	G3.3MPI	
KIA	Commonarea	NEW Sedona(YP)	2019	G3.3GDI	
KIA	Commonarea	NEW Sedona(YP)	2019	D2.2TCI-R	Throttlevalve(ACV)replacement
KIA	Commonarea	Sedona(YP)-Israel	2019	G3.3GDI	
KIA	Commonarea	Cee'd(JD)	2016-2018	G1.6T-GDI	
KIA	Commonarea	Cee'd(JD)	2016-2018	G1.6MPI	
KIA	Commonarea	Cee'd(JD)	2016-2018	G1.6GDI	
KIA	Commonarea	Cee'd(JD)	2016-2018	G1.4MPI	
KIA	Commonarea	Cee'd(JD)	2016-2018	G1.0T-GDI	
KIA	Commonarea	Cee'd(JD)	2016-2018	D1.6TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	Cee'd(ED)	2010-2013	G2.0DOHC	
KIA	Commonarea	Cee'd(ED)	2010-2013	G1.4/1.6DOHC	
KIA	Commonarea	Cee'd(CD)	2019	G1.0/1.4/1.6T-GDI	
KIA	Commonarea	Cee'd(CD)	2019	G1.4/1.6MPI	
KIA	Commonarea	Cerato/Forte(BD)	2019	G2.0MPINU	
KIA	Commonarea	Cerato/Forte(BD)	2019	G1.6T-GDI	

KIA	Commonarea	Cerato/Forte(BD)	2019	G1.6MPI	
KIA	Commonarea	Cerato/Forte(BDM)	2019-2020	G2.0MPINU	
KIA	Commonarea	Cerato/Forte(BDM)	2019-2020	G1.6T-GDI	
KIA	Commonarea	Cerato/Forte(BDM)	2019-2020	G1.6MPI	
KIA	Commonarea	Cerato/Forte(YD)	2018-2019	G2.0MPINU	
KIA	Commonarea	Cerato/Forte(YD)	2018-2019	G1.6T-GDI	
KIA	Commonarea	Cerato/Forte(YD)	2018-2019	G1.6MPI	
KIA	Commonarea	Cerato/Forte(YD)	2018-2019	D1.6TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	Cerato/Forte(YDM)	2017-2019	G2.0MPINU	
KIA	Commonarea	Cerato/Forte(YDM)	2017-2019	G1.6MPI	
KIA	Commonarea	Cerato/Forte(YDM)	2017-2019	F1.6MPI	
KIA	Commonarea	Cerato/Forte(TD)	2009-2010	G2.0DOHC	
KIA	Commonarea	Cerato/Forte(TD)	2009-2010	G1.6DOHC	
KIA	Commonarea	Cerato/Forte(TD)	2011-2013	G2.0DOHC	
KIA	Commonarea	K900(RJ)	2019-2020	G5.0GDITAU	
KIA	Commonarea	K900(RJ)	2019-2020	G3.3/3.8GDI	
KIA	Commonarea	K2500/K2700/K3000/K3000S(PU)	2013-2015	D2.5TCI-A2	Throttlevalve(ACV)replacement
KIA	Commonarea	K2500/K2700/K3000/K3000S(PU)	2016-2019	I2.4THETA	
KIA	Commonarea	K2500/K2700/K3000/K3000S(PU)	2016-2019	D2.5TCI-A2	Throttlevalve(ACV)replacement
KIA	Commonarea	Borrego(HM)	2017-2019	G3.0TCI-S2	Throttlevalve(ACV)replacement
KIA	Commonarea	Niro(DEHEV)	2016-2019	G1.6GDI	
KIA	Commonarea	Niro(DEHEV)-Mexicoarea	2017-2019	G1.6GDI	
KIA	Commonarea	Niro(DEPHEV)	2018-2019	G1.6GDI	
KIA	Commonarea	Niro(DEPHEV)-Mexicoarea	2017-2019	G1.6GDI	
KIA	Commonarea	Optima(GH)	2007-2010	G2.7DOHC	
KIA	Commonarea	OptimaHEV(JFHEV)	2016-2019	G2.0NUGDI	
KIA	Commonarea	OptimaHEV(TFHEV)	2012-2014	G2.0HEV	
KIA	Commonarea	OptimaPHEV(JFPHEV)	2016-2019	G2.0NUGDI	
KIA	Commonarea	Optima(JF)	2016-2018	G2.0/2.4MPI	
KIA	Commonarea	Optima(JF)	2016-2018	G2.4GDI	
KIA	Commonarea	Optima(JF)	2016-2018	G2.0T-GDI	
KIA	Commonarea	Optima(JF)	2016-2018	G2.0CVVL-NU	
KIA	Commonarea	Optima(JF)	2016-2018	D1.7TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	Optima(JF)	2019-2020	G2.0/2.4MPI	
KIA	Commonarea	Optima(JF)	2019-2020	G2.4GDI	
KIA	Commonarea	Optima(JF)	2019-2020	G2.0T-GDI	

KIA	Commonarea	Optima(JF)	2019-2020	G2.0CVVL-NU	
KIA	Commonarea	Optima(JF)	2019-2020	D1.7TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	Optima(JF)	2019-2020	G1.6T-GDI	
KIA	Commonarea	Optima(JFA)	2016-2018	G2.4GDI	
KIA	Commonarea	Optima(JFA)	2016-2018	G2.0T-GDI	
KIA	Commonarea	Optima(JFA)	2016-2018	G1.6T-GDI	
KIA	Commonarea	Optima(JFA)	2019-2020	G2.4GDI	
KIA	Commonarea	Optima(JFA)	2019-2020	G2.0T-GDI	
KIA	Commonarea	Optima(JFA)	2019-2020	G1.6T-GDI	
KIA	Commonarea	Optima(TF)	2011-2013	G2.4GDI	
KIA	Commonarea	Optima(TF)	2011-2013	G2.4DOHC	
KIA	Commonarea	Optima(TF)	2011-2013	G2.0MPI-NU	
KIA	Commonarea	Optima(TF)	2011-2013	G2.0DOHC	
KIA	Commonarea	Optima(TF)	2011-2013	D1.7TCI-U2	Throttle valve replacement
KIA	Commonarea	Optima(TF)	2014-2016	G2.4MPITHETA2	
KIA	Commonarea	Optima(TF)	2014-2016	G2.4GDITHETA2	
KIA	Commonarea	Optima(TF)	2014-2016	G2.0T-GDITHETA2	
KIA	Commonarea	Optima(TF)	2014-2016	G2.0NUMPI	
KIA	Commonarea	Pegas/Soruto(AB)	2018-2020	G1.4MPI	
KIA	Commonarea	Picanto/Morning(JA)	2018-2019	F1.0	
KIA	Commonarea	Picanto/Morning(JA)	2018-2019	G1.0/1.2MPI	
KIA	Commonarea	Picanto/Morning(JA)	2018-2019	G1.0T-GDI	
KIA	Commonarea	Quoris(KH)	2015-2018	G5.0GDI-TAU	
KIA	Commonarea	RIOMaxima(QBR)	2012-2018	G1.4/1.6MPI	
KIA	Commonarea	RIOMaxima(UB)	2012-2018	G1.6GDI	
KIA	Commonarea	RIOMaxima(UB)	2012-2018	G1.4Doubleoverheadcamshaft	
KIA	Commonarea	RIOMaxima(UB)	2012-2018	G1.2DOHC	
KIA	Commonarea	RIOMaxima(UB)	2012-2018	D1.1/1.4TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	RIOMaxima(UB)	2012-2018	D1.1/1.4TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	RIOMaxima(FB)	2018-2019	G1.4/1.6MPI	
KIA	Commonarea	RIOMaxima(SC)	2017-2020	G1.4/1.6MPI	
KIA	Commonarea	RIOMaxima(SC)	2017-2020	F1.6MPI	
KIA	Commonarea	RIOMaxima(YB)	2017-2020	G1.2/1.4MPI	
KIA	Commonarea	RIOMaxima(YB)	2017-2020	G1.0T-GDI	
KIA	Commonarea	RIOMaxima(YB)	2017-2020	D1.4/1.6TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	Sorento(UM)	2015-2020	G3.5V6MPI	
KIA	Commonarea	Sorento(UM)	2015-2020	G2.4MPI	

KIA	Commonarea	Sorento(UM)	2015-2020	G2.4GDI	
KIA	Commonarea	Sorento(UM)	2015-2020	D2.0/2.2TCI-R	Throttlevalve(ACV)replacement
KIA	Commonarea	SONATA(UMA)	2016-2018	G2.4GDI	
KIA	Commonarea	SONATA(UMA)	2019	G2.4GDI	
KIA	Commonarea	SONATA(UMA)	2019	G3.3GDI	
KIA	Commonarea	Soul(AM)	2011-2014	G2.0DOHC	
KIA	Commonarea	Soul(AM)	2011-2014	G1.6MPI	
KIA	Commonarea	Soul(AM)	2011-2014	G1.6GDI	
KIA	Commonarea	Soul(AM)	2011-2014	F1.6DOHC	
KIA	Commonarea	Soul(SK3)	2019-2020	G2.0MPINU	
KIA	Commonarea	Soul(SK3)	2019-2020	G1.6T-GDI	
KIA	Commonarea	Soul(SK3)	2019-2020	G1.6MPI	
KIA	Commonarea	Soul(SK3)-Mexicoarea	2019-2020	G2.0MPINU	
KIA	Commonarea	Soul(SK3)-Mexicoarea	2019-2020	G1.6T-GDI	
KIA	Commonarea	Soul(PS)	2016	G2.0MPINU	
KIA	Commonarea	Soul(PS)	2016	G1.6T-GDI	
KIA	Commonarea	Soul(PS)	2016	G1.6MPI	
KIA	Commonarea	Soul(PS)	2016	G1.6GDI	
KIA	Commonarea	Soul(PS)	2016	F1.6MPI	
KIA	Commonarea	Soul(PS)	2017-2019	G2.0MPINU	
KIA	Commonarea	Soul(PS)	2017-2019	G1.6T-GDI	
KIA	Commonarea	Soul(PS)	2017-2019	G1.6MPI	
KIA	Commonarea	Soul(PS)	2017-2019	G1.6GDI	
KIA	Commonarea	Soul(PS)	2017-2019	F1.6MPI	
KIA	Commonarea	Soul(PS)-Mexicoarea	2016-2019	G2.0MPINU	
KIA	Commonarea	Soul(PS)-Mexicoarea	2016-2019	G1.6T-GDI	
KIA	Commonarea	Soul(PS)-Mexicoarea	2016-2019	G1.6MPI	
KIA	Commonarea	Soul(PS)-Mexicoarea	2016-2019	G1.6GDI	
KIA	Commonarea	Sportage(SLE)	2011-2016	G2.0MPI-NU	
KIA	Commonarea	Sportage(SLE)	2011-2016	G1.6/2.0GDI	
KIA	Commonarea	Sportage(SLE)	2011-2016	D1.7/2.0TCI	Throttle valve replacement(Type 1)
KIA	Commonarea	Sportage(SLE)	2011-2016	D1.7/2.0TCI	Throttle valve replacement(Type 2)
KIA	Commonarea	Sportage(SLE)	2011-2016	D2.4DOHC	
KIA	Commonarea	Sportage(QL)	2016-2018	G2.4GDI	
KIA	Commonarea	Sportage(QL)	2016-2018	G2.0MPINU	
KIA	Commonarea	Sportage(QL)	2016-2018	G2.0MPI	
KIA	Commonarea	Sportage(QL)	2016-2018	D2.0TCI-R	Throttlevalve(ACV)replacement

KIA	Commonarea	Sportage(QL)	2019	G2.4GDI	
KIA	Commonarea	Sportage(QL)	2019	G2.0MPINU	
KIA	Commonarea	Sportage(QL)	2019	G2.0MPI	
KIA	Commonarea	Sportage(QL)	2019	D2.0TCI-R	Throttlevalve(ACV)replacement
KIA	Commonarea	Sportage(QLE)	2016-2018	G2.4GDI	
KIA	Commonarea	Sportage(QLE)	2016-2018	G2.0MPINU	
KIA	Commonarea	Sportage(QLE)	2016-2018	G1.6T-GDI	
KIA	Commonarea	Sportage(QLE)	2016-2018	G1.6GDI	
KIA	Commonarea	Sportage(QLE)	2016-2018	D2.0TCI-R	Throttlevalve(ACV)replacement
KIA	Commonarea	Sportage(QLE)	2016-2018	D1.7U-II(Lowpower)	Throttlevalve(ACV)replacement
KIA	Commonarea	Sportage(QLE)	2019	G2.4GDI	
KIA	Commonarea	Sportage(QLE)	2019	G2.0MPINU	
KIA	Commonarea	Sportage(QLE)	2019	G1.6T-GDI	
KIA	Commonarea	Sportage(QLE)	2019	G1.6GDI	
KIA	Commonarea	Sportage(QLE)	2019	D2.0TCI-R	Throttlevalve(ACV)replacement
KIA	Commonarea	SportageR(QL)-Mexicoarea	2019	G2.4GDI	
KIA	Commonarea	SportageR(QL)-Mexicoarea	2019	G2.0T-GDI	
KIA	Commonarea	SportageR(QLE)-Mexicoarea	2016-2018	G2.0MPINU	
KIA	Commonarea	SportageR(QLE)-Mexicoarea	2016-2018	G1.6T-GDI	
KIA	Commonarea	SportageR(QLE)-Mexicoarea	2016-2018	G1.6GDI	
KIA	Commonarea	SportageR(QLE)-Mexicoarea	2016-2018	D2.0TCI-R	Throttlevalve(ACV)replacement
KIA	Commonarea	SportageR(QLE)-Mexicoarea	2019	G2.0MPINU	
KIA	Commonarea	SportageR(QLE)-Mexicoarea	2019	G1.6T-GDI	
KIA	Commonarea	SportageR(QLE)-Mexicoarea	2019	G1.6GDI	
KIA	Commonarea	SportageR(QLE)-Mexicoarea	2019	D2.0TCI-R	Throttlevalve(ACV)replacement
KIA	Commonarea	Stinger(CK)	2018	D2.2RVGT	Throttlevalve(ACV)replacement
KIA	Commonarea	Stinger(CK)	2018	G3.3T-GDI	
KIA	Commonarea	Stinger(CK)	2018	G2.0T-GDI	
KIA	Commonarea	Stinger(CK)	2019	D2.2RVGT	Throttlevalve(ACV)replacement
KIA	Commonarea	Stinger(CK)	2019	G3.3T-GDI	
KIA	Commonarea	Stinger(CK)	2019	G2.0T-GDI	
KIA	Commonarea	Stonic(YBCUV)	2018	D1.6NEWU2TCI	Throttlevalve(ACV)replacement

KIA	Commonarea	Stonic(YBCUV)	2018	G1.2/1.4MPI	
KIA	Commonarea	Stonic(YBCUV)	2018	G1.0T-GDI	
KIA	Commonarea	Stonic(YBCUV)	2018	D1.6U2TCI	Throttlevalve(ACV)replacement
KIA	Commonarea	Stonic(YBCUV)	2019-2020	G1.2/1.4MPI	
KIA	Commonarea	Venga(YN)	2010-2020	G1.4/1.6Doubleoverheadcamshaft	
KIA	Commonarea	Venga(YN)	2010-2020	D1.4/1.6TCI-U2	Throttlevalve(ACV)replacement
KIA	Commonarea	Venga(YN)	2010-2020	D1.4/1.6TCI-U2	Throttle valve replacement(Type 2)
KIA	Americaarea	Cadenza(YG)	2017-2019	G3.3GDI	
KIA	Americaarea	Borrego(HM)	2011	G4.6DOHC	Type 1
KIA	Americaarea	Forte(BDM)	2019	G2.0MPINU	
KIA	Americaarea	Forte(BDM)	2019	G1.6T-GDI	
KIA	Americaarea	Cerato/Forte(YD)	2014-2018	G2.0GDINU	
KIA	Americaarea	Cerato/Forte(YD)	2014-2018	G1.8MPI	
KIA	Americaarea	Cerato/Forte(YDM)	2017-2018	G1.6T-GDI	
KIA	Americaarea	Cerato/Forte(YDM)	2017-2018	G2.0GDINU	
KIA	Americaarea	Cerato/Forte(YDM)	2017-2018	G2.0MPINU	
KIA	Americaarea	Cerato/Forte(TD)	2010-2013		
KIA	Americaarea	K900(RJ)	2019	G3.3T-GDI	
KIA	Americaarea	K900(KH)	2015-2018	G5.0GDI	
KIA	Americaarea	Niro(DEHEV)	2017-2019	G1.6GDI	
KIA	Americaarea	Niro(DEPHEV)	2018-2019	G1.6GDI	
KIA	Americaarea	OptimaHybrid(JFHEV)	2016-2020	G2.0NUGDI	
KIA	Americaarea	OptimaPHEV(JFPHEV)	2017-2020	G2.0NUGDI	
KIA	Americaarea	Optima(JF)	2016-2019	G2.4GDI	
KIA	Americaarea	Optima(JFA)	2016-2019	G1.6T-GDI	
KIA	Americaarea	Optima(JFA)	2016-2019	G2.0T-GDI	
KIA	Americaarea	Optima(JFA)	2016-2019	G2.4GDI	
KIA	Americaarea	Opitma(TF/QF)	2011-2013	G2.0T-GDI	
KIA	Americaarea	Opitma(TF/QF)	2011-2013	G2.4GDI	
KIA	Americaarea	Opitma(TF/QF)	2014-2015	G2.0T-GDI	
KIA	Americaarea	RIOMaxima(SC)	2018	G1.6GDI	
KIA	Americaarea	RIOMaxima(SC)	2019	G1.6MPI	
KIA	Americaarea	RIOMaxima(SC)	2019	G1.6GDI	
KIA	Americaarea	RIOMaxima(UB)	2012-2017	G1.6GDI	
KIA	Americaarea	NEWCarens(UN)	2007-2010	G2.4DOHC	
KIA	Americaarea	NEWSeodna(YP)	2019-2020	G3.3GDI	
KIA	Americaarea	VQ(VQ)	2006-2010	G3.8DOHC	

KIA	Americaarea	Sorento(UMA)	2019	G3.3GDI	
KIA	Americaarea	Sorento(UMA)	2019	G2.4GDI	
KIA	Americaarea	Sorento(UMA)	2016-2018	G2.4GDI	
KIA	Americaarea	Sorento(UMA)	2016-2018	G2.0T-GDI	
KIA	Americaarea	Sorento(XM)	2011-2015	G2.4GDI	
KIA	Americaarea	Sorento(XM)	2011-2015	G2.4MPI	
KIA	Americaarea	Sorento(XMA)	2011-2013	G2.4GDI	
KIA	Americaarea	Sorento(XMA)	2011-2013	G2.4MPI	
KIA	Americaarea	Soul(PS)	2016	G1.6GDI	
KIA	Americaarea	Soul(PS)	2016	G1.6T-GDI	
KIA	Americaarea	Soul(PS)	2016	G2.0NUGDI	
KIA	Americaarea	Soul(PS)	2017-2019	G1.6GDI	
KIA	Americaarea	Soul(PS)	2017-2019	G1.6T-GDI	
KIA	Americaarea	Soul(PS)	2017-2019	G2.0NUGDI	
KIA	Americaarea	Soul(SK3)	2019-2020	G2.0MPI	
KIA	Americaarea	Soul(SK3)	2019-2020	G1.6T-GDI	
KIA	Americaarea	Sportage(QL)	2016-2020	G2.4GDI	
KIA	Americaarea	Sportage(QL)	2016-2020	G2.0T-GDI	
KIA	Americaarea	Sportage(SL)	2014-2016	G2.0T-GDI	
KIA	Americaarea	Sportage(SL)	2014-2016	G2.4GDI	
KIA	Americaarea	Sportage(SL)	2014-2016	G2.4MPI	
KIA	Americaarea	Sportage(SL)	2011-2013	G2.0T-GDI	
KIA	Americaarea	Sportage(SL)	2011-2013	G2.4DOHC	
KIA	Americaarea	Stinger(CK)	2018-2019	G3.3T-GDI	
KIA	Americaarea	Stinger(CK)	2018-2019	G2.0T-GDI	
KIA	Americaarea	Telluride(Open)	2020	G3.8GDI	
KIA	Prompt(Tip)				
LEXUS	Manual				
LEXUS	Auto				Type1
LEXUS	Auto				Type2
LEXUS	Auto				Type3
LEXUS	Help				
MITSUBISHI					
NISSAN					Type1K
NISSAN					Type2CAN
HONDA					Type1CAN
HONDA	Type2K				
TOYOTA	Manual				
TOYOTA	Auto				Type1
TOYOTA	Auto				Type2
TOYOTA	Auto				Type3

TOYOTA	Help				
INFINITI					Type1K
INFINITI					Type2CAN
MAZDA	China	MAZDA2			
MAZDA	China	MAZDA6			
MAZDA	China	MAZDA3			
MAZDA	Other	MAZDA2(EURO)			
MAZDA	Other	ATENZA(Japan)/MAZDA6(General)			
MAZDA	Other	Biante(Japan)	2012-		
MAZDA	Other	Biante(Japan)	2008-		
MAZDA	Other	MAZDA6			L5
MAZDA	Other	MAZDA6			CA
MAZDA	Other	Escape/Tribute/Mariner			
MAZDA	Other	Escape/Tribute/Maverick/Mariner			
MAZDA	Other	Escape/Tribute/Maverick	2001-2004		
MAZDA	Other	Ranger/MAZDAB-Series/Courier	1995-2006		
MAZDA	Other	MAZDA2(EUROSTG3/4Specs)			
MAZDA	Other	MAZDA3(EUROSTG3/4/5andGeneralSpecs)			
MAZDA	Other	Ranger/MAZDAB-Series/Troller			
PROTON		ARENA/JUMBUCK			
PROTON		EXORA			
PROTON		EXORABOLD			
PROTON		GEN2			
PROTON		INSPIRA			
PROTON		PERSONA			
PROTON		PERSONAELEGANCE(DOM)			
PROTON		PREVE			
PROTON		SAGA			
PROTON		SAGBLM			
PROTON		SAGAFL			
PROTON		SATRIANEO			
PROTON		SATRIANEOGTI			
PROTON		SAGAFLX			
PROTON		SUPRIMAS			
PROTON		WAJACAMPRO/IMPIAN			
PROTON		WIRA/PERSONAEXPORT			
SUZUKI		EQUATOR			
SUZUKI		LANDYC26			
SUZUKI		LANDYC27			
SUZUKI		SX4			1.6Diesel oil
SSANGYONG		KORANDO	2016-2017		D2.2DOHC

SSANGYONG		KORANDO	2011-2015	D2.0Double overhead camshaft	
SSANGYONG		TIVOLI-XLV		DieselEngine	D16DTF
SSANGYONG		TIVOLI-XLV		GasolineEngine	G16DF
SSANGYONG		REXTONW		D20DTR	
SSANGYONG		RODIUS-STAVICII		D20DTR	

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