

# Ryder Racing Gearbox Identification

## RalliSpec Ltd. -- Subaru Gearbox Chart

Model Range	Trans. Code	1st	2nd	3rd	4th	5th	6th	Rev.	T.R.	F.D.	CD. Type	FD Type	Notes
<b>6MT Transmission --</b>													
JDM Impreza WRX STi MY01-02	TY856WB1AA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	Viscous (4kgf)	Open	
<b>(also Prodrive Style &amp; STi Limited MY02)</b>													
JDM Impreza WRX STi & STi RA MY01-02	TY856WB1CA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	Viscous (4kgf)	A.P. Suretrac	
<b>(also Prodrive Style &amp; STi Limited MY02)</b>													
JDM Impreza WRX STi RA MY01	TY856WB1BA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	DCCD (45:55)	A.P. Suretrac	
JDM Impreza WRX STi RA Spec C MY02	TY856WB2GA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	Viscous (4kgf)	A.P. Suretrac	w/ external transmission cooler
<b>(also S202)</b>													
JDM Impreza WRX STi RA Spec C MY02	TY856WB2DA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	DCCD (45:55)	A.P. Suretrac	w/ external transmission cooler
JDM Impreza WRX STi MY03	TY856WB3AA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	Viscous (4kgf)	Open	
JDM Impreza WRX STi MY03	TY856WB3KA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	DCCD (35:65)	A.P. Suretrac	automatic DCCD system
JDM Impreza WRX STi Spec C MY03	TY856WB3JA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	DCCD (35:65)	A.P. Suretrac	automatic DCCD on 17 in. wheel only
JDM Impreza WRX STi MY04	TY856WB4AA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	Viscous (4kgf)	Open	
JDM Impreza WRX STi MY04 + V-Limited MY04	TY856WB4KA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	DCCD (35:65)	A.P. Suretrac	automatic DCCD system
JDM Impreza WRX STi Spec C MY04	TY856WB4JA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	DCCD (35:65)	A.P. Suretrac	automatic DCCD on 17 in. wheel only
JDM Impreza WRX STi MY05	TY856WB6CA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	Viscous (4kgf)	Open	
JDM Impreza WRX STi MY05	TY856WB6KA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	DCCD (35:65)	A.P. Suretrac	automatic DCCD system
JDM Impreza WRX STi Spec C MY05	TY856WB6JA	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	DCCD (35:65)	Helical LSD	automatic DCCD on 17 in. wheel only
JDM Legacy S401	??	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	Viscous (4kgf)	A.P. Suretrac	
US Impreza WRX STi MY04	TY856WH3MA	3.64	2.375	1.76	1.35	0.97	0.76	3.55	1	3.9	DCCD (35:65)	A.P. Suretrac	automatic DCCD system
US Impreza WRX STi MY04 late	TY856WH4MA	3.64	2.375	1.76	1.35	0.97	0.76	3.55	1	3.9	DCCD (35:65)	A.P. Suretrac	automatic DCCD system
US Impreza WRX STi MY05	TY856WW6MA	3.64	2.375	1.76	1.35	0.97	0.76	3.55	1	3.9	DCCD (35:65)	Helical LSD	automatic DCCD system / front axle design change
UK/Europe/NZ Impreza WRX STi MY02-04	TY856WN***	3.64	2.375	1.76	1.35	0.97	0.76	3.55	1.1	3.9	Viscous (4kgf)	A.P. Suretrac	

Aus. Impreza WRX STi MY02-04	??	3.64	2.375	1.76	1.35	1.06	0.84	3.55	1	3.9	Viscous (4kgf)	A.P. Suretrac	
JDM Forester Sti, SG5	TY856WL4CC	3.64	2.235	1.52	1.14	0.89	0.71	3.55	1	3.9	Viscous (4kgf)	A.P. Suretrac	
<b>5MT Transmission (Pull Clutch)</b>													
JDM Legacy RS & GT (turbo) MY93	TY752VB2DA									4.11			
JDM Legacy RS & GT (turbo) MY94-95	TY752VBAAA									4.11			
JDM Legacy RS & GT (turbo) MY96	TY752VBBAA									4.11			
JDM Legacy RS & GT (turbo) MY97-98	TY752VBCBA									4.11			
JDM Legacy GT B-Spec MY97-98 (also GT B-Spec Limited)	TY752VBCAA									4.44			
JDM Legacy RSK & GT-B MY99-00	TY754VBAAA									4.44			
JDM Legacy RSK MY00	TY754VBACA						w/ LSD option			4.44	Viscous (4kgf)	Helical LSD	
JDM Legacy RSK & GT-B MY01	TY754VBBBA										Viscous (4kgf)	Open	
JDM Legacy RSK & GT-B MY01	TY754VBBCA										Viscous (4kgf)	Helical LSD	w/ LSD option
JDM Forester Turbo MY98	TY753VB1AA									4.44	Viscous (4kgf)	Open	
JDM Forester Turbo MY99-00	TY755VB1AA									4.44	Viscous (4kgf)	Open	
JDM Forester Turbo MY01-02	TY755VB2AA									4.44	Viscous (4kgf)	Open	
JDM Impreza WRX MY93	TY752VB3AA	3.45	2.062	1.45	1.09	0.83		3.42	1	4.11	Viscous (4kgf)	Open	
JDM Impreza WRX RA MY93	TY752VB3BA	3.45	2.333	1.75	1.35	0.97		3.42	1	4.11	Viscous (4kgf)	Open	
JDM Impreza WRX, WRX SA, WRX STi MY94	TY752VB3CA	3.45	2.062	1.45	1.09	0.83		3.42	1	4.11	Viscous (4kgf)	Open	Double-cone 2nd synchro added (all turbo Impreza)
JDM Impreza WRX RA MY94	TY752VB3DA	3.45	2.333	1.75	1.35	0.97		3.42	1	4.11	Viscous (4kgf)	Open	Double-cone 2nd synchro added (all turbo Impreza)
JDM Impreza WRX & WRX STi MY95	TY752VB3FA	3.45	2.062	1.45	1.09	0.83		3.42	1	4.11	Viscous (4kgf)	Open	
JDM Impreza WRX RA MY95	TY752VB3EA	3.45	2.333	1.75	1.35	0.97		3.42	1	3.9	Viscous (4kgf)	Open	
JDM Impreza WRX STi RA MY95	TY752VB3EA	3.45	2.333	1.75	1.35	0.97		3.42	1	3.9	DCCD (35:65)	Open	DCCD fitted off production line
JDM Impreza WRX & WRX STi Ver.II MY96	TY752VB4AA	3.45	2.062	1.45	1.09	0.83		3.42	1	4.11	Viscous (4kgf)	Open	
<b>(also STi 555 &amp; WRX V-Limited Ver.II MY96)</b>													
JDM Impreza WRX RA MY96	TY752VB4BA	3.45	2.333	1.75	1.35	0.97		3.42	1	3.9	Viscous (4kgf)	Open	Double-cone 3rd synchro added (RA only)
JDM Impreza WRX STi RA Ver.II MY96	TY752VB4CA	3.45	2.333	1.75	1.35	0.97		3.42	1	3.9	DCCD (35:65)	Open	Double-cone 3rd synchro added (RA only)
<b>(also STi RA 555 &amp; RA V-Limited Ver.II MY96)</b>													

JDM Impreza WRX & WRX STi MY97-98	TY752VBCAA	3.17	1.882	1.3	0.97	0.74		3.42	1	4.44	Viscous (4kgf)	Open	Double-cone 3rd synchro added (all turbo Impreza)
<b>(also STi V-Limited Ver.III MY97)</b>													
JDM Impreza WRX RA MY97-98	TY752VB5BA	3.08	2.062	1.55	1.15	0.83		3.42	1	4.44	Viscous (4kgf)	Open	Widened 1st,2nd,3rd gears (EJ20K models only)
<b>(also WRX R V-Limited MY98)</b>													
JDM Impreza WRX STi R & RA MY97-98	TY752VB5CA	3.08	2.062	1.55	1.15	0.83		3.42	1	4.44	DCCD (35:65)	Open	Widened 1st,2nd,3rd gears (EJ20K models only)
<b>(also STi Type R V-Limited Ver.IV MY98)</b>													
JDM Impreza WRX 5-Door MY97-98	TY752VBCBA	3.45	2.062	1.45	1.09	0.83		3.42	1	4.11	Viscous (4kgf)	Open	Double-cone 3rd synchro added (all turbo Impreza)
JDM Impreza WRX STi RA V-Limited MY98	TY752VB6EA	3.08	2.062	1.55	1.15	0.83		3.42	1	4.44	DCCD (35:65)	Helical LSD	
JDM Impreza 22B	TY752VB6SZ	3.08	2.062	1.55	1.15	0.83		3.42	1	4.44	DCCD (35:65)	Open	Specially treated gear components
JDM Impreza WRX 5-Door MY99-00	TY754VB1AA	3.45	2.062	1.45	1.09	0.83		3.33	1	4.11	Viscous (4kgf)	Open	Bellhousing changed 4 to 8 points (all models)
JDM Impreza WRX RA & RA Ltd. MY99-00	TY754VB1BA	3.08	2.062	1.55	1.15	0.83		3.33	1	4.44	Viscous (4kgf)	Open	Bellhousing changed 4 to 8 points (all models)
JDM Impreza WRX & WRX STi MY99-00	TY754VBAAA	3.17	1.882	1.3	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	Bellhousing changed 4 to 8 points (all models)
JDM Impreza WRX STi R & RA MY99-00	TY754VB1CA	3.08	2.062	1.55	1.15	0.83		3.33	1	4.44	DCCD (35:65)	Open	Helical FLSD avail. 12/99 on regular STi RA (optional?)
<b>(also STi RA Limited Ver. V/VI MY99-00)</b>													
JDM Impreza WRX STi RA Ltd. MY99-00	TY754VB1EA	3.08	2.062	1.55	1.15	0.83		3.33	1	4.44	DCCD (35:65)	Helical LSD	
<b>(also S201)</b>													
JDM Impreza WRX NB, NBR, 20K MY01-02	TY754VBBAA	3.17	1.882	1.3	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	
JDM Impreza WRX MY03	TY754VB4AA	3.17	1.882	1.3	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	Reverse engagement & 3rd/4th synchro revised (see US info)
JDM Legacy 2.0GT MY04 (also US Leg 2.5GT)	TY757VBAAB	3.17	1.882	1.3	0.97	0.74		3.33	1	4.11	Viscous (4kgf)	Open	
JDM Legacy 2.0GT spec B MY04	TY757VBABB	3.17	1.882	1.3	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	
JDM Legacy 2.0GT MY05	TY757VBBAB	3.17	1.882	1.3	0.97	0.74		3.33	1	4.11	Viscous (4kgf)	Open	dual cone 1st synchro
JDM Legacy 2.0GT spec B MY05	TY757VBBBB	3.17	1.882	1.3	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	dual cone 1st synchro
US Impreza WRX MY02	TY754VN2AA	3.45	1.947	1.37	0.97	0.74		3.33	1.1	3.9	Viscous (4kgf)	Open	Rev. pop-out addressed 10/01 (main shaft, rev. idler, rev. hub)
US Impreza WRX MY03	TY754VN2BA	3.45	1.947	1.37	0.97	0.74		3.33	1.1	3.9	Viscous (4kgf)	Open	1st, 2nd, 3rd gears widened to RA width
US Impreza WRX MY04	TY754VV4AA	3.45	1.947	1.37	0.97	0.74		3.33	1.1	3.9	Viscous (4kgf)	Open	3rd synchro stop changed (3/4 gear, synchro assy)
US Impreza WRX late MY04	TY754VV5AA	3.45	1.947	1.37	0.97	0.74		3.33	1.1	3.9	Viscous (4kgf)	Open	1st synchro changed to dual cone type?

US Impreza WRX MY05	TY754VZ6AA	3.45	1.947	1.37	0.97	0.74		3.33	1.1	3.9	Viscous (4kgf)	Open	
US Forester XT MY04	TY755VH4AA	3.45	1.947	1.37	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	Gears as per WRX revisions
US Forester XT MY05	TY755VW5AA	3.45	1.947	1.37	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	
US Baja Turbo MY04	TY754VHEAA	3.45	1.947	1.37	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	Gears as per WRX revisions
US Legacy Turbo GT MY05	TY757VBAAB	3.17	1.882	1.3	0.97	0.74		3.33	1	4.11	Viscous (4kgf)	Open	
US Legacy Turbo Outback MY05	TY757VWAAB												
UK/Europe Impreza Turbo 2000 / GT MY94-95	TY752VN3BA	3.45	1.947	1.37	0.97	0.74		3.42	1	4.11	Viscous (4kgf)	Open	
<b>(also Series McRae MY95)</b>													
Aus. Impreza WRX MY94	??	3.45	1.947	1.37	0.97	0.74		3.42	??	3.9	Viscous (4kgf)	Open	
UK/Europe Impreza Turbo 2000 / GT MY96	TY752VN4BA	3.45	1.947	1.37	0.97	0.74		3.42	1	4.11	Viscous (4kgf)	Open	
UK/Europe Impreza Turbo 2000 / GT MY97	TY752VN5BA												
UK/Europe Impreza Turbo 2000 / GT MY98	TY752VN6AA												
UK/Europe Impreza Turbo 2000 / GT MY99	TY754VN1AA												
UK Prodrive P1 MY99	??	3.17	1.882	1.3	0.97	0.74		3.33	1	4.44	Viscous (4kgf)	Open	
<b>5MT Transmission (Push Clutch)</b>													
US Impreza (AWD) MY93	TY752VX3AA								1	4.11	Viscous (4kgf)	Open	
US Impreza (AWD) MY94	TY752VX3CA								1	4.11	Viscous (4kgf)	Open	
US Impreza (AWD) MY95	TY752VT3AA								1	3.9	Viscous (4kgf)	Open	
US Impreza EJ18E (AWD) MY96	TY752VT4AA								1	3.9	Viscous (4kgf)	Open	
US Impreza EJ22E (AWD) MY96	TY752VABBA								1	3.9	Viscous (4kgf)	Open	
US Impreza EJ18E (AWD) MY97	TY752VT5AA								1	3.9	Viscous (4kgf)	Open	
US Impreza EJ22 (AWD) MY97-98	TY752VA5AA	3.55	1.947	1.37	0.97	0.78		3.42	1	3.9	Viscous (4kgf)	Open	
US Impreza 2.5RS MY98	TY752V2DAA	3.55	2.111	1.45	1.09	0.78		3.42	1	4.11	Viscous (4kgf)	Open	
US Impreza EJ22 MY99-01	TY754VA1AA								1	3.9	Viscous (4kgf)	Open	
US Impreza 2.5RS MY99-01	TY754VCAAB								1	4.11	Viscous (4kgf)	Open	
US Impreza RS MY02-03	TY754VFBBA								1	4.11	Viscous (4kgf)	Open	
US Impreza TS MY02-03	TY754VC2AA								1	3.9	Viscous (4kgf)	Open	



US Impreza Outback MY02-03	TY754VC2BA								1	3.9	Viscous (4kgf)	Open	
US Impreza RS MY04	TY754VC4CA								1	4.11	Viscous (4kgf)	Open	
US Impreza TS MY04	TY754VC4AA								1	3.9	Viscous (4kgf)	Open	
US Impreza Outback MY04	TY754VC4BA								1	3.9	Viscous (4kgf)	Open	
US Forester MY97-98	TY753VJ1AA								1	4.11	Viscous (4kgf)	Open	
US Forester MY99	TY755VC1AA								1	4.11	Viscous (4kgf)	Open	
US Forester MY00-01	TY755VC1BA								1	4.11	Viscous (4kgf)	Open	
US Forester MY02	TY755VC2AA								1	4.11	Viscous (4kgf)	Open	
US Forester MY03	TY755VC3AA								1	4.11	Viscous (4kgf)	Open	
US Forester (non-turbo) MY04	TY755VC4AA								1	4.11	Viscous (4kgf)	Open	
US Legacy Outback MY94	TY752VAAAA								1	4.11	Viscous (4kgf)	Open	
US Legacy MY94	TY752VAABA								1	3.9	Viscous (4kgf)	Open	
US Legacy MY95-96	TY752VABAA								1	3.9	Viscous (4kgf)	Open	
US Legacy Outback MY95-96	TY752VABBA								1	4.11	Viscous (4kgf)	Open	
US Legacy GT MY97	TY752VACBA								1	4.11	Viscous (4kgf)	Open	
US Legacy Outback MY97	TY752VACCA								1	4.11	Viscous (4kgf)	Open	
US Legacy MY97-98	TY752VACAA	3.55	2.111	1.45	1.09	0.78		3.42	1	3.9	Viscous (4kgf)	Open	
US Legacy GT MY98	TY752V2DAA	3.55	2.111	1.45	1.09	0.78		3.42	1	4.11	Viscous (4kgf)	Open	
US Legacy Outback MY98	TY752V2DCA	3.55	2.111	1.45	1.09	0.87		3.42	1	4.11	Viscous (4kgf)	Open	
US Legacy MY99	TY754VAAAA								1	3.9	Viscous (4kgf)	Open	
US Legacy GT MY99	TY754VCAAB								1	4.11	Viscous (4kgf)	Open	
US Legacy Outback MY99	TY754VCACB								1	4.11	Viscous (4kgf)	Open	
US Legacy L & Brighton MY00	TY754VCAAA								1	3.9	Viscous (4kgf)	Open	
US Legacy Outback MY00	TY754VCACA								1	4.11	Viscous (4kgf)	Open	
US Legacy GT MY00	TY754VCADA								1	4.11	Viscous (4kgf)	Open	
US Legacy L & Brighton MY01	TY754VCBAA								1	3.9	Viscous (4kgf)	Open	

US Legacy GT MY01-02	TY754VCBDA								1	4.11	Viscous (4kgf)	Open	
US Legacy Outback MY01-02	TY754VCBCA								1	3.9	Viscous (4kgf)	Open	
US Legacy L MY03-04	TY754VCDA								1	4.11	Viscous (4kgf)	Open	
US Legacy GT MY03-04	TY754VCDDA								1	4.11	Viscous (4kgf)	Open	
US Legacy Outback & Baja MY03-04	TY754VCDC												

