

# BW35TB / BW37TB

FWD 3 Speed

PART #	PAPER & RUBBER KIT	QTY.	REFERENCE #
104000	Paper & Rubber Kit, BW35TB Saab 1968-80	1	
104000A	Paper & Rubber Kit, BW37TB Saab 900 1981-92 & Saab 9000 1981-85	1	
PART #	OVERHAUL KITS	QTY.	REFERENCE #
104002	Overhaul Kit, BW35TB Saab 1968-80	1	
104002A	Overhaul Kit, BW37TB Saab 900 1981-92 & Saab 9000 1981-85	1	
PART #	MASTER L/STEEL KIT	QTY.	REFERENCE #
104004	Master L/Steels Kit, BW35TB Saab 1968-80	1	
104004A	Master L/Steels Kit, BW37TB Saab 900 1981-92 & Saab 9000 1981-85	1	
PART #	MASTER W/STEEL KIT	QTY.	REFERENCE #
104006	Master W/Steels Kit, BW35TB Saab 1968-80	1	
104006A	Master W/Steels Kit, BW37TB Saab 900 1981-92 & Saab 9000 1981-85	1	
PART #	FILTER	QTY.	REFERENCE #
104010	Filter, BW35TB 1968-80	1	9320052
104010A	Filter, BW37TB 1981-82	1	936449
104010B	Filter, BW37TB 1983-92	1	7544125
PART #	FILTER KIT	QTY.	REFERENCE #
104011	Filter Kit, BW35TB 1968-80	1	
104011A	Filter Kit, BW37TB 1981-82	1	
104011B	Filter Kit, BW37TB 1983-92	1	
PART #	BANDS	QTY.	REFERENCE #
119022	Band, BW35TB / BW37TB Front (Flex)	1	
119024	Band, BW35TB / BW37TB Rear	1	
PART #	BUSHINGS	QTY.	REFERENCE #
104030	Bushing Kit, BW35TB / BE37TB	1	
119034	Bushing, BW35TB / BW37TB Pump Body	1	
104047	Bushing, BW35TB / BW37TB Input Shaft	1	
119048	Bushing, BW35TB / BW37TB Direct Drum & Planet To Sun Gear (Rear)	2	
119058	Bushing, BW35TB / BW37TB Planet To Center Support (Front) (2.855"ID)	1	
119062	Bushing, BW35TB / BW37TB Output Shaft To Planet (1.260"ID)	1	
PART #	METAL CLAD SEALS	QTY.	REFERENCE #
104070	Seal, BW35TB / BW37TB Pump Body	1	
104075	Seal, BW37TB Pinion	1	
104076	Seal, BW35TB Axle (Both)	2	
67076A	Seal, BW37TB Axle (Left Side) 1981-Up	1	
104076B	Seal, BW37TB Axle (Right Side) 1981-Up	1	
PART #	FRICTION CLUTCH	QTY.	REFERENCE #
119106	Friction, BW35TB / BW37TB Forward & Direct Clutch (.061")	8-9	
119119	Friction Module, BW35TB / BW37TB	1	
PART #	STEEL CLUTCH	QTY.	REFERENCE #
119126	Steel, BW35TB Saab Forward Clutch (.068") Flat	3-4	3164873
119128	Steel, BW35TB Direct Clutch (.068") Dished	4-5	3164863
119128X	Steel, BW35TB Direct Clutch (.090") Oversize	1	
119139	Steel Module, BW35TB / BW37TB	1	
PART #	CLUTCH PRESSURE PLATES	QTY.	REFERENCE #
104146	Pressure Plate, BW35TB / BW37TB Direct Clutch (Top)	1	
104149	Pressure Plate, BW35TB / BW37TB Forward Clutch (Bottom)	1	

PART #	OIL SEALING RINGS	QTY.	REFERENCE #
119175	Ring Kit, BW35TB / BW37TB	1	
PART #	WASHERS & BEARINGS	QTY.	REFERENCE #
104210	Shim, BW35TB / BW37TB Front Plate	1	
104211	Washer, BW35TB / BW37TB Front Plate	1	
104229	Bearing, BW35TB / BW37TB Sun Gear Front & Rear	2	
104232	Washer, BW35TB Forward Drum To Direct Drum (Front)	1	
104232A	Bearing W/Race, BW37TB Forward Drum To Direct Drum	1	
104233	Washer, BW35TB Forward Drum To Direct Drum (Rear) Steel	1	
104233A	Race, BW37TB Forward Drum To Direct Drum (Front)	1	
104235	Washer, BW35TB / BW37TB Input Shaft	1	
104242	Washer, BW35TB / BW37TB Planet (Front)	1	
104250	Washer, BW35TB / BW37TB Planet (Rear)	1	
104251	Bearing, BW35TB / BW37TB Planet (Rear)	1	
104272	Washer, BW35TB / BW37TB Governor To Seal Cover	1	
104273	Cup Race, BW35TB / BW37TB Pinion Retainer (Front & Rear)	2	
104274	Bearing, BW35TB / BW37TB Pinion	2	
104276	Shim, BW35TB / BW37TB Pinion Shaft	1	
104279	Ball Bearing, BW35TB / BW37TB Turbine Shaft	1	
104280	Shim, BW35TB / BW37TB Driven Sprocket Bearing	1	
104281	Ball Bearing, BW35TB / BW37TB Driven Sprocket To Case	1	
PART #	GASKETS & RUBBER COMPONENTS	QTY.	REFERENCE #
104300	Gasket, BW35TB Bottom Pan (Rear) 1968-80	1	8708455
104300A	Gasket, BW37TB Bottom Pan (Rear) 1981-89	1	9335456
104300AB	Gasket, BW37TB Bottom Pan (Rear) 1990-92	1	4029450
104300B	Gasket, BW35TB Bottom Pan (Front) 1968-80	1	4027652
104300BA	Gasket, BW37TB Bottom Pan (Front) 1981-89	1	9335423
104300BB	Gasket, BW37TB Bottom Pan (Front) 1990-92	1	4029443
104301	Gasket, BW35TB / BW37TB Side Cover	1	
104302	Gasket, BW35TB / BW37TB Transmission Case To Engine	1	7514946
104303	Gasket, BW35TB / BW37TB Differential Cover	1	
104304	Gasket, BW35TB / BW37TB Chain Cover	1	
104311	O-Ring, BW35TB / BW37TB Pump	1	
104318	Gasket, BW35TB / BW37TB Bell Housing To Case	1	
44371A	O-Ring, BW35TB / BW37TB Filler Tube	1	6264902
PART #	TECHNICAL MANUALS	QTY.	REFERENCE #
104400	Technical Manual, BW35TB / BW37TB Saab	1	
PART #	HARD PARTS	QTY.	REFERENCE #
104500	Pump, BW35TB 1968-80	1	
104500A	Pump, BW37TB 1981-92	1	
104510	Pump Body W/Gears, BW35TB (Thin Gears) 1968-80	1	
104510A	Pump Body W/Gears, BW37TB (.750" Thick Gears) 1981-92	1	
104520	Stator, BW35TB Support 1968-80	1	
104520A	Stator, BW37TB Support 1981-92	1	
PART #	PUMP COMPONENTS	QTY.	REFERENCE #
104544	Plate, BW35TB Pump 1968-80	1	
104544A	Plate, BW37TB Pump 1981-92	1	
PART #	HARD PARTS (Continued)	QTY.	REFERENCE #
104554	Drum, BW35TB Forward Clutch (Washer Type) 1968-80	1	
104554A	Drum, BW37TB Forward Clutch (Bearing Type) 1981-92	1	
104555	Drum, BW35TB Fdirect Clutch (Washer Type) 1968-80	1	
104555A	Drum, BW37TB Direct Clutch (Bearing Type) 1981-92	1	
104564	Piston Kit, BW35TB / BNW37TB Forward Clutch	1	
104565	Piston Kit, BW35TB / BW37TB Direct Clutch	1	
104574	Clutch Hub, BW35TB / BW37TB Forward Clutch	1	
104584	Planet, BW35TB 1968-80	1	

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PART #	HARD PARTS (Continued)	QTY.	REFERENCE #
104584A	Planet, BW37TB 1981-92	1	
104594	Ring Gear, BW35TB 1968-80	1	
104594A	Ring Gear, BW37TB 1981-92	1	
104614	Sun Gear, BW35TB 1968-80	1	
104614A	Sun Gear, BW37TB 1981-92	1	
104630	Center Support, BW35TB / BW37TB 1968-80	1	
104630A	Center Support, BW37TB 1985-92	1	
104636	Center Plate, BW35TB 1968-80	1	
104636A	Center Plate, BW37TB 1981-92	1	

PART #	SPRAGS & ONE WAY CLUTCHES	QTY.	REFERENCE #
104654	Sprag, BW35TB / BW37TB (Use 119654)	1	
119654	Sprag, BW35TB / BW37TB	1	

PART #	HARD PARTS (Continued)	QTY.	REFERENCE #
104670	Input Shaft, BW35TB (2 Ring) 1968-80	1	
104670A	Input Shaft, BW37TB (3 Ring) 1981-92	1	
104673	Turbine Shaft, BW35TB / BW37TB	1	
104678	Output Shaft, BW35TB (No Rings)	1	
104678A	Output Shaft, BW37TB (With 3 Rings)	1	
104680	Governor, BW35TB 1968-80	1	
104680A	Governor, BW37TB 1981-92	1	
104697	Cover, BW35TB Pinion Seal 1968-80	1	
104697A	Cover, BW37TB Pinion Seal 1981-92	1	
104700	Chain, BW35TB 1968-80	1	
104700A	Chain, BW37TB 1981-92	1	
104705	Sprocket, BW35TB / BW37TB Drive (40 Teeth)	1	
104705A	Sprocket, BW35TB / BW37TB Drive (39 Teeth)	1	
104706	Sprocket, BW35TB / BW37TB Drive (38 Teeth)	1	
104706A	Sprocket, BW35TB / BW37TB Drive (35 Teeth)	1	
104706B	Sprocket, BW35TB / BW37TB Drive (37 Teeth)	1	
104716	Differential Housing, BW35TB / BW37TB (Year Model) (Height)	1	
104720	Ring Gear, BW35TB / BW37TB (Year Model) (# Teeth)	1	
104730	Pinion, BW35TB / BW37TB (Year Model) (# Teeth)	1	
104735	Housing, BW35TB Pinion (Cast Iron) 1968-80	1	
104735A	Housing, BW37TB Pinion (Aluminum) 1981-92	1	
104740	Valve Body, BW35TB 1968-80	1	
104740A	Valve Body, BW37TB 1981-92	1	
104750	Bell Housing, BW35TB 1968-80	1	
104750A	Bell Housing, BW37TB 1981-84	1	
104750AA	Bell Housing, BW37TB 1985-92	1	
104755	Cover, BW35TB Sprocket 1968-80	1	
104755A	Cover, BW37TB Sprocket 1981-92	1	
104758	Cover, BW35TB Differential 1968-80	1	
104758A	Cover, BW37TB Differential 1981-92	1	
104760	Case, BW35TB / BW37TB (Year, Model, Cast #)	1	
104766	Cover, BW35TB / BW37TB Side	1	
104768	Pan, BW35TB / BW37TB Bottom	1	
104795	Nut, BW35TB / BW37TB Holds Drive Sprocket On	1	
104796	Nut, BW35TB / BW37TB Holds Driven Sprocket On	1	
104798	Nut, BW35TB / BW37TB Pinion	1	
104876	Snap Ring, BW35TB / BW37TB Holds Input Shaft To Forward Drum	1	
104877	Snap Ring, BW35TB / BW37TB Holds Forward Return Spring	1	
104879	Snap Ring, BW35TB / BW37TB Holds Direct Retainer In	1	
104889	Snap Ring, BW35TB / BW37TB Holds Output Shaft To Ring Gear	1	
104898	Snap Ring, BW35TB / BW37TB Holds Ball Bearing To Pump	1	
104899	Snap Ring, BW35TB / BW37TB Holds Bearing To Case	1	
104905	Servo Assembly, BW35TB / BW37TB Front	1	
104910	Servo Assembly, BW35TB / BW37TB Rear	1	
104925	Accumulator Assembly, BW35TB / BW37TB	1	
104964	Piston, BW35TB / BW37TB Forward Clutch	1	
104965	Piston, BW35TB / BW37TB Direct Clutch	1	
29974	Spring, BW35TB / BW37TB Forward Disc Spring (.075")	1	4486217
104975	Spring, BW35TB / BW37TB Direct Clutch Return	1	
104985	Retainer, BW35TB / BW37TB Direct Clutch	1	
104999	Oil Tube Set, BW35TB / BW37TB	1	

BORG WARNER

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IMPORT

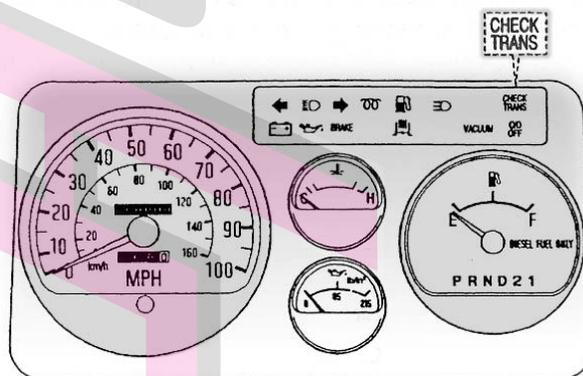
# 450-43LE

## Self-Diagnostic Information

### NPR, FUSO

There are only 13 components that will cause the “Check Trans” light to illuminate.

1. Vehicle Speed Sensor #1
2. Engine Speed Sensor
3. Transmission fluid sensor
4. Inhibitor Switch
5. Throttle Position Sensor
6. Vehicle Speed Sensor#2
7. SS#1
8. SS#2
9. Timing Solenoid
10. TCC Solenoid
11. EPC Solenoid
12. Exhaust Brake Solenoid
13. Engine Warming sensor



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