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5HP24 Transmission Overview (North American Applications)

Make / Model / Model Year – BMW (A5S 440Z)

Make	Model	Style	Model Year	From – Up to	Code	OE Part #	ZF Part #
BMW	540i	E39 Sedan (M60)	1997 – 1998	01/97 – 09/98	TB	24 00 1 423 192	1058 000 016
			1998 –	09/98 –	TE	24 00 1 423 302	1058 000 021
			1998 –	09/98 –	TF	24 00 1 423 304	1058 000 022
BMW	540i	E39 Touring (M60)	1998 –		TF	24 00 1 423 304	1058 000 022
BMW	740i	E38 Sedan (M62)	1997 – 1998	01/97 – 09/98	TB	24 00 1 423 192	1058 000 016
			1998 – 2001	09/98 –	TE	24 00 1 423 302	1058 000 021
			1998 – 2001	09/98 –	TF	24 00 1 423 304	1058 000 022
BMW	740iL	E38 Sedan (M62)	1997 – 1998	01/97 – 09/98	TB	24 00 1 423 192	1058 000 016
			1998 – 2001	09/98 –	TE	24 00 1 423 302	1058 000 021
			1998 – 2001	09/98 –	TF	24 00 1 423 304	1058 000 022
BMW	840Ci	E31 Coupe	1996 – 1997		PD	24 00 1 422 200	1058 000 005
BMW	X5 4.4i	E53 SAV	1998 –		UP	24 00 1 423 949	1058 000 029
BMW	X5 4.6is	E53 SAV	2001 –		UK	24 00 7 512 587	1058 000 034

Make / Model / Model Year – Jaguar

Make	Model	Engine	Model Year	OE Part #	ZF Part #
Jaguar	XK8	V8 – 4.0 Liter	1997	NJA4400AF	1058 000 009
			1997	NJA4400AG	1058 000 013
			1998	NJB4400AB	1058 000 015
			1998	NJB4400BA	1058 000 024
			1999	NNE4400AA	1058 000 026
			1999	NNE4400CA	1058 000 027
Jaguar	XJ8	V8 – 3.2 Liter	1997 – 1998	NJA4400BD	1058 000 014
			1998 – 2002	NNE4400BA	1058 000 028
Jaguar	XJ8	V8 – 4.0 Liter	1998	NJB4400AB	1058 000 015
			1998	NJB4400BA	1058 000 024
			1999	NNE4400AA	1058 000 026
			1999	NNE4400CA	1058 000 027

Make / Model / Model Year – Land Rover

Make	Model	Engine	Model Year	OE Part #	ZF Part #
Land Rover	Range Rover	V8 – 4.4 liter	2003 –	TGD000190	1058 000 032

Note: This spare parts catalog includes only transmission specification numbers for North American applications. For all other 5HP24 transmission specification numbers, please contact your preferred ZF passenger car transmission distributor for more information about available spare parts and kits.

Type Plate: Located on the main housing of transmission. Please refer to ZF transmission specification # when searching for spare parts and kits in this catalog (last three digits).



- ← Transmission Serial #
- ← ZF Transmission Specification #
- ← Vehicle Manufacturer Transmission #



5HP24 Technical Information

Torque, Gear Ratio & Weight

Input Torque	1 st Gear	2 nd Gear	3 rd Gear	4 th Gear	5 th Gear	Rev Gear	Weight (approximate)	Oil Capacity (approximate)
420 Nm	3.57	2.20	1.51	1.00	0.80	4.10	~95 kg (209 lbs.)	~9.9 liter (10.5 quart)

Transmission Oil Reference Guide

Make	Oil Grade	Type Plate (color)	ZF Part #	OE Part #
BMW	ESSO LT 71141	Green	1058 000 005	24 00 1 422 200
			1058 000 016	24 00 1 423 192
			1058 000 021	24 00 1 423 302
			1058 000 022	24 00 1 423 304
			1058 000 029	24 00 1 423 949
			1058 000 034	24 00 7 512 587
Jaguar	ESSO LT 71141	Green	1058 000 009	NJA4400AF
			1058 000 013	NJA4400AG
			1058 000 014	NJA4400BD
			1058 000 015	NJB4400AB
			1058 000 024	NJB4400BA
			1058 000 026	NNE4400AA
			1058 000 027	NNE4400CA
			1058 000 028	NNE4400BA
Land Rover	ESSO LT 71141	Green	1058 000 032	TGD000190

5HP24 Lubrications

Amount	ZF Part #	Description	Where used (1058 000 ____)	Notes
20 Liter	0671 090 166	Oil ESSO LT 71141 (Canister)	All	
205 Liter	0671 090 169	Oil ESSO LT 71141 (Drum)	All	

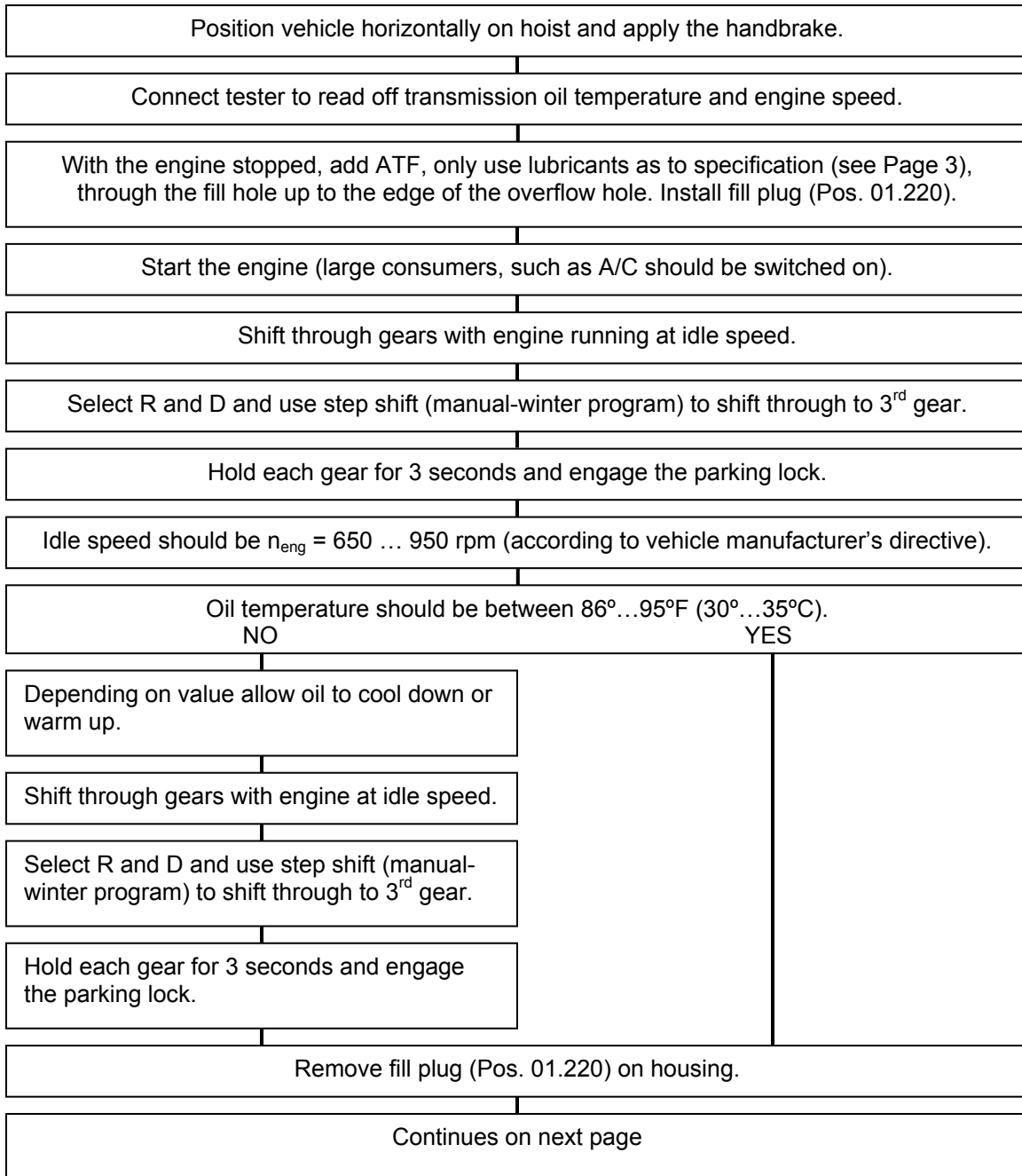
5HP24 Technical Literature

Language	ZF Part #	Description	Where used (1058 000 ____)	Notes
English	5HP24FD	5HP24 Functional Description	All	
English	5HP24REP	5HP24 Repair Manual	All	
Eng/Ger	1058 764 001	5HP24 Wall Chart	All	
English	5HPVBMAN	5-Speed Valve Body Manual	All	



5HP24 Technical Information (continued)

5HP24 General Transmission Oil Filling Procedure





5HP24 Technical Information (continued)

5HP24 General Transmission Oil Filling Procedure (continued)

