

# ProMeister



# User Guide

## Fluid Refilling Set

Art. Nr: PT5410

RVNR-04

## Features

- Set for refilling fluids such as ATF, gear oil and differential oil.
- Especially designed for vehicles without a transmission dipstick.
- A combination of pneumatic and manual functions allow energy-saving work and precise refilling.
- 12.5L large tank suitable for transmissions that require large refill volume.

## Safety Precautions

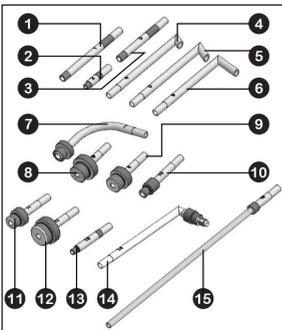
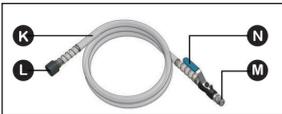
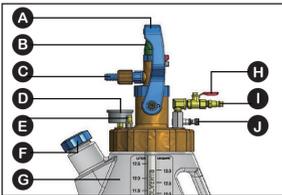


**CAUTION**



- Always read the instructions carefully before using the tool
- This tool set is for refilling ATF, gear oil and differential oil ONLY
- DO NOT use this tool for refilling other types of oil or fluid
- Always ensure pressure is adequately released after work
- Ensure the working area has adequate lighting
- Keep children and unauthorized persons away from the working area
- Keep working area clean and tidy, dry and free from unrelated materials
- DO NOT allow untrained persons to use this tool kit
- Always wear eye protection that meets OSHA and ANSI Z87.1 standards
- Always wear gloves when working with the tool
- Always wear ear protection
- Disposal: Customers should follow local regulations or entrust local organization to handle used/wasted fluids

## Specifications



<b>A</b>	Square Handle	Pull backward to release pressure
<b>B</b>	Manual Pumping Handle	One stroke about 0.1 liter
<b>C</b>	Connector to Hose	Male M20 x 2.0
<b>D</b>	Pressure Gauge	0-35 psi / 0-2.5 kg/cm <sup>2</sup>
<b>E</b>	Auto Pressure Release	Preset at 14.2 psi / 1.0 kg/cm <sup>2</sup>
<b>F</b>	Fluid Refill Cap	Open for refilling new fluid
<b>G</b>	Tank	12.5 liter / 3.3 US Quart
<b>H</b>	Shop Air Switch	Control compressed air
<b>I</b>	Shop Air Connector	Standard shop air connector
<b>J</b>	Pressure Regulator	7-28.5 psi / 0.5-2.0 kg/cm <sup>2</sup>
<b>K</b>	Wire Reinforced Hose	1.5m / 59" in length
<b>L</b>	Connector to Tank	Female M20 x 2.0
<b>M</b>	Connector to Adapter	Female Ø9.5mm
<b>N</b>	Hose Switch	Open for introducing new fluid

<b>1</b>	1/8" NPT Adapter	Ford
<b>2</b>	5/16"-24UNF Adapter	Volvo
<b>3</b>	M10 x 1.00 Adapter	Volkswagen
<b>4</b>	Short Hook Adapter	Volkswagen
<b>5</b>	Medium Hook Adapter	Volkswagen
<b>6</b>	Long Hook Adapter	BMW, Honda, Nissan
<b>7</b>	M18 x 1.50 Adapter	Toyota
<b>8</b>	M24 x 1.50 Adapter	Audi and Volkswagen with DSG
<b>9</b>	M22 x 1.50 Adapter	Audi with CVT
<b>10</b>	M12 x 1.50 Adapter	Mercedes with 722.9
<b>11</b>	M18 x 1.50 Adapter	Škoda, Volkswagen
<b>12</b>	M30 x 1.50 Adapter	Audi, Škoda, Volkswagen
<b>13</b>	M8 x 1.00 Adapter	Nissan, Infiniti
<b>14</b>	M10 x 1.00 Adapter	Volkswagen Passat
<b>15</b>	Flexible 300mm Adapter	Honda, Hyundai, Kia

# Instructions

## Installation

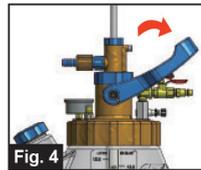
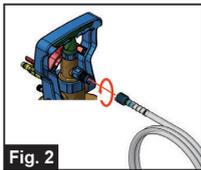
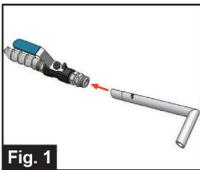
1. Open fluid refill cap (F) and refill ATF, gear oil or differential oil to the required volume. Refer to auto manufacturer's service manual for adequate volume.
2. Remove drain plug on transmission, gearbox or differential to drain fluids inside, and screw back the drain plug after draining.
3. Hook up the adaptor to the connector (M) (Fig. 1).
4. Connect hose and tank together (Connect L to C) (Fig. 2).
5. Connect refill adapter to filling hole on transmission, gearbox or differential (Fig. 3).

## Operation

1. Connect the connector to air compressor (I) to an air compressor.
2. Open air compressor valve (H).
3. Open hose valve (N), and the fluid will be introduced to transmission, gearbox or differential.
4. Before all fluid is almost introduced, turn off the hose switch (N) and shop air switch (H).
5. Pull the square handle (A) backward, and the pressure inside the tank will be released (Fig. 4).
6. Lift up manual pumping handle (B) (Fig. 5), and start pumping fluid manually untill the transmission, gearbox or differential is filled to the required volume.
7. Pull the square handle (A) backward all the way down to release excessive pressure inside the transmission, gearbox or differential, and the tank.
8. Close the hose valve (N), and disconnect the adapter from the transmission filling hole.

## Storage

1. To remove the residual fluid inside the wire reinforced hose (K), pull the hose straight and lift the hose way up.
2. Open the hose valve (N), and the residual fluid will flow down to tank by gravity.
3. Disconnect the hose from the tank, coil up the hose for storage.
4. Drain the residual fluid inside the tank completely by placing the tank upside down if a different type of fluid will be used with the same tank in the future.
5. Store the tank and hose in a location with good ventilation and no direct sun exposure.



# Applications

The application list is for reference only. More vehicle applications are possible. Same vehicle models, due to variations in engine size, vehicle type (hatchback, sedan, or convertible...etc), engine fuel type (gasoline or diesel) and so on, may apply to different radiator test caps.

Make	Model	Year	Type	No.
Audi	A3	2005-2009	3.2L Quattro. 6-speed dual clutch	8
Audi	A3	2005-2023	2.0L. 6-speed dual clutch	8
Audi	A3	2009-2018	1.8L. 6-speed dual clutch	8
Audi	A3	2009-2023	2.0L Quattro. 6-speed dual clutch	8
Audi	A3	2015-2020	1.4L. 6-speed dual clutch	8
Audi	A4	2002-2005	1.8L, 3.0L. 6-speed AT	12
Audi	A4	2002-2005	1.8L, 3.0L. CVT Transmission	9
Audi	A4	2002-2005	Quattro 1.8L, 3.0L. 6-speed AT	12
Audi	A4	2005-2008	2.0L, 3.2L. 6-speed AT	12
Audi	A4	2005-2008	2.0L, 3.2L. CVT Transmission	9
Audi	A4	2005-2009	Quattro 2.0L, 3.2L. 6-speed AT	12
Audi	A5	2010-2014	2.0L. CVT Transmission	9
Audi	A5	2010-2017	2.0L Quattro. CVT Transmission	9
Audi	A6	1998-2001	2.8L. 6-speed AT	12
Audi	A6	2000-2004	Quattro 2.7L. 6-speed AT	12
Audi	A6	2000-2011	Quattro 4.2L, except 2009. 6-speed AT	12
Audi	A6	2002-2004	3.0L. 6-speed AT	12
Audi	A6	2005-2008	Quattro 3.2L. 6-speed AT	12
Audi	A6	2006-2009	2.0L Quattro. CVT Transmission	9
Audi	A6	2009-2011	Quattro 3.0L. 6-speed AT	12
Audi	A6	2012-2018	2.0L. CVT Transmission	9
Audi	A6	2012-2018	3.0L Quattro. CVT Transmission	9
Audi	A6	2013-2018	2.0L Quattro. CVT Transmission	9
Audi	A7	2012-2018	3.0L Quattro. CVT Transmission	9
Audi	A7	2017-2018	2.0L Quattro. CVT Transmission	9
Audi	A8	1997-1999	3.7L. 6-speed AT	12
Audi	A8	1997-2010	Quattro 4.2L. 6-speed AT	12
Audi	A8	2004-2012	4.2L Quattro. CVT Transmission	9
Audi	A8	2005-2010	6.0L Quattro. CVT Transmission	9
Audi	A8	2012-2018	3.0L Quattro. CVT Transmission	9
Audi	A8	2012-2018	6.3L Quattro. CVT Transmission	9
Audi	A8	2013-2018	4.0L Quattro. CVT Transmission	9
Audi	Q2	2016-2023	35 TDI quattro, SQ2 TFSI quattro	8
Audi	Q3	2015-2018	2.0L Q3 Quattro. 6-speed AT	3
Audi	Q3	2015-2020	2.0L. 6-speed AT	3
Audi	Q3	2015-2023	1.4L Hybrid 1.8L, 2.0L, 3.6L	14
Audi	Q3	2015-2023	2.0L Quattro. 6-speed dual clutch	8
Audi	Q3	2016-2023	1.4L, 2.0L. 6-speed dual clutch	8
Audi	Q7	2007-2010	3.6L. 6-speed AT	3
Audi	R8 Spyder	2015-2023	4.2L, 5.2L. 6-speed dual clutch	8
Audi	RS3	2017-2020	2.5L. 6-speed dual clutch	8
Audi	RS4	2007-2008	4.2L. CVT Transmission	9
Audi	RS7	2014-2018	4.0L. CVT Transmission	9
Audi	TT	2003-2006	1.8L. 6-speed AT	3
Audi	TT	2004-2009	3.2L Quattro. 6-speed dual clutch	8
Audi	TT	2007-2016	2.0L. 6-speed dual clutch	8
Audi	TT	2009-2023	2.0L Quattro. 6-speed dual clutch	8
Audi	TT	2016-2018	1.8L. 6-speed dual clutch	8
Ford	Explorer	2004-2010	4.0L 5R55S/W 5-speed A/T	1
Ford	Explorer Sport Trac	2007-2010	4.0L, 4.6L 5R55S/W 5-speed A/T	1
Ford	Mustang	2005-2010	4.0L, 4.6L, 5.4L 5R55S/W 5-speed A/T	1
Ford	Thunderbird	2003-2005	3.9L 5R55S/W 5-speed A/T	1
Infiniti	EX35	2011-2012	3.5L	13
Infiniti	EX37	2013-2013	3.7L	13
Infiniti	FX35	2009-2012	3.5L	13
Infiniti	FX37	2013-2013	3.7L	13
Infiniti	FX50	2009-2013	5.0L	13
Infiniti	G25	2011-2012	2.5L	13

Make	Model	Year	Type	No.
Infiniti	G37	2009-2013	3.7L	13
Infiniti	M35	2009-2010	3.5L	13
Infiniti	M35h	2012-2013	3.5L	13
Infiniti	M37	2011-2013	3.7L	13
Infiniti	M45	2009-2010	4.5L	13
Infiniti	M56	2011-2013	5.6L	13
Infiniti	Q40	2015-2015	3.7L	13
Infiniti	Q50	2014-2021	3.5L, 3.7L	13
Infiniti	Q50	2016-2024	2.0L, 3.0L	13
Infiniti	Q60	2014-2015	3.7L	13
Infiniti	Q60	2017-2023	2.0L, 3.0L	13
Infiniti	Q70	2014-2018	3.5L, 5.6L	13
Infiniti	Q70	2016-2019	3.7L	13
Infiniti	Q70L	2015-2019	3.5L, 5.6L	13
Infiniti	QX50	2014-2017	3.7L	13
Infiniti	QX56	2011-2024	5.6L	13
Infiniti	QX70	2014-2017	3.7L, 5.0L	13
Infiniti	QX80	2014-2024	5.6L	13
Lexus	GS 200t	2016-2019	2.0L, 2.5L, 3.5L	7
Lexus	GS 300	2006-2006	2.0L, 3.0L, 3.5L, 4.3L	7
Lexus	GS 350	2007-2020	2.0L, 2.5L, 3.0L, 3.5L, 4.3L, 4.6L	7
Lexus	GS 430	2006-2007	3.0L, 3.5L, 4.3L, 4.6L	7
Lexus	GS 460	2007-2011	3.5L, 4.3L, 4.6L	7
Lexus	GS F	2016-2020	8 Cyl 5.0L	7
Lexus	GX 460	2010-2023	4.6L	7
Lexus	GX 470	2003-2009	4.7L	7
Lexus	IS 200t	2016-2017	2.0L	7
Lexus	IS 250	2022-2022	2.5L	7
Lexus	IS 250C	2010-2015	2.5L	7
Lexus	IS 300	2018-2023	3.0L	7
Lexus	IS 350	2006-2023	3.5L	7
Lexus	IS 350C	2010-2015	3.5L	7
Lexus	IS F	2008-2014	5.0L	7
Lexus	LC 500	2018-2024	5.0L	7
Lexus	LS 430	2003-2006	4.3L	7
Lexus	LS 460	2007-2020	4.6L	7
Lexus	LS 460L	2007-2020	4.6L	7
Lexus	LS 500	2018-2023	3.5L	7
Lexus	LX 470	2003-2007	4.7L	7
Lexus	LX 570	2008-2021	5.7L	7
Lexus	LX 600	2022-2023	3.4L	7
Lexus	RC 200t	2016-2023	2.0L	7
Lexus	RC 300	2016-2023	2.0L	7
Lexus	RC 350	2015-2023	3.5L	7
Lexus	RC F	2015-2023	5.0L	7
Lexus	SC 430	2006-2010	4.3L	7
Lincoln	Aviator	2004-2005	4.6L 5R55S/W 5-speed A/T	1
Lincoln	LS	2003-2006	3.9L 5R55S/W 5-speed A/T	1
Mercedes-Benz	C-Class C204	2011-2023	C 180, 250, 350, 63 AMG; C 220, 250 CDI	10
Mercedes-Benz	C-Class CL203	2005-2008	C 230, C 350	10
Mercedes-Benz	C-Class W203	2005-2007	C 230, 280, 350; C 320 CDI	10
Mercedes-Benz	C-Class W204	2007-2013	C 180, 200, 230, 280, 350; C 320, 350 CDI	10
Mercedes-Benz	C-Class W205	2014-2023	C 180, 200, 250, 400; C 180, 220, 250 BlueTEC/d 7-speed A/T	10
Mercedes-Benz	CLC-Class CL203	2008-2011	CLC 230, CLC 350	10
Mercedes-Benz	CLK A209	2003-2010	CLK 280, 350, 500; CLK 320 CDI	10
Mercedes-Benz	CLK C209	2002-2009	55 AMG, 280, 350, 500	10
Mercedes-Benz	CLS C218	2011-2017	CLS 350, 400, 500; CLS 220, 250, 350 CDI 7-speed A/T	10
Mercedes-Benz	CLS C219	2004-2010	CLS 63 AMG, 350, 500; CLS 320 CDI	10

Make	Model	Year	Type	No.
Mercedes-Benz	CLS X218	2012-2017	CLS 350, 400, 500; CLS 220, 250 CDI / BlueTEC / d	10
Mercedes-Benz	E-Class W211	2002-2008	E 230, 280, 350, 500; E 280, 320, 420 CDI	10
Mercedes-Benz	E-Class W212	2009-2016	E 200 CDI / BlueTEC	10
Mercedes-Benz	G-Class W463	1998-2023	G 65 AMG, G 500; G 350 CDI	10
Mercedes-Benz	GL-Class X164	2006-2020	GL 450 4-matic; GL 350, 420 CDI 4-matic	10
Mercedes-Benz	GL-Class X166	2012-2015	GL 63 AMG, 500 4-matic; GL 350 CDI / BlueTEC	10
Mercedes-Benz	GLK-Class X204	2008-2015	280, 300, 350 4-matic; 220, 250, 350 CDI	10
Mercedes-Benz	M-Class W164	2005-2011	ML 350, 500 4-matic; ML 320, 420 CDI 4-matic	10
Mercedes-Benz	M-Class W166	2011-2015	ML 63 AMG, 400, 500 4-matic; ML 350 BlueTEC	10
Mercedes-Benz	R-Class W251	2006-2020	R 280, 300, 350, 500; R 280, 320 CDI 4-matic	10
Mercedes-Benz	S-Class C216	2006-2013	CL 65 AMG, CL 500	10
Mercedes-Benz	S-Class C217	2014-2017	S 63 AMG 4-matic, S 500 4-matic	10
Mercedes-Benz	S-Class W220	1998-2005	S 500	10
Mercedes-Benz	S-Class W221	2005-2013	S 280 350, 450, 500; S 320, 420 CDI	10
Mercedes-Benz	S-Class W222	2013-2023	S 63 AMG, 500 4-matic, 600; S 350 BlueTEC / d 7-speed A/T	10
Mercedes-Benz	SL R230	2001-2012	65 AMG, 350, 400, 500	10
Mercedes-Benz	SL R231	2012-2023	65 AMG, 350, 400, 500	10
Mercedes-Benz	SLK R171	2004-2011	55 AMG, 280, 300, 350	10
Mercedes-Benz	SLK R172	2011-2023	55 AMG, 200, 250, 350; 250 CDI / d 7-speed A/T	10
Mercedes-Benz	V-Class W447	2014-2020	V 200, 220, 250 CDI / d 7-speed A/T	10
Mercedes-Benz	Vito W447	2014-2020	114 116, 119 CDI 7-speed A/T	10
Mercury	Mountaineer	2004-2010	4.0L 5R55S/W 5-speed A/T	1
Nissan	370Z	2009-2020	3.7L	13
Nissan	Armada	2017-2024	5.6L	13
Nissan	NV1500	2017-2024	4.0L	13
Nissan	NV2500	2017-2025	5.6L	13
Nissan	NV3500	2017-2026	4.0L, 5.6L	13
Nissan	Titan	2017-2027	5.6L	13
Nissan	Titan XD	2017-2028	5.6L	13
Porsche	996 Carrera	1999-2001	--	12
Porsche	Boxster	1997-2008	--	12
Porsche	Cayman	2006-2008	--	12
Porsche	Macan	2015-2023	3.0L, 3.6L CVT Transmission	9
Seat	Cordoba	2002-2009	1.2, 1.4, 1.6, 2.0L; 1.4 TDI, 1.9 TDI	11
Skoda	Octavia	2005-2010	2.0L. CVT Transmission	9
Toyota	4Runner	2003-2022	4.0L, 4.7L	7
Toyota	FJ Cruiser	2007-2014	4.0L	7
Toyota	Land Cruiser	2003-2022	4.7L, 5.7L	7
Toyota	Sequoia	2004-2022	4.6L, 4.7L, 5.7L	7
Toyota	Tacoma	2005-2023	2.7L, 3.5L, 4.0L	7
Toyota	Tundra	2004-2022	4.0L, 4.6L, 4.7L, 5.7L	7
Volvo	S60	2006-2016	2.5L	2
Volvo	S60	2011-2016	3.0L	2
Volvo	S60	2014-2024	2.0L	2
Volvo	S60	2016-2018	2.0L, 2.5L Cross Country	2
Volvo	S80	2007-2010	4.4L	2
Volvo	S80	2007-2015	3.0, 3.2L	2
Volvo	S80	2014-2016	2.0L	2
Volvo	S90	2017-2024	2.0L	2
Volvo	V60	2014-2016	2.5L, 3.0L	2
Volvo	V60	2014-2024	2.0L	2
Volvo	V60	2015-2016	2.5L Cross Country	2
Volvo	V60	2017-2022	2.0L Cross Country	2
Volvo	V70	2006-2007	2.5L	2
Volvo	V70	2008-2010	3.0L, 3.2L	2
Volvo	V90	2017-2021	2.0L, 2.0L Cross Country	2
Volvo	XC40	2018-2022	2.0L	2
Volvo	XC60	2009-2016	3.0L, 3.2L	2

Make	Model	Year	Type	No.
Volvo	XC60	2014-2024	2.0L	2
Volvo	XC60	2015-2016	2.5L	2
Volvo	XC70	2008-2015	3.0L, 3.2L	2
Volvo	XC70	2014-2016	2.0L, 2.5L	2
Volvo	XC90	2005-2011	4.4L	2
Volvo	XC90	2007-2014	3.2L	2
Volvo	XC90	2016-2024	2.0L	2
VW	Arteon	2017-2019	7-speed dual clutch	8
VW	Arteon	2019-2021	2.0L. 6-speed AT	3
VW	Atlas	2018-2023	2.0L. 6-speed AT	3
VW	Atlas Cross Sport	2020-2023	2.0L. 6-speed AT	3
VW	Atlas Cross Sport	2020-2023	3.6L. 6-speed AT	3
VW	Beetle	2002-2006	1.8, 1.9L. 6-speed AT	3
VW	Beetle	2002-2006	1.9L. 6-speed dual clutch	8
VW	Beetle	2002-2019	2.0L. 6-speed AT	3
VW	Beetle	2006-2019	2.5L. 6-speed AT	3
VW	Beetle	2012-2019	2.0L. 6-speed dual clutch	8
VW	Beetle	2014-2017	1.8L. 6-speed AT	3
VW	CC	2009-2017	2.0L, 3.6L. 6-speed AT	3
VW	CC	2012-2017	2.0L, 3.6L. 6-speed dual clutch	8
VW	EOS	2006-2015	1.4, 1.6, 2.0, 3.2L; 2.0 TDI	11
VW	EOS	2007-2016	2.0L, 3.2L. 6-speed dual clutch	8
VW	Golf	2006-2007	1.9L, 2.0L. 6-speed AT	3
VW	Golf	2006-2015	2.0L. 6-speed dual clutch	8
VW	Golf	2006-2017	2.0L GTI. 6-speed AT	3
VW	Golf	2006-2023	2.0L Golf GTI. 6-speed dual clutch	8
VW	Golf	2010-2011	2.5L. 6-speed dual clutch	8
VW	Golf	2010-2015	2.0L, 2.5L. 6-speed AT	3
VW	Golf	2015-2017	1.4, 1.8L. 6-speed AT	3
VW	Golf	2017-2019	1.8L Alltrack. 6-speed dual clutch	8
VW	Golf	2018-2023	1.4L, 1.8L. 6-speed dual clutch	8
VW	ID.3	2020-2024	Pro, Pro S, Pure	9
VW	ID.4	2021-2024	GTX, Performane, Pro, Pure	9
VW	ID.5	2022-2024	Pro, Pro Performance	9
VW	Jetta	2005-2010	1.9L. 6-speed dual clutch	8
VW	Jetta	2005-2023	2.0L. 6-speed dual clutch	8
VW	Jetta	2014-2018	1.4, 1.8L. 6-speed AT	3
VW	Jetta	2019-2023	1.4L. 6-speed dual clutch	8
VW	Passat	1998-2005	1.8L, 2.8L. 6-speed AT	12
VW	Passat	2002-2004	4.0L. 6-speed AT	12
VW	Passat	2004-2006	2.0L, 4.2L. 6-speed AT	12
VW	Passat	2006-2010	2.0L. 6-speed AT	14
VW	Passat	2006-2010	3.6L. 6-speed AT	14
VW	Passat	2009-2012	2.0L Passat CC. 6-speed dual clutch	8
VW	Passat	2009-2018	3.6L. 6-speed dual clutch	8
VW	Passat	2009-2023	2.0L. 6-speed dual clutch	8
VW	Passat	2014-2017	1.8L. 6-speed AT	14
VW	Passat	2018-2022	2.0L. 6-speed AT	14
VW	Phaeton	2004-2006	6.0L. 6-speed AT	12
VW	Rabbit	2008-2009	2.5L. 6-speed dual clutch	8
VW	Sharan	2010-2023	1.4 TSI, 2.0 TDI 4motion	8
VW	Tiguan	2009-2022	2.0L. 6-speed AT	14
VW	Tiguan	2012-2023	2.0L. 6-speed dual clutch	8
VW	Tiguan	2013-2022	1.4L. 6-speed AT	14
VW	Tiguan	2013-2023	1.4L. 6-speed dual clutch	8
VW	Touareg	2002-2006	3.2 V6	11
VW	Touareg	2002-2010	4.2 V8; 5.0 TDI	11
VW	Touareg	2004-2010	6.0 W12; 2.5 R5 TDI, 3.0 TDI	11

Make	ModelY	Year	Type	No.
VW	Touareg	2005-20183	.6 V6 FSI1	1
VW	Touareg	2010-20183	.0 V6 TDI, 4.2 V8 FSI; 3.0 TDI Hybrid1	1
VW	Touran	2003-20232	.0 TDI	8
VW	T-Roc2	018-20196	-speed manual transmission	9
VW	T-Roc2	018-20197	-speed dual clutch gearbox for 4x4	8