



# SOLUTIONS

**ELECTROMAGNETIC**

**CLUTCH PTO'S**

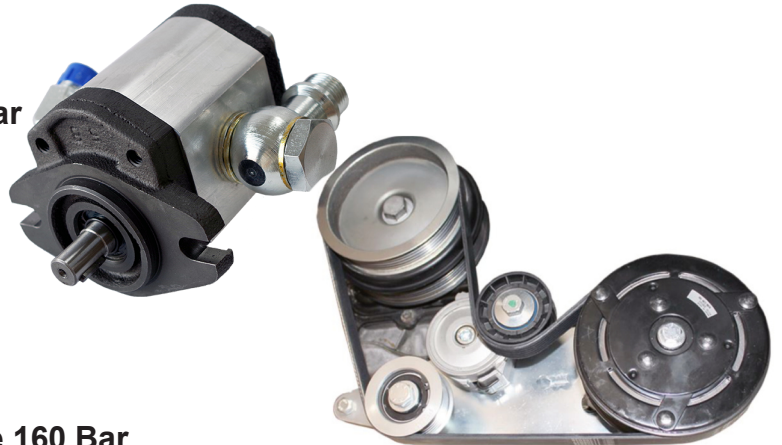
**CVH**   
NO.1 IN TRANSPORT  
HYDRAULICS

# Electromagnetic Clutch PTO's

PTOs (Power Take Off) are mostly used on commercial, industrial and agricultural vehicles to transmit power to auxiliary units in dump trucks, compactors, road sweeper, snowploughs, recovery vehicles hooklifts, truck mounted cranes, fuel tankers, asphalt spreader etc. This device is installed to the output which is located on the main transmission.

This solution enables hydraulic system operation when the base chassis has NO PTO aperture. With continued development since it's creation in 1990 the engine driven Electromagnetic PTO clutch is the preferred method over electro-powerpacks.

- Hydraulic Pump 8.2cc to 28cc
- Increased Power 160Bar-300Bar
- True Hydraulic power
- All vehicle solutions
- Quality engine mount kit
- Simple installation
- 25cc Pump Maximum pressure 160 Bar
- 8.2cc Pump Maximum pressure 300 Bar



We manufacture a wide range of PTOs and also develop custom products. The reason why a PTO has many different models is because it can be varied according to the type of main transmission with many extra features which differ from one another. This means that the vehicle does not have one specific PTO, which can vary depending on the model and the specifications of the transmission where the PTO will be installed. That is why we work closely with commercial vehicle transmission producers to ensure that our range of Power Take Off gears matches perfectly with the transmission gears.

Using the latest 3D scan technology we ensure perfect fitment.

**Our technical team offers advice on condition as well, maintenance and performance of any electromagnetic PTO clutch.**

**Just contact us with your chassis details and configuration including any Air conditioning installed.**



# VEHICLE MODELS FOR PTOs



Click on the manufacturers logo to view the range of PTOs available



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

Commercial Vehicle Hydraulics Ltd  
We reserve the right to make any changes without notice.  
Edition 2021-V1 No reproduction, however partial, is permitted.  
Carter Lane East, South Normanton, DE5 2DY  
Tel: 01733 581983 Fax: 01773 511521  
Website: www.cvhlt.co.uk email:enquiries@cvhlt.co.uk





## It's an ethos.

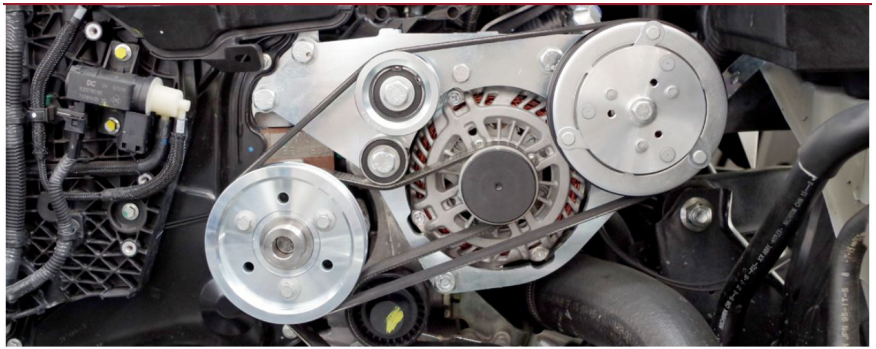
Mechanical things go wrong, fact. What makes the difference is how you respond when they do...

And at CVH, we have a total all-round commitment to ensuring a crisis never becomes a drama...

Solving the problem - making a decision and getting the vehicle back on the road, working again and earning its keep - is the priority. The details can be sorted later...

So we've invested in the knowledge and skills of our staff. In £1 million worth of parts and stock levels. In the availability of the things you need. And in the processes required to deliver them to you - whenever and wherever the need arises.

**Solutions. That's what makes us at CVH different...**



## Our VCA approved Workshop....

From South Normanton, we provide a full range of fitting, maintenance, repair and vehicle support services...

From Wet Kits and other ancillaries to salt spreaders, snow ploughs and a multitude of other applications, we have the skills, the resources, the experience and the know-how to exceed the highest standards of today's road transport sector.

**Solutions. From CVH.**



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

Commercial Vehicle Hydraulics Ltd  
*We reserve the right to make any changes without notice.*  
Edition 2021-V1 No reproduction, however partial, is permitted.  
Carter Lane East, South Normanton, DE5 2DY  
Tel: 01733 581983 Fax: 01773 511521  
Website: [www.cvh ltd.co.uk](http://www.cvh ltd.co.uk) email: [enquiries@cvh ltd.co.uk](mailto:enquiries@cvh ltd.co.uk)





# SOLUTIONS

**CVH**   
NO.1 IN TRANSPORT  
HYDRAULICS



**Commercial Vehicle  
Hydraulics Ltd**

Carter Lane East  
South Normanton  
Alfreton, Derbyshire  
DE55 2DY

t 01773 581983

f 01773 511521

e [enquiries@cvhltd.co.uk](mailto:enquiries@cvhltd.co.uk)


w [cvhltd.co.uk](http://cvhltd.co.uk)



# Citroen PTOs


		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
JUMPY 1.6 HDI	2010 - 2015		4/1600	FWD	NO	1>1.25	001201-6 12V 60Nm	CI102
JUMPY 1.6 HDI	2010 - 2015		4/1600	FWD	YES	1>1.10	001211-6 12V 60Nm	FI145
JUMPY 1.6 HDI	2016 - present		4/1600	FWD	NO	1>1.10	001031 12V 108Nm	CI206
JUMPY 2.0 HDI	2016 - present		4/1997	FWD	NO	1>1.20	001211-6 12V 60Nm	CI104
JUMPY 2.0 HDI	2016 - present		4/1997	FWD	YES	1>1.20	001211-6 12V 60Nm	CI105
JUMPER 2.2 HDI	2006 - 2016	4HU	4/2198	FWD	NO	1>1.15	001031 12V 108Nm	FO227
JUMPER 2.2 HDI	2006 - 2011	4HU	4/2198	FWD	YES	1>1.20	001211-6 12V 60Nm	FI137
JUMPER 2.2 HDI	2011 - 2016	4HU	4/2198	FWD	YES/NO	1>1.10	001041 12V 108Nm	CI201
JUMPER 2.0 HDI	2016 - 2020		4/1997	FWD	NO	1>1.20	001211-6 12V 60Nm	CI104
JUMPER 2.0 HDI	2016 - 2020		4/1997	FWD	YES	1>1.20	001211-6 12V 60Nm	CI105
JUMPER 2.0 HDI (for generator)	2016 - 2020		4/1997	FWD	YES	1>1.20	001211-6 12V 60Nm	CI107
JUMPER 2.2	2020 - present		4/2179	FWD	YES	1>1.00	001351 / 100Nm	PE201
JUMPER 2.8 TD / HDI	1999 - 2006		4/2800	FWD	NO	1>1.20	001031 12V 108Nm	FI202
JUMPER 2.8 TD / HDI	1999 - 2006		4/2800	FWD	YES	1>1.20	001211-5 12V 60Nm	FI142
JUMPER 3,0 HDI	2007 - present	F1C	4/2998	FWD	YES	1>1.30	001211-4 12V 60Nm	FI154
JUMPER 3,0 HDI	2007 - present	F1C	4/2998	FWD	NO	1>1.15	001031 12V 108Nm	IV214
JUMPER 3,0 HDI	2007 - present	F1C	4/2998	FWD	YES	1>1.15	001041 12V 108Nm	FI258

# FIAT PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
DOBLO 1.6 - 2.0 Multijet	2010 - 2016		4/1598 4/1997	FWD	YES	1>1.10	001041 12V 108Nm	FI251
DOBLO 1.6 - 2.0 Multijet	2016 - present		4/1598 4/1997	FWD	YES	1>1.20	001211-6 12V 60Nm	FI157
DOBLO 1.6 Multijet 2-2.0 Multijet 2	2016 - present		4/1598 4/1997	FWD	YES	1>1.20	001041 12V 108Nm	FI257
SCUDO 1.6 - 2.0 Multijet	2010 - 2016		4/1598 4/1997	FWD	YES	1>1.20	001211-6 12V 60Nm	FI145
DUCATO 100 Multijet	2006 - 2011		4/2198	FWD	NO	1>1.15	001031 12V 108Nm	FO227
DUCATO 100 Multijet	2006 - 2011		4/2198	FWD	YES	1>1.20	001211-6 12V 60Nm	FI137
DUCATO 2.3 Multijet	2006 - 2016	F1A	4/2286	FWD	NO	1>1.15	001031 12V 108Nm	FI206
DUCATO 120 130 150 Multijet	2006 - 2016	F1A	4/2286	FWD	YES	1>1.30	001211-4 12V 60Nm	FI153
DUCATO 120 130 150 Multijet	2006 - 2016	F1A	4/2286	FWD	YES	1>1.15	001031 12V 108Nm	FI249
DUCATO 2.3 Multijet 2	2017 - 2019	F1A	4/2286	FWD	NO	1>1.15	001031 12V 108Nm	FI206
DUCATO 2.3 Multijet 2	2017 - 2019	F1A	4/2286	FWD	YES	1>1.30	001211-4 12V 60Nm	FI156
FIAT Ducato 2.3 Multijet 2	2017 - 2019	F1A	4/2286	FWD	YES	1>1.15	001041 12V 108Nm	FI256
FIAT Ducato 2.3 Multijet 2 - Euro 6D	2020 - present	F1A	4/2286	FWD	NO	1>1.15	001031 12V 108Nm	FI161
FIAT Ducato 2.3 Multijet 2 - Euro 6D	2020 - present	F1A	4/2286	FWD	YES	1>1.30	001211-4 12V 60Nm	FI160
FIAT Ducato 2.3 Multijet 2 - Euro 6D	2020 - present	F1A	4/2286	FWD	YES	1>1.15	001041 12V 108Nm	FI260
DUCATO 2,8 D - TD - JTD	1999 - 2006		4/2800	FWD	NO	1>1.10	001031 12V 108Nm	FI202
DUCATO 2,8 D - TD - JTD	1999 - 2006		4/2800	FWD	YES	1>1.15	001211-5 12V 60Nm	FI142
DUCATO 3,0 Multijet Power	2006 - present	F1C	4/2998	FWD	NO	1>1.15	001031 12V 108Nm	IV214
DUCATO 3,0 Multijet Power	2006 - present	F1C	4/2998	FWD	YES	1>1.30	001211-4 12V 60Nm	FI154
DUCATO 3,0 Multijet Power	2006 - present	F1C	4/2998	FWD	YES	1>1.15	001041 12V 108Nm	FI258




# FORD PTOs


		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
RANGER Pick-Up 2,5 TDCI	2006 - 2011	Duratorq	4/2500	4x2 4x4	NO	1>1.20	001012 12V 60Nm	MZ101
RANGER Pick-Up 2,5 TDCI	2006 - 2011	Duratorq	4/2500	4x2 4x4	YES	1>1.05	001041 12V 108Nm	FO233
RANGER Pick-Up 2,2 TDCI Euro 5 - 6	2012 - 2015	Duratorq	4/2198	4x2 4x4	NO	1>1.35	001211-7 12V 60Nm	FO118
RANGER Pick-Up 2,2 TDCI E5 - E6	2012 - 2015	Duratorq	4/2198	4x2 4x4	YES/NO	1>1.15	001061 12V 108Nm	FO224G
RANGER Pick-Up 2,2 TDCI	2016 - 2019	Duratorq	4/2198	4x2 4x4	YES/NO	1>1.15	001041 12V 108Nm	FO230
RANGER Pick-Up 2,0 ECO Blue	2020 - present		4/2000	4x2 4x4	YES/NO	1>1.15	001351	FO239
RANGER Pick-Up 2,0 ECO Blue	2020 - present		4/2000	4x2 4x4	YES/NO	1>1.15	001351	FO241
RANGER Pick-Up 2,5 i	2012 - present		4/2500	4x2 4x4	YES	1>1.10	001041 12V 108Nm	FO221
RANGER Pick-Up 3.2	2016 - 2017		5/3200	4x2 4x4	YES/NO	1>1.10	001041 12V 108Nm	FO231
RANGER Pick-Up 3.2	2017 - present		5/3200	4x2 4x4	YES/NO	1>1.10	001041 12V 108Nm	FO236
TRANSIT 190	1992 - 2000		4/2496	RWD	NO	1>1.10	001211-6 12V 60Nm	FO101
TRANSIT 330/350 2,4 TDCI	2000 - 2006	Duratorq	4/2402	RWD	YES/NO	1>1.15	001041 12V 108Nm	FO211
TRANSIT 350/430 2,4 TDCI	2000 - 2011	Duratorq	4/2402	RWD	NO	1>1.35	001211-7 12V 60Nm	FO115
TRANSIT 350/430 2,4 TDCI	2006 - 2011	Duratorq	4/2402	RWD	YES/NO	1>1.15	001041 12V 108Nm	FO216
TRANSIT 3,2 TDCI Euro 4	2007 - present	Duratorq	5/3200	RWD	YES/NO	1>1.15	001041 12V 108Nm	FO212
TRANSIT 2,2 TDCI Euro 5	2011 - 2016	Duratorq	4/2198	RWD 4x4	NO	1>1.35	001011-7 12V 60Nm	FO119
TRANSIT 2,2 TDCI Euro 6	2011 - 2016	Duratorq	4/2198	RWD 4x4	YES/NO	1>1.15	001041 12V 108Nm	FO225
TRANSIT 2.0 Eco Blue Euro 6	2016 - 2017	YNR6	4/2000	RWD 4x4	YES/NO	1>1.10	001041 12V 108Nm	FO229
TRANSIT 2.0 Eco Blue Euro 6	2017 - present	YNR6	4/2000	RWD 4x4	YES/NO	1>1.10	001041 12V 108Nm	FO235
TRANSIT 2,2 TDCI Euro 4 - 5 - 6	2006 - 2016	QWFA	4/2198	FWD	NO	1>1.15	001031 12V 108Nm	FO120




# FORD PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
TRANSIT 2.2 TDCI Euro 5	2011 - 2013	QWFA	4/2198	FWD	YES	1>1.20	001211-6 12V 60Nm	FO120
TRANSIT 2.2 TDCI Euro 6	2014 - 2016	QWFA	4/2198	FWD	YES	1>1.15	001041 12V 108Nm	FO223
TRANSIT 2.0 Eco Blue - Euro 6	2016 - present	YNR6	4/2000	FWD	NO	1>1.10	001041 12V 108Nm	FO234
TRANSIT 2.0 Eco Blue - Euro 6	2019 - 2019	YNR6	4/2000	FWD	NO	1>1.10	001041 12V 108Nm	FO237
TRANSIT 2.0 Eco Blue - Euro 6	2016 - present	YNR6	4/2000	FWD	YES	1>1.10	001041 12V 108Nm	FO232

# DFSK PTOs

 DFSK		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
Mini Truck V21	2011 - present	BG13-20	4/1310	RWD	YES/NO	1>1	001201-4 12V 60Nm	GV102
Mini Truck C31 C32	2017 - present	DK15-06	4/1499	RWD	YES	1>1	001201-4 12V 60Nm	DF103
Mini Truck C31 C32	2017 - present	DK15-06	4/1499	RWD	NO	1>1	001201-4 12V 60Nm	DF104

# HYUNDAI PTOs

 HYUNDAI		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
HR2500	2007 - present		4/2497	RWD	NO	1>1.00	001211-7 12V 60Nm	HY105




COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =


Commercial Vehicle Hydraulics Ltd  
We reserve the right to make any changes without notice.  
Edition 2021-V1 No reproduction, however partial, is permitted.  
Carter Lane East, South Normanton, DE5 2DY  
Tel: 01733 581983 Fax: 01773 511521  
Website: [www.cvhlt.co.uk](http://www.cvhlt.co.uk) email: [enquiries@cvhlt.co.uk](mailto:enquiries@cvhlt.co.uk)




# GIOTTI VICTORIA PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
GLADIATOR	2010 - present	AF10-06	4/1012	RWD	YES/NO	1>1.00	001201-4 12V 60Nm	GV101
GLADIATOR	2010 - present	BG13-20	4/1310	RWD	YES/NO	1>1.00	001201-4 12V 60Nm	GV102
GLADIATOR EVO Euro 6	2018 - present		4/1240	RWD	NO	1>1.00	001272-4 12V 60Nm	GV104
GLADIATOR EVO Euro 6	2018 - present		4/1240	RWD	YES	1>1.00	001281-4 12V 60Nm	GV105
GLADIATOR EVO Euro 6	2018 - present	DK15-06	4/1499	RWD	NO	1>1.00	001272-4 12V 60Nm	DF104
GLADIATOR EVO Euro 6	2018 - present	DK15-06	4/1499	RWD	YES	1>1.00	001272-4 12V 60Nm	DF103

# KIA MOTORS PTOs


 KIA MOTORS		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
BONGO K2500	2007 - present		4/2497	RWD	NO	1>1.00	001211-7 12V 60Nm	HY105

# MAHINDRA PTOs

 Mahindra		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
GOA PICK-UP 2.2 CRDe	2014 - present		4/2179	4x2 4x4	YES	1>1.10	001041 12V 108Nm	MH205




# ISUZU PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
D-Max Pick-Up 2,5 / 3,0 TD E4 - E5	2007 - 2013	4JK1, 4JJ1	4/2499 4/3000	4x2 4x4	NO	1>1.20	001002 12V 60Nm	IS110
D-Max Pick-Up 2,5 / 3,0 TD	2014 - 2016	4JK1, 4JJ1	4/2499 4/3000	4x2 4x4	NO	1>1.20	001032 12V 108Nm	IS221
D-Max Pick-Up 2,5 / 3,0 TD	2007 - 2016	4JK1, 4JJ1	4/2499 4/3000	4x2 4x4	NO	1>1.10	001031 12V 108Nm	IS226
D-Max Pick-Up 2,5 / 3,0 TD	2007 - 2016	4JK1, 4JJ1	4/2499 4/3000	4x2 4x4	NO	1>1.10	001041 12V 108Nm	IS222G
D-MAX 1,9 - PICK-UP	2017 - 2017	JHT	4/1898	4x2 4x4	NO	1>1.10	001201-6 12V 60Nm	IS128
D-MAX 1,9 - PICK-UP	2017 - 2017	JHT	4/1898	4x2 4x4	YES/NO	1>1.10	001031 12V 108Nm	IS227
D-MAX 1,9 - PICK-UP	2018 - present	RZ4E	4/1898	4x2 4x4	YES/NO	1>1.10	001031 12V 108Nm	IS231
M 21	2017 - present	RZ4E	4/1898	RWD	YES/NO	1>1.10	001031 12V 108Nm	IS229
NPR 75 Evolution	2007 - present	4HK1E4	4/5193	RWD	NO	1>1.20	001038 24V 108Nm	IS213
NPR 75 Evolution	2007 - present	4HK1E4	4/5193	RWD	YES	1>1.20	001038 24V 108Nm	IS214
NPR 75 Evolution	2018 - present	4HK16C	4/5193	RWD	YES	1>1.00	001338 24V 108Nm	IS230
NPR 82 HD - P75H - CNG	2007 - present	4HV1	4/4570	RWD	YES	1>1.20	001038 24V 108Nm	IS223
NPR 85 L35	2006 - 2013	4JJ1	4/3000	RWD	NO	1>1.20	001009 24V 60Nm	IS110
NPR 85 L35	2006 - 2013	4JJ1	4/3000	RWD	YES	1>1.20	001009 24V 60Nm	IS111
NPR 85 L35	2006 - 2013	4JJ1	4/3000	RWD	NO	1>1.10	001038 24V 108Nm	IS219
NPR 85 E4 / E5	2006 - 2013	4JJ1	4/3000	RWD	YES	1>1.10	001038 24V 108Nm	IS216
NPR 85 - Euro 6	2014 - present	4JJ1	4/3000	RWD	YES	1>1.10	001038 24V 108Nm	IS224
NPR 85 - Euro 6	2014 - present	4JJ1	4/3000	RWD	NO	1>1.10	001038 24V 108Nm	IS225

# IVECO PTOs

<b>IVECO</b>		<b>Engine Features</b>				<b>Kit</b>		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
DAILY 2.3 JTD	2006 -2016	F1A	4/2286	RWD	NO	1>1.20	001031 12V 108Nm	FI206
Daily 2.3 JTD Multijet 2	2017 - 2018	F1A	4/2286	RWD	NO	1>1.10	001031 12V 108Nm	IV229
Daily 2.3 JTD Multijet 2	2019 - present	F1A	4/2286	RWD	NO	1>0.90	001431 12V 140Nm	IV233
Daily 2.3 JTD Multijet 2	2006 - 2018	F1A	4/2286	RWD	YES	1>0.90	001331 12V 108Nm	IV232
Daily 2.3 JTD Multijet 2	2019 - present	F1A	4/2286	RWD	YES	1>0.90	001431 12V 140Nm	IV234
DAILY 3,0 JTD - Manual and HI-MATIC	2006 - present	F1C	4/2998	RWD	NO	1>1.20	001031 12V 108Nm	IV214
DAILY 3,0 JTD - Manual and HI-MATIC	2006 - present	F1C	4/2998	RWD	YES	1>1.00	001331 12V 108Nm	IV230
DAILY 3,0 JTD - Manual and HI-MATIC	2006 - present	F1C	4/2998	RWD	YES	1>1.00	001451	IV336
DAILY 4x4 JTD - HPI - HPT	2010 - 2017	F1C	4/2998	4x4	NO	1>1.20	001031 12V 108Nm	IV214
DAILY 4x4 JTD - HPI - HPT	2010 - 2017	F1C	4/2998	4x4	YES	1>1.05	001041 12V 108Nm	IV211
DAILY 4x4 3,0	2017 - present	F1C	4/2998	4x4	YES	1>0.90	001431 12V 140Nm	IV235

# LAND ROVER PTOs

		<b>Engine Features</b>				<b>Kit</b>		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
DEFENDER	1998 - 2006	TD5	5/2495	4x2 4x4	NO	1>1.20	001031 12V 108Nm	LR203
DEFENDER	2007 - 2012	Duratorq	4/2402	4x2 4x4	YES/NO	1>1.20	001011-6 12V 60Nm	LR101
DEFENDER	2013 - present	Duratorq	4/2198	4x2 4x4	YES/NO	1>1.15	001041 12V 108Nm	LR202




COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

Commercial Vehicle Hydraulics Ltd  
We reserve the right to make any changes without notice.  
Edition 2021-V1 No reproduction, however partial, is permitted.  
Carter Lane East, South Normanton, DE5 2DY  
Tel: 01733 581983 Fax: 01773 511521  
Website: www.cvhlt.co.uk email:enquiries@cvhlt.co.uk







# MAN PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
TGE	2017 - present		4/1968	RWD	YES/NO	1>1.10	001031 12V 108Nm	VW219
TGE	2017 - present		4/1968	FWD	YES/NO	1>1.10	001041 12V 108Nm	VW217


# MAZDA PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
BT-50 Pick-Up	2006 - 2012		4/2500	4x2 4x4	NO	1>1.20	001012 12V 60Nm	MZ101

# MULTICAR PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
Multicar M 27	2011 - present	VW CJDA	4/1968	4x2 4x4	NO	1>1.05	001041 12V 108Nm	MC201
Multicar M 31T	2011 - present	F1C	4/2998	4x2 4x4	NO	1>1.05	001041 12V 108Nm	MC202
Multicar M	2011 - present	F1C	4/2998	4x2 4x4	NO	1>1.05	001041 12V 108Nm	MC203
Multicar M	2017 - present	F1C	4/2998	4x2 4x4	YES	1>1.00	001331 12V 108Nm	MC204

# MERCEDES BENZ PTOs


 Mercedes-Benz		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
SPRINTER 208-211-213- 308-311-313- 411-413 / CDI	2000 - 2006	OM611	4/2150	RWD	NO	1>1.15	001031 12V 108Nm	MB202
SPRINTER 208-211-213- 308-311-313- 408-411-413 /CDI	2000 - 2006	OM611	4/2150	RWD	YES	1>1.00	001042 12V 108Nm	MB207
SPRINTER 208-211-213- 308-311-313- 408-411-413 /CDI	2000 - 2006	OM611	4/2150	RWD	YES	1>1.00	001042 12V 108Nm	MB208
SPRINTER 216 - 316 - 416 / CDI	2000 - 2006	OM612	5/2686	RWD	NO	1>1.15	001031 12V 108Nm	MB202
SPRINTER 216-316-416 / CDI	2000 - 2006	OM612	5/2686	RWD	YES	1>1.00	001042 12V 108Nm	MB207
SPRINTER 216-316-416 / CDI	2000 - 2006	OM612	5/2686	RWD	YES	1>1.00	001042 12V 108Nm	MB208
SPRINTER 318 - 518 / CDI - E4	2006 - 2009	OM642	6/2987	RWD	YES/NO	1>1.15	001031 12V 108Nm	MB211
SPRINTER 318 - 518 / CDI - E5 / E6	2006 - 2009	OM642	6/2987	RWD	YES/NO	1>1.15	001031 12V 108Nm	MB219
SPRINTER 319 - 519 / CDI - E5 / E6	2009 - 2020	OM642	6/2987	RWD	YES/NO	1>1.15	001031 12V 108Nm	MB211
SPRINTER 319 - 519 / CDI - E5 / E6	2009 - 2020	OM642	6/2987	RWD	YES/NO	1>1.15	001031 12V 108Nm	MB222
SPRINTER 319 - 519 / CDI - E6	2020 - present	OM642	6/2987	RWD	YES/NO	1>1.15	EC-MB239 12V 108Nm	MB239
SPRINTER 319 - 519 / CDI - E6	2020 - present	OM642	6/2987	RWD	YES/NO	1>1.15	EC-MB239 12V 108Nm	MB240
SPRINTER 209-211-213- 215-216-309- 311-313-315- 316-411-415- 509-511-515- 516 / CDI E4	2006 - 2009	OM646	4/2148	RWD	YES/NO	1>1.10	001031 12V 108Nm	MB212
SPRINTER 209-211-213- 215-216-309- 311-313-315- 316-411-415- 509-511-515- 516 / CDI E4	2006 - 2009	OM646	4/2148	RWD	YES/NO	1>1.10	001031 12V 108Nm	MB209
SPRINTER 210-213-216- 310-313-316- 416-510-513- 516 / CDI E5 / E6	2009 - present	OM651	4/2143	RWD	YES/NO	1>1.10	001031 12V 108Nm	MB224




# MERCEDES BENZ PTOs

 Mercedes-Benz		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
SPRINTER 210-213-216- 310-313-316- 416-510-513- 516 / CDI - E5	2009 - 2013	OM651	4/2143	RWD	YES/NO	1>1.10	001031 12V 108Nm	MB225
SPRINTER 210-213-216- 310-313-316- 416-510-513- 516 / CDI - E6	2014 - 2017	OM651	4/2143	RWD	YES/NO	1>1.10	001031 12V 108Nm	MB226
SPRINTER 210-213-216- 310-313-316- 416-510-513- 516 / CDI - E6	2017 - present	OM651	4/2143	RWD	YES/NO	1>1.00	001331 12V 108Nm	MB231R
SPRINTER 210-213-216- 310-313-316- 416-510-513- 516 / CDI - E6	2017 - present	OM651	4/2143	RWD	YES/NO	1>1.00	001331 12V 108Nm	MB233R
SPRINTER 314	2019 - present	OM651	4/2143	FWD	YES	1>1.30	001211-6 12V 60Nm	MB137
SPRINTER 210-213-216- 310-313-316- 416-510-513- 516 / CDI - E6	2009 - 2021	OM651	4/2143	RWD	YES/NO	1>1.00	MB24500 12V 108Nm	MB245
SPRINTER 210-213-216- 310-313-316- 416-510-513- 516 / CDI - E6	2009 - 2021	OM651	4/2143	RWD	YES/NO	1>1.00	MB24500 12V 108Nm	MB246
SPRINTER 224.....524	2007 - present	M272	6/3498	RWD	YES	1>1.25	001031 12V 108Nm	MB217
SPRINTER 224.....524	2007 - present	M272	6/3498	RWD	NO	1>1.35	001201-6 12V 60Nm	MB118
SPRINTER 316 NTG - 516 NGT	2008 - 2013	M271	4/1796	RWD	YES/NO	1>1.05	001201-4 12V 60Nm	MB121
SPRINTER 316-516 NGT	2014 - present	M271	4/1796	RWD	YES/NO	1>1.05	001041 12V 108Nm	MB230


# mitsubishi PTOs

 MITSUBISHI		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
L 200 Pick-Up 2.5 TDI	1996 - 2015		4/2477	4x2 4x4	NO	1>1.00	001002 12V 60Nm	MI101
L 200 Pick-Up 2.5 TDI	1996 - 2006		4/2477	4x2 4x4	YES	1>1.15	001201-5 12V 60Nm	MI106
L 200 Pick-Up 2.5 TDI	2006 - 2015		4/2477	4x2 4x4	YES	1>1.00	001031 12V 108Nm	MI209
L 200 Pick-Up	2020 - present	DI - D	4/2200	4x2 4x4	YES/NO	1>1.00	MI21200 12V 108Nm	MI212
CANTER FUSO Euro 4 - 5	2009 - 2012	4M42	4/2998	RWD	YES/NO	1>1.35	001201-4 12V 60Nm	MI107
CANTER FUSO Euro 4 - 5	2009 - 2012	4M42	4/2998	RWD	NO	1>1.35	001201-7 12V 60Nm	MI108
CANTER FUSO Euro 6	2013 - present	4M42	4/2998	RWD	YES/NO	1>1.20	001031 12V 108Nm	MI211


# ROMANITAL PTOs

 romanital		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
ERCOLINO	2010 - present	BG13-20	4/1310	RWD	YES/NO	1>1.00	001201-4 12V 60Nm	GV102
F14	2013 - present	DOHC	4/1400	RWD	NO	1>1.00	001211-4 12V 60Nm	RO102
GRINGO	2017 - present	JL473Q	4/1443	RWD	NO	1>1.00	001081-4 12V 60Nm	RO103

# PIAGGIO PTOs


 PIAGGIO®		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
PORTER Benzina - Euro 4	1998 - 2010	Daihatsu	4/1300	RWD	NO	1>1.00	001201-4 12V 60Nm	PI103
PORTER Multitech - Euro 5	2011 - 2015	Dongan	4/1308	RWD	NO	1>0.80	001011 12V 60Nm	PI105
PORTER Multitech - Euro 6	2015 - 2020		4/1299	RWD	NO	1>1.15	001081-5 12V 60Nm	PI111
PORTER NP 6	2021 - present		4/1498	RWD	YES/NO	1>1.00	001091-5 12V 60Nm	PI116
PORTER Maxxi NP6	2021 - present		4/1498	RWD	YES/NO	1>1.00	001081-5 12V 60Nm	PI116
PORTER Diesel - Euro 5	2011 - 2013		2/1200	RWD	NO	1>0.80	001011 12V 60Nm	PI107
PORTER Diesel - Euro 5	2014 - 2015		2/1200	RWD	NO	1>0.80	001011 12V 60Nm	PI110

# VEM PTOs


		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
VEM OPEN Euro 4	2010 - present	BG13-20	4/1310	RWD	YES/NO	1>1.00	001201-4 12V 60Nm	GV102




# NISSAN PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
NAVARA Pick-Up	2011 - 2015		4/2500	4x2 4x4	YES	1>1.10	001211-4 12V 60Nm	NI117
NAVARA Pick-Up	2011 - 2015		4/2500	4x2 4x4	NO	1>1.25	001211-7 12V 60Nm	NI118
NAVARA Pick-Up	2016 - present		4/2300	4x2 4x4	YES	1>1.70	001271-5 12V 60Nm	NI119
CABSTAR 2,5 Euro 4	2008 - 2011		4/2500	RWD	NO	1>1.20	001031 12V 108Nm	NI209
CABSTAR	2008 - 2011		4/2500	RWD	YES	1>1.30	001211-7 12V 60Nm	NI111
CABSTAR	2011 - present		4/2500	RWD	NO	1>1.20	001041 12V 108Nm	NI213
CABSTAR	2011 - 2016		4/2500	RWD	YES	1>1.30	001211-7 12V 60Nm	NI114
CABSTAR NT400	2011 - present		4/3000	RWD	NO	1>1.10	001041 12V 108Nm	NI213
CABSTAR NT400	2017 - present		4/3000	RWD	YES	1>1.10	001041 12V 108Nm	RE217
CABSTAR NT500	2017 - present		4/3000	RWD	YES	1>1.10	001031 12V 108Nm	NI220
NV200 1.6 DCI	2014 - present		4/1600	FWD	NO	1>1.10	001201-4 12V 60Nm	RE114
NV200 1.6 DCI	2014 - present		4/1600	FWD	YES	1>1.10	001211-6 12V 60Nm	RE115
INTERSTAR 2.2 DCI - 2.5 DCI	2002 - 2010		4/2188 4/2463	FWD	NO	1>1.15	01211-7 12V 60Nm	RE102
INTERSTAR 2.2 DCI - 2.5 DCI	2002 - 2010		4/2188 4/2463	FWD	NO	1>1.15	001201-6 12V 60Nm	RE109
INTERSTAR 2.2 DCI - 2.5 DCI	2002 - 2010		4/2188 4/2463	FWD	YES	1>1.15	001201-6 12V 60Nm	RE109
INTERSTAR NV400 - 2.3 DCI	2010 - 2018		4/2300	FWD	YES	1>1.05	001041 12V 108Nm	RE210
INTERSTAR NV400 - 2.3 DCI	2010 - present		4/2300	FWD	NO	1>1.20	001211-7 12V 60Nm	RE111
INTERSTAR NV400 - 2.3 DCI	2010 - present		4/2300	FWD	NO	1>1.05	001041 12V 108Nm	RE212
INTERSTAR NV400 - 2.3 DCI	2019 - present		4/2300	FWD	YES	1>1.00	001201-5 12V 60Nm	RE123
INTERSTAR NV400 - 2.3 DCI	2019 - present		4/2300	FWD	YES	1>1.00	001201-5 12V 60Nm	RE124


# NISSAN PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
INTERSTAR NV400 - 2.3 DCI	2019 - present		4/2300	FWD	YES	1>1.00	001201-6 12V 60Nm	RE224
INTERSTAR NV400 - 2.3 DCI	2010 - present		4/2300	RWD	YES	1>1.05	001031 12V 108Nm	RE213
INTERSTAR NV400 - 2.3 DCI	2010 - present		4/2300	RWD	NO	1>1.20	001211-7 12V 60Nm	RE111
INTERSTAR NV400 - 2.3 DCI	2010 - present		4/2300	RWD	NO	1>1.05	001031 12V 108Nm	RE213

# TOYOTA PTOs


		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
HILUX 2.5 TD / 3.0 TD	2011 - 2015	2KD-FTV	4/2494 4/3000	4x2 4x4	YES	1>1.30	001041 12V 108Nm	TO203
HILUX 2.5 TD / 3.0 TD	2011 - 2015	2KD-FTV	4/2494 4/3000	4x2 4x4	NO	1>1.30	001211-7 12V 60Nm	TO104
HILUX 2.5 TD / 3.0 TD	2011 - 2015	2KD-FTV	4/2494 4/3000	4x2 4x4	NO	1>1.30	001031 12V 108Nm	TO206
HILUX 2.4 D-4D	2016 - present	D-4D	4/2400	4x2 4x4	YES	1>1.30	001041 12V 108 Nm	TO208
HILUX 2.4 D-4D	2016 - present	D-4D	4/2400	4x2 4x4	NO	1>1.30	001031 12V 108Nm	TO109
LAND CRUISER	1990 - 2013	1HZ 1HD	6/4200	4x2 4x4	NO	1>1.20	001012 12V 60Nm	TO105
LAND CRUISER HZJ79	2017 - present	1HZ	6/4200	4x2 4x4	YES	1>1.10	001061 12V 108Nm	TO207
LAND CRUISER HZJ79 (benzina)	2019 - present	GRJ79	6/4000	4x2 4x4	YES	1>1.00	001031 12V 108Nm	TO210
DYNA 3.0		1KD-FTV	4/2982	RWD	NO	1>1.30	001201-7 12V 60Nm	TO101
DYNA 3.0		1KD-FTV	4/2982	RWD	YES	1>1.40	001013 12V 60Nm	TO102

# PEUGEOT PTOs


 PEUGEOT		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
EXPERT 1,6 HDI	2010 - 2015		4/1600	FWD	NO	1>1.25	001201-6 12V 60Nm	CI102
EXPERT 1,6 HDI	2010 - 2015		4/1600	FWD	YES	1>1.10	001211-6 12V 60Nm	FI145
EXPERT 2.0 HDI	2016 - present		4/1997	FWD	NO	1>1.10	001031 12V 108Nm	CI206
EXPERT 2.0 HDI	2016 - present		4/1997	FWD	NO	1>1.20	001211-6 12V 60Nm	CI104
BOXER 2.0 HDI	2016 - present		4/1997	FWD	YES	1>1.20	001211-6 12V 60Nm	CI105
BOXER 2,2 HDI	2006 - 2016	4HU	4/2198	FWD	NO	1>1.15	001031 12V 108Nm	FO227
BOXER 2,2 HDI	2006 - 2011	4HU	4/2198	FWD	YES	1>1.20	001211-6 12V 60Nm	FI137
BOXER 2,2 HDI	2011 - 2016	4HU	4/2198	FWD	YES/NO	1>1.10	001041 12V 108Nm	CI201
BOXER 2.0 HDI	2016 - 2020		4/1997	FWD	NO	1>1.20	001211-6 12V 60Nm	CI104
BOXER 2.0 HDI	2016 - 2020		4/1997	FWD	YES	1>1.20	001211-6 12V 60Nm	CI105
BOXER 2,0 HDI (for generators)	2016 - 2020		4/1997	FWD	YES	1>1.20	001211-6 12V 60Nm	CI107
BOXER 2.2	2020 - present		4/2179	FWD	YES	1>1.00	001351 12V 108Nm	PE201
BOXER 2,8 TD / HDI	1999 - 2006		4/2800	FWD	NO	1>1.10	001031 12V 108Nm	FI202
BOXER 2,8 TD / HDI	1999 - 2006		4/2800	FWD	YES	1>1.20	001211-5 12V 60Nm	FI142
BOXER 3,0 HDI	2007 - present	F1C	4/2998	FWD	NO	1>1.15	001031 12V 108Nm	IV214
BOXER 3,0 HDI	2007 - present	F1C	4/2998	FWD	YES	1>1.25	001211-4 12V 60Nm	FI154
BOXER 3,0 HDI	2007 - present	F1C	4/2998	FWD	YES	1>1.15	001041 12V 108Nm	FI258




# RENAULT PTOs

 <b>RENAULT</b>		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
TRAFIC 1.6 DCI	2014 - present		4/1600	FWD	NO	1>1.10	001201-4 12V 60Nm	RE114
TRAFIC 1.6 DCI	2014 - present		4/1600	FWD	YES	1>1.10	001211-6 12V 60Nm	RE115
MASTER 2,2 DCI - 2,5DCI	2002 - 2010		4/2188 4/2463	FWD	NO	1>1.15	001211-7 12V 60Nm	RE102
MASTER 2,2 DCI - 2,5DCI	2002 - 2010		4/2188 4/2463	FWD	NO	1>1.16	001201-6 12V 60Nm	RE109
MASTER 2,2 DCI - 2,5DCI	2002 - 2010		4/2188 4/2463	FWD	YES	1>1.16	001201-6 12V 60Nm	RE109
MASTER 2,3	2010 - 2018		4/2300	FWD	YES	1>1.05	001041 12V 108Nm	RE210
MASTER 2,3	2010 - present		4/2300	FWD	NO	1>1.20	001211-7 12V 60Nm	RE111
MASTER 2,3	2010 - present		4/2300	FWD	NO	1>1.05	001041 12V 108Nm	RE212
MASTER 2,3	2020 - present		4/2300	FWD	YES	1>1.00	001211-6 12V 60Nm	RE123
MASTER 2,3	2020 - present		4/2300	FWD	YES	1>1.00	001211-6 12V 60Nm	RE124
MASTER 2,3	2020 - present		4/2300	FWD	YES	1>1.00	001351 12V 108Nm	RE224
MASTER 2,3	2010 - present		4/2300	RWD	YES	1>1.00	001031 12V 108Nm	RE213
MASTER 2,3	2010 - present		4/2300	RWD	NO	1>1.20	001211-7 12V 60Nm	RE111
MASTER 2,3	2010 - present		4/2300	RWD	NO	1>1.00	001031 12V 108Nm	RE213
MAXITI DXI 2,5 Euro 4	2008 - 2016	M4AB-40	4/2500	RWD	NO	1>1.20	001031 12V 108Nm	NI209
MAXITI DXI 2,5 Euro 4	2008 - 2016	M4AB-40	4/2500	RWD	YES	1>1.30	001011 12V 60Nm	NI111
MAXITI DXI 2,5 Euro 4	2008 - 2016	M4AB-40	4/2500	RWD	NO	1>1.20	001041 12V 108Nm	NI213
MAXITI DXI 2,5 Euro 4	2008 - 2016	M4AB-40	4/2500	RWD	YES	1>1.30	001001 12V 60Nm	NI114
MAXITI 3.0	2017 - present		4/3000	RWD	YES	1>1.10	001031 12V 108Nm	RE217

# OPEL PTOs


		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
VIVARO 1.6 DCI	2014 - present		4/1600	FWD	NO	1>1.10	001201-4 12V 60Nm	RE114
VIVARO 1.6 DCI	2014 - present		4/1600	FWD	YES	1>1.10	001211-6 12V 60Nm	RE115
MOVANO 2,2 DTI / DCI 2,5 DTI / DCI	2002 - 2010		4/2188 4/2463	FWD	NO	1>1.15	001211-7 12V 60Nm	RE102
MOVANO 2,2 DTI / DCI 2,5 DTI / DCI	2002 - 2010		4/2188 4/2463	FWD	NO	1>1.15	001201-6 12V 60Nm	RE109
MOVANO 2,2 DTI / DCI 2,5 DTI / DCI	2002 - 2010		4/2188 4/2463	FWD	YES	1>1.15	001201-6 12V 60Nm	RE109
MOVANO 2,3	2010 - 2018		4/2300	FWD	YES	1>1.05	001041 12V 108Nm	RE210
MOVANO 2,3	2010 - present		4/2300	FWD	NO	1>1.20	001211-7 12V 60Nm	RE111
MOVANO 2,3	2010 - present		4/2300	FWD	NO	1>1.05	001041 12V 108Nm	RE212
MOVANO 2,3	2016 -2018		4/2300	FWD	YES	1>1.15	001201-6 12V 60Nm	RE123
MOVANO 2,3	2019 - 2019		4/2300	FWD	YES	1>1.00	001201-6 12V 60Nm	RE124
MOVANO 2,3	2019 - 2019		4/2300	FWD	YES	1>1.00	001351 12V 60Nm	RE224
MOVANO 2,3	2010 - present		4/2300	RWD	YES	1>1.05	001031 12V 108Nm	RE213
MOVANO 2,3	2010 - present		4/2300	RWD	NO	1>1.20	001211-7 12V 60Nm	RE111
MOVANO 2,3	2010 - present		4/2300	RWD	NO	1>1.05	001031 12V 108Nm	RE213

# VAUXHALL PTOs

 <b>VAUXHALL</b>		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
VIVARO 1.6 DCI	2014 - present		4/1600	FWD	NO	1>1.10	001201-4 12V 60Nm	RE114
VIVARO 1.6 DCI	2014 - present		4/1600	FWD	YES	1>1.10	001211-6 12V 60Nm	RE115
MOVANO 2,2 DTI / DCI 2,5 DTI / DCI	2002 - 2010		4/2188 4/2463	FWD	NO	1>1.15	001211-7 12V 60Nm	RE102
MOVANO 2,2 DTI / DCI 2,5 DTI / DCI	2002 - 2010		4/2188 4/2463	FWD	NO	1>1.16	001201-6 12V 60Nm	RE109
MOVANO 2,2 DTI / DCI 2,5 DTI / DCI	2002 - 2010		4/2188 4/2463	FWD	YES	1>1.16	001201-6 12V 60Nm	RE109
MOVANO 2,3	2010 - 2018		4/2300	FWD	YES	1>1.05	001041 12V 108Nm	RE210
MOVANO 2,3	2010 - present		4/2300	FWD	NO	1>1.20	001211-7 12V 60Nm	RE111
MOVANO 2,3	2010 - present		4/2300	FWD	NO	1>1.05	001041 12V 108Nm	RE212
MOVANO 2,3	2020 - present		4/2300	FWD	YES	1>1.00	001201-5 12V 60Nm	RE123
MOVANO 2,3	2020 - present		4/2300	FWD	YES	1>1.00	001201-5 12V 60Nm	RE124
MOVANO 2,3	2020 - present		4/2300	FWD	YES	1>1.00	001351 12V 60Nm	RE224
MOVANO 2,3	2010 - present		4/2300	RWD	YES	1>1.00	001031 12V 108Nm	RE213
MOVANO 2,3	2010 - present		4/2300	RWD	NO	1>1.15	001211-7 12V 60Nm	RE111
MOVANO 2,3	2010 - present		4/2300	RWD	NO	1>1.00	001031 12V 108Nm	RE213



# VOLKSWAGEN PTOs

		Engine Features				Kit		
Model	Year	Type	N.Cylinders Displacement	Traction	Air Conditioned	Transmission Ratio	Electromagnetic Clutch	Adaptor Kit
AMAROK	2012 - present		4/1968	4x2 4x4	YES/NO	1>1.10	001031 12V 108Nm	VW213
AMAROK 3,0 TDI	2016 - present		6/3000	4x2 4x4	YES	1>1.60	001272 12V 60Nm	VW116
CADDY 2,0 TDI -4 MOTION	2012 -2015		4/1968	4x2 4x4	YES	1>1.20	001211-6 12V 60Nm	VW112
CADDY 2,0 TDI -4 MOTION	2016 - present		4/1968	4x2 4x4	YES	1>1.20	001211-6 12V 60Nm	VW118
CRAFTER 2,5 TDI	2006 - 2012	HVW	5/2461	RWD	YES	1>1.20	001033 12V 108Nm	VW209
CRAFTER 2,5 TDI	2006 - 2012	HVW	5/2461	RWD	NO	1>1.60	001201-6 12V 60Nm	VW108
CRAFTER 2,0 TDI	2012 - 2018		4/1968	RWD	YES/NO	1>1.10	001031 12V 108Nm	VW211
CRAFTER 2,0 TDI	2018 - present		4/1968	RWD	YES/NO	1>1.10	001031 12V 108Nm	VW219
CRAFTER 2,0 TDI	2017 - present		4/1968	FWD	YES/NO	1>1.10	001041 12V 108Nm	VW217
CRAFTER 2,0 TDI	2018 - present		4/1968	4x4	YES/NO	1>1.10	001041 12V 108Nm	VW217