



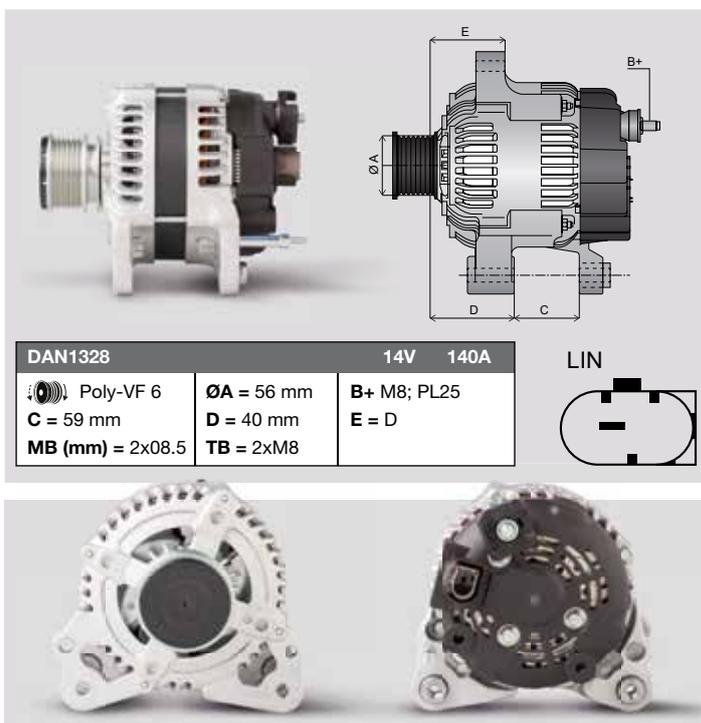
Alternator DAN1328

DAN1328: Coverage

We are pleased to announce that part number DAN1328 (104211-8380) linked to OE part number 03L 903 024, currently available in our AM range, also covers the applications linked to OE part numbers 03L 903 023 & 03L 903 023 A

- > Originally covered VW TIGUAN 2.0 TDI engine with stop-start system.
- > Can also cover all VW Group stop-start vehicle applications installed with EA189 family 1.6-2.0 TDI engines.
- > Compact size High-Efficiency DENSO SC Alternator: Mounting is much easier than old alternator for installers.
- > Integrated LIN technology allowing coverage of vehicles featuring stop-start system with regenerative braking.
- > This single Part Number allows a full coverage of the start-stop applications for the range of vehicles listed in the application table. This represents a car parc coverage of approx 5,5 Million vehicles across EU.

DAN1328 OE Cross-References	
AUDI	03L 903 023
	03L 903 023 A
SEAT	03L 903 023 AX
	03L 903 023 X
SKODA	03L 903 024
	03L 903 024 M
VW	03L 903 024 MX
	03L 903 024 X



DENSO EUROPE B.V.

Hogeweyselaan 165 | 1382 JL Weesp | The Netherlands
 Tel. +31 (0)294 - 493 493 | Fax. +31 (0)294 - 417 122



DAN1328 Application table

MAKE	MODEL	Model Year	1.6TDI	2.0TDI
AUDI	A1 (8X)	(10-15)	√	√
	A3 (8P)	(08-13)		√
	Q3 (8U)	(11-15)		√
	TT (8J)	(10-14)		√
SEAT	ALHAMBRA (710)	(10-15)		√
	ALTEA/ -XL (5P_)	(09-15)	√	
	IBIZA V (6J)	(10-15)		√
	LEON (1P)	(10-12)	√	
	TOLEDO IV (KG3)	(12-15)	√	
SKODA	FABIA (54_)	(10-14)	√	
	OCTAVIA (1Z)	(09-13)	√	
	RAPID (HN)	(12-)	√	
	ROOMSTER (5J)	(10-15)	√	
	SUPERB (3T)	(10-15)	√	√
	YETI (5L)	(09-)	√	√
VW	BEETLE (5C)	(11-16)	√	
	CADDY III (2K, 2C)	(10-15)	√	√
	CADDY IV (SA)	(15-)	√	√
	EOS (1F)	(10-15)		√
	GOLF Plus (5M)	(08-13)	√	
	GOLF VI (5K)	(08-13)	√	√
	JETTA IV (162)	(10-14)	√	
	POLO (6R)	(09-14)	√	
	SCIROCCO (137)	(10-14)		√
	SHARAN (7N)	(10-15)		√
	TIGUAN (5N)	(09-)		√
	TOURAN (1T3)	(10-15)	√	√

* Only for the listed vehicles with Stop-Start System

** DENSO is not responsible for the application information of other manufacturers and distributors.

*** CarMaker's can use multiple suppliers. Therefore, the replacement unit may look different than the original unit.



EA189 Family 2.0TDI Engine on-vehicle check : AUDI Q3 (MY2013)

1) Fitting Check



Old alternator



Denso compact alternator is easy to install



Battery cable and connector wiring are fitted without any problem

2) Electrical Check

Battery Voltage
@ Key ON – Engine OFF



Battery Voltage
@ Key ON – Engine ON



Loads OFF

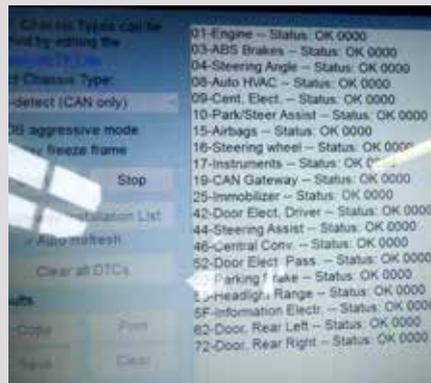


Loads ON

Alternator is charging the battery and supplying the loads.

3) Electronical (communication) Check

ECU scan @ Key ON – Engine ON



LIN communication is OK (No DTC set by ECU in any electronic system of the CAN due to alternator replacement).

ECU: Engine Control Unit
CAN: Controller Area Network
LIN: Local Interconnect Network
DTC: Diagnostic Trouble Code



EA189 Family 1.6TDI Engine on-vehicle check : VW GOLF VI (MY2011)

1) Fitting Check



No sufficient space to remove old alternator due to big size



Denso compact alternator is easy to install



Battery cable and connector wiring are fitted without any problem

2) Electrical Check

Battery Voltage
@ Key ON – Engine OFF



Battery Voltage
@ Key ON – Engine ON



Loads OFF



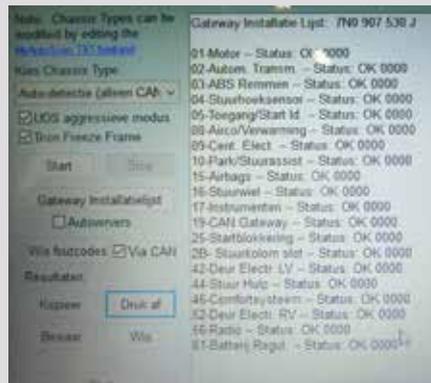
Loads ON

Alternator is charging the battery and supplying the loads.

MIL: Malfunction Indicator Light

3) Electronical (communication) Check

ECU scan @ Key ON – Engine ON



LIN communication is OK (No DTC set by ECU in any electronic system of the CAN due to alternator replacement).

4) Test Drive



No MIL is ON (Stop-Start System is functional operational).