

# ALTERNATOR CONVERSION KIT

## RAC086



Powerlite 75 Amp VW Volkswagen Beetle Alternator, 75 amp unit. Heavy duty, high performance alternator used in many VW applications. Based on an original VW unit Negative Earth, 12 Volts, 75 Amps, 15mm Shaft Size

| Item       | Value          |
|------------|----------------|
| Polarity   | Negative Earth |
| Voltage    | 12 Volt        |
| Weight     | 4.7kgs         |
| Amps       | 75 Amps        |
| Shaft size | 15mm Shaft     |

| RAC086 |                |             |           |
|--------|----------------|-------------|-----------|
| Make   | Model          | Engine Size | Year      |
| VW     | Beetle 75 amps | 1600cc      | 1967-1979 |

## RAC087



Powerlite 55 Amp VW Volkswagen Beetle Alternator 55 amp unit. Heavy-duty, high-performance alternator used in many VW applications. Based on an original VW unit Negative Earth, 12 Volts, 55 Amps, 15mm Shaft Size

| Item       | Value          |
|------------|----------------|
| Polarity   | Negative Earth |
| Voltage    | 12 Volt        |
| Weight     | 4.6kgs         |
| Amps       | 55 Amps        |
| Shaft size | 15mm Shaft     |

| RAC087 |                |                          |           |
|--------|----------------|--------------------------|-----------|
| Make   | Model          | Engine Size              | Year      |
| VW     | Beetle 55 amps | Type 1, T2 split, T2 Bay | 1946-1988 |

## RAC088



Powerlite 75 Amp VW Volkswagen Beetle Chrome Alternator Heavy duty, high performance alternator used in many VW applications with chrome finish. Negative Earth, 12 Volts, 75 Amps, 15mm Shaft Size

| Item       | Value          |
|------------|----------------|
| Polarity   | Negative Earth |
| Voltage    | 12 Volt        |
| Weight     | 4.8kgs         |
| Amps       | 75 Amps        |
| Shaft size | 15mm Shaft     |

| RAC088 |                                 |             |           |
|--------|---------------------------------|-------------|-----------|
| Make   | Model                           | Engine Size | Year      |
| VW     | Beetle 75 amps in chrome finish | 1600cc      | 1967-1979 |

## RAC090



Powerlite 90 Amp VW Volkswagen Beetle Alternator 90 Amp VW Beetle Alternator, direct replacement for original unit Negative Earth, 12 Volts, 90 Amps, 15mm Shaft Size

| Item       | Value          |
|------------|----------------|
| Polarity   | Negative Earth |
| Voltage    | 12 Volt        |
| Weight     | 1.9kgs         |
| Amps       | 90 Amps        |
| Shaft size | 15mm Shaft     |

| RAC090 |                |                                |           |
|--------|----------------|--------------------------------|-----------|
| Make   | Model          | Engine Size                    | Year      |
| VW     | Beetle 90 amps | T2 Split, T2 Bay, Karmann Ghia | 1961-1977 |

## RAC090BLK



Powerlite 90 Amp VW Volkswagen Beetle Alternator-Black 90 Amp VW Beetle Alternator, direct replacement for original unit Negative Earth, 12 Volts, 90 Amps, 15mm Shaft Size

| Item       | Value          |
|------------|----------------|
| Polarity   | Negative Earth |
| Voltage    | 12 Volt        |
| Weight     | 4.8kgs         |
| Amps       | 90 Amps        |
| Shaft size | 15mm Shaft     |

| RAC090BLK |                                     |                                |           |
|-----------|-------------------------------------|--------------------------------|-----------|
| Make      | Model                               | Engine Size                    | Year      |
| VW        | Beetle 90 amps in matt black finish | T2 Split, T2 Bay, Karmann Ghia | 1961-1977 |

## RAC090BLKCH



VW Volkswagen Beetle Alternator 90 amp in black chrome 90 Amp VW Beetle Alternator, direct replacement for original unit Negative Earth, 12 Volts, 90 Amps, 15mm Shaft Size

| Item       | Value          |
|------------|----------------|
| Polarity   | Negative Earth |
| Voltage    | 12 Volt        |
| Weight     | 4.8kgs         |
| Amps       | 90 Amps        |
| Shaft size | 15mm Shaft     |

| RAC090BLKCH |                                       |                                |           |
|-------------|---------------------------------------|--------------------------------|-----------|
| Make        | Model                                 | Engine Size                    | Year      |
| VW          | Beetle 90 amps in black chrome finish | T2 Split, T2 Bay, Karmann Ghia | 1961-1977 |

## RAC090CH



VW Volkswagen Beetle Alternator 90amp in silver chrome 90 Amp VW Beetle Alternator, direct replacement for original unit Negative Earth, 12 Volts, 90 Amps, 15mm Shaft Size

| Item       | Value          |
|------------|----------------|
| Polarity   | Negative Earth |
| Voltage    | 12 Volt        |
| Weight     | 4.8kgs         |
| Amps       | 90 Amps        |
| Shaft size | 15mm Shaft     |

| RAC090CH |                                 |                                |           |
|----------|---------------------------------|--------------------------------|-----------|
| Make     | Model                           | Engine Size                    | Year      |
| VW       | Beetle 90 amps in chrome finish | T2 Split, T2 Bay, Karmann Ghia | 1961-1977 |

## RAC720



Type 3 VW Volkswagen 12 Volt 55 amp alternator conversion kit. Compact, lightweight, high-output alternator, suitable for all engines where space is a premium. Built at our site in the UK, our race-proven, lightweight alternators have been designed to withstand vibration and engine harmonics. A wide range of aluminium pulleys are also available.

Negative Earth, 12 Volts, 55 Amps, 15mm Shaft Size

| Item       | Value          |
|------------|----------------|
| Polarity   | Negative Earth |
| Voltage    | 12 Volt        |
| Weight     | 3kgs           |
| Amps       | 55 Amps        |
| Shaft size | 15mm Shaft     |

| RAC720 |                                  |             |      |
|--------|----------------------------------|-------------|------|
| Make   | Model                            | Engine Size | Year |
| VW     | Type 3 alternator conversion kit |             |      |

# OSGR STARTER MOTOR

## RAC423



VW Volkswagen Transporter & Caravelle Manual High Torque Starter Motor Strong, powerful, offset gear-reduced starter motor, delivering huge cranking torque through a set of steel internal gears. Lightweight, compact and durable this unit starts the engine faster with immense power, whilst drawing less current from the battery. All built by us in the UK! Dual Polarity 12 Volts, 1.4Kw, 9 Teeth Anti-Clockwise Rotation

| Item     | Value         |
|----------|---------------|
| Polarity | Dual Polarity |
| Voltage  | 12 Volt       |
| Weight   | 3.8kgs        |
| Kw       | 1.4Kw         |
| Teeth    | 9             |
| Rotation | Anti-Clock    |

| Make          | Model       | Engine Size | Year |
|---------------|-------------|-------------|------|
| VW Volkswagen | Caravelle   | -           | -    |
| VW Volkswagen | Transporter | -           | -    |

## RAC429



VW Volkswagen Golf MkII, Scirocco. Strong, powerful, offset gear-reduced starter motor, delivering huge cranking torque through a set of steel internal gears. Lightweight, compact and durable this unit starts the engine faster with immense power, whilst drawing less current from the battery. All built by us in the UK! Dual Polarity 12 Volts, 1.4Kw, 9 Teeth Clockwise Rotation

| Item     | Value         |
|----------|---------------|
| Polarity | Dual Polarity |
| Voltage  | 12 Volt       |
| Weight   | 3.7kgs        |
| Kw       | 1.4Kw         |
| Teeth    | 9             |
| Rotation | Clockwise     |

| Make          | Model     | Engine Size | Year        |
|---------------|-----------|-------------|-------------|
| VW Volkswagen | Golf MkII | -           | -           |
| VW Volkswagen | Jetta     | -           | -           |
| VW Volkswagen | Scirocco  | -           | 1983 - 1991 |

## RAC503



VW Volkswagen Beetle and T2 Transporter 2.0 kw Strong, powerful, offset gear-reduced starter motor, delivering huge cranking torque through a set of steel internal gears. Lightweight, compact and durable this unit starts the engine faster with immense power, whilst drawing less current from the battery. All built by us in the UK!

| Item     | Value         |
|----------|---------------|
| Polarity | Dual polarity |
| Voltage  | 12 Volt       |
| Weight   | 4.9kgs        |
| Kw       | 2.0Kw         |
| Teeth    | 9             |
| Rotation | 0             |

| Make | Model                                       | Engine Size | Year |
|------|---------------------------------------------|-------------|------|
| VW   | VW T2 Transporter 2.0 kw heavy duty unit    | -           | -    |
| VW   | VW Volkswagen Beetle 2.0 kw heavy duty unit | -           | -    |

## RAC525



VW Volkswagen Beetle & T2 Transporter Starter Strong, powerful, offset gear-reduced starter motor, delivering huge cranking torque through a set of steel internal gears. Lightweight, compact and durable this unit starts the engine faster with immense power, whilst drawing less current from the battery. All built by us in the UK! Dual Polarity 12 Volts, 1.4Kw, 9 Teeth Anti-Clock Rotation

| Item     | Value         |
|----------|---------------|
| Polarity | Dual Polarity |
| Voltage  | 12 Volt       |
| Weight   | 3.9kgs        |
| Kw       | 1.4Kw         |
| Teeth    | 9             |
| Rotation | Anti-Clock    |

| Make          | Model          | Engine Size | Year        |
|---------------|----------------|-------------|-------------|
| VW Volkswagen | Beetle         | -           | 1968 - 1979 |
| VW Volkswagen | Transporter T2 | 1.6         | 1970 - 1975 |
| VW Volkswagen | Transporter T2 | 1.7         | 1970 - 1975 |

## RAC526



VW Volkswagen Beetle 12v Strong, powerful, offset gear-reduced starter motor, delivering huge cranking torque through a set of steel internal gears. Lightweight, compact and durable this unit starts the engine faster with immense power, whilst drawing less current from the battery. All built by us in the UK! Dual Polarity 12 Volts, 1.4Kw, 9 Teeth Anti-Clock Rotation

| Item     | Value         |
|----------|---------------|
| Polarity | Dual Polarity |
| Voltage  | 12 Volt       |
| Weight   | 3.9kgs        |
| Kw       | 1.4Kw         |
| Teeth    | 9             |
| Rotation | Anti-Clock    |

| Make          | Model           | Engine Size | Year        |
|---------------|-----------------|-------------|-------------|
| VW Volkswagen | Beetle          | 1.2         | 1954 - 1966 |
| VW Volkswagen | Fastback        | 1.6         | 1966        |
| VW Volkswagen | Kaefer          | 1.2         | 1954 - 1967 |
| VW Volkswagen | Karmann Ghia H4 | 1.2         | 1956 - 1965 |
| VW Volkswagen | Karmann Ghia H4 | 1.3         | 1966        |
| VW Volkswagen | Square Back H4  | 1.6         | 1966        |
| VW Volkswagen | Transporter H4  | 1.6         | 1966        |

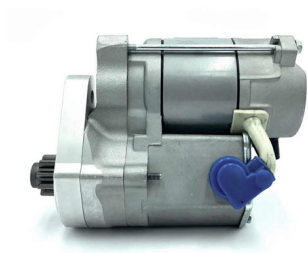
## RAC558



VW Volkswagen Transporter & Caravelle Automatic Starter Motor Strong, powerful, offset gear-reduced starter motor, delivering huge cranking torque through a set of steel internal gears. Lightweight, compact and durable this unit starts the engine faster with immense power, whilst drawing less current from the battery. All built by us in the UK! Dual Polarity 12 Volts, 1.4Kw, 9 Teeth 0 Rotation

| Item     | Value         |
|----------|---------------|
| Polarity | Dual Polarity |
| Voltage  | 12 Volt       |
| Weight   | 4kgs          |
| Kw       | 1.4Kw         |
| Teeth    | 9             |
| Rotation | Anti-Clock    |

## RAC598



Ralt RT3 Starter Motor with VW (Volkswagen) engine. Strong, powerful, offset gear-reduced starter motor, delivering huge cranking torque through a set of steel internal gears. Lightweight, compact, and durable, this unit starts the engine faster with immense power, whilst drawing less current from the battery. All built by us in the UK! Dual Polarity 12 Volts

| Item     | Value         |
|----------|---------------|
| Polarity | Dual Polarity |
| Voltage  | 12 Volt       |
| Weight   | 3.85kgs       |

## STARTER MOTORS

| Make          | Model                                       | Engine Size | Year        | Part   |
|---------------|---------------------------------------------|-------------|-------------|--------|
| VW            | VW T2 Transporter 2.0 kw - heavy duty unit  | -           | -           | RAC503 |
| VW            | VW Volkswagen Beetle 2.0 kw heavy duty unit | -           | -           | RAC503 |
| VW Volkswagen | Beetle                                      | -           | 1968 - 1979 | RAC525 |
| VW Volkswagen | Beetle                                      | 1.2         | 1954 - 1966 | RAC526 |
| VW Volkswagen | Caravelle                                   | -           | -           | RAC423 |
| VW Volkswagen | Fastback                                    | 1.6         | 1966        | RAC526 |
| VW Volkswagen | Golf MkII                                   | -           | -           | RAC429 |
| VW Volkswagen | Jetta                                       | -           | -           | RAC429 |
| VW Volkswagen | Kaefer                                      | 1.2         | 1954 - 1967 | RAC526 |
| VW Volkswagen | Karmann Ghia H4                             | 1.2         | 1956 - 1965 | RAC526 |
| VW Volkswagen | Karmann Ghia H4                             | 1.3         | 1966        | RAC526 |
| VW Volkswagen | Scirocco                                    | -           | 1983 - 1991 | RAC429 |
| VW Volkswagen | Square Back H4                              | 1.6         | 1966        | RAC526 |
| VW Volkswagen | Transporter                                 | -           | -           | RAC423 |
| VW Volkswagen | Transporter H4                              | 1.6         | 1966        | RAC526 |
| VW Volkswagen | Transporter T2                              | 1.6         | 1970 - 1975 | RAC525 |
| VW Volkswagen | Transporter T2                              | 1.7         | 1970 - 1975 | RAC525 |



# ALTERNATORS

| Make | Model                                 | Engine Size                    | Year      | Part        |
|------|---------------------------------------|--------------------------------|-----------|-------------|
| VW   | Beetle 55 amps                        | Type 1, T2 split, T2 Bay       | 1946-1988 | RAC087      |
| VW   | Beetle 75 amps                        | 1600cc                         | 1967-1979 | RAC086      |
| VW   | Beetle 75 amps in chrome finish       | 1600cc                         | 1967-1979 | RAC088      |
| VW   | Beetle 90 amps                        | T2 Split, T2 Bay, Karmann Ghia | 1961-1977 | RAC090      |
| VW   | Beetle 90 amps in black chrome finish | T2 Split, T2 Bay, Karmann Ghia | 1961-1977 | RAC090BLKCH |
| VW   | Beetle 90 amps in chrome finish       | T2 Split, T2 Bay, Karmann Ghia | 1961-1977 | RAC090CH    |
| VW   | Beetle 90 amps in matt black finish   | T2 Split, T2 Bay, Karmann Ghia | 1961-1977 | RAC090BLK   |
| VW   | Type 3 alternator conversion kit      |                                |           | RAC720      |