

Fitting of the Eco-Static system:

Grease the inside tread of the tyre as uniformly as possible (1.5kg for a 20" or 22.5" system) (Fig. 01).

Insert the 3 segments inside the tyre (Fig. 02) and apply the supplied thread adhesive to wedge bolt making sure double locking washers are fitted under the head of each bolt (Fig.03), put the wedge bolts in place to connect the 3 segments (4 to 5 threads) (Fig. 04)



Fig.01



Fig. 02



Fig. 03



Fig. 04

Place the tyre and the pre-assembled RunFlat around the wheel rim. (Fig.05)



Fig. 05

Lift the top bead of the tyre (ideally with bead spreader RFI 016) and insert plastic or wooden blocks to access the fixings, whilst keeping the RunFlat in contact with the bottom bead of the tyre (Fig.06).



Fig. 06



Fig.07

Tighten down each wedge bolt in turn so that each wedge is level or just below the top of the wedge slot. Use torque limiting tool to tighten each wedge bolt to 60Nm (16"-16.5" wheels) or 80Nm (20"-22.5" wheels) (Fig. 07). Apply the supplied thread adhesive to clamping plate bolts making sure double locking washers are under the head of each bolt (Fig. 08) Fit clamping plate bolts at each joint position and tighten up the clamping bolts (Fig. 09).



Fig. 08



Fig.09

Place the O-ring seal before completing the fitting of the 2-piece wheel (lid to be bolted on the body of the rim)(Fig. 10). For large systems, it may be necessary to use long bolts to apply sufficient pressure on the lid so that the flange nuts can engage the thread of the rim studs. Tighten all flange nuts to set torque figure. (Fig. 011 & Fig. 12).



Fig. 10



Fig. 11



Fig. 12



Fig. 13

Inflate the tyre (Fig.13).

RunFlat Eco-Static parts list

<u>Part no.</u>	<u>Description</u>	<u>Qty</u>
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RFI ---	RunFlat Eco-Static	3
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RFI 003/b	D type Wedge	3
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RFI 002/b	D type Clamping plate	3
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RFI 007/c	M16 x 130mm Hex head bolts	6
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RFI 019/a	NL 16 Nord-loc washer	6
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RFI 001/b	M16 Fixing block	3
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RFI 035 M8 x 35mm CSK socket cap screw 3



RFI 054 Static high temperature grease 1.5kg

