

Large Dynamic RunFlat Fitting Instructions



Fit metal clamp-in valve to wheel rim.
(FIG 2).

FIG 2



Grease undersides of RunFlat segments, making sure grease slots are completely full of grease (FIG 3).

FIG 3



Apply Loctite thread adhesive to wedge bolt making sure double locking washers are fitted under the head of each bolt (FIG 4).

FIG 4



Connect three RunFlat segments, inserting wedge bolts for four or five threads. Leave final joint unconnected. Pass cord through holes adjacent to final joint position (FIG 5).

FIG 5



Insert RunFlat segments in to tyre, wedge slot upper most, making sure wedges sit at top of wedge bolts. (**FIG 6**).

FIG 6



Mount tyre and Runflat system on to wheel rim and inflate the tyre, making sure the back bead is over the safety hump. (**FIG 7**).

FIG 7



Dismount top bead of tyre. (**FIG 8**).

FIG 8



Using the tyre machines lifting arm pull top bead of the tyre to expose the open joint and using the cord, pull ends of *TSI* together (**FIG 9**).

FIG 9



Apply Loctite thread adhesive to wedge bolt and insert into *TSI* system making sure double locking washer is under the head of the bolt (**FIG 10**). Tighten down wedge bolt so that the wedge top is level with the top of the *TSI* system (**FIG 11**). Remove the assembly cord after the final wedge bolt has been fitted.

FIG 10



Tighten down the wedge bolts in turn so that the top of each wedge sits just below the top of the *TSI* system. Use Torque wrench to tighten each wedge bolt to a minimum torque setting of a 25Nm -Max 30Nm (**FIG 11**).

FIG 11



Apply Loctite to clamping plate bolts and fit clamping plate bolts at each joint position making sure double locking washers are under the head of each bolt. (**FIG 12**). Tighten down each clamping plate bolt to maximum torque with standard wrench (**FIG 13**).

FIG 12



Mount top bead of the tyre (**FIG 14**). **IMPORTANT:** Clean top bead and wheel edge with buffing fluid to remove all traces of grease. (**FIG 15**).

FIG 13



Inflate Tyre.

FIG 14



IMPORTANT: As a quality control measure, the following information should be recorded

In the vehicle log or service book at the time of fitting of the *TSI* inserts:

- i) Make and model of the vehicle and registration number.
- ii) *TSI* batch number.
- iii) Date, location of fitting agency and name or quality control stamp details of fitter.
- iv) Vehicle mileage at time of fitting.

FIG 15

