



Genuine Cummins DEF Main Filter (BSVI) #BadhoBefikar



A uniquely designed filter with 3D mesh inside it to avoid any debris from entering the Dosing system.



Features

- 3D mesh filter as per SAE J1985 designed suitably for filtration of DEF ISO 22241 standards
- Filter specialised fabric and plastic rib moulded as a single rigid structure
- O ring provides DEF sealing between unfiltered and filtered DEF



Advantages

- 98%+ filtration for particle size above 30 microns
- Withstand temperature -40 to 85 °C and capable to handle beyond 20 kg per hour flow rate
- No collapse/damage of filter fabric
- Efficient filtration for fibre particles
- Separates clean and dirty DEF
- No contamination in DEF line



Benefits

- Improved life of critical parts like flapper valve and nozzle
- Avoids SCR catalyst damage
- Avoids DEF leakage
- Improved life with longer filtration performance

Difference in the construction of Cummins Genuine and Non-genuine DEF filter

Genuine Cummins Filter	Non-genuine Filter
<ul style="list-style-type: none"> • Densely packed 3D mesh threads 	<ul style="list-style-type: none"> • Sparsely packed threads 
<ul style="list-style-type: none"> • More weight - 31.9 gm  <p>Supplier Laser marking: U 58/9</p> <p>Top Bottom</p> <p>31.9 g</p>	<ul style="list-style-type: none"> • Less weight - 25.7 gm  <p>No Supplier laser marking</p> <p>Top Bottom</p> <p>25.7 g</p>
<ul style="list-style-type: none"> • More surface area for filtration 	<ul style="list-style-type: none"> • Less surface area for filtration



Risks of Non-genuine Parts

- › Supply Unit functional issues



- › Dosing Unit early nozzle clogging
- › Faster wear of DEF seals leading to leakage
- › Return flow orifice blockage leading to Dosing Unit functional failure



- Non-genuine filters may result in short-term savings but **higher expenses in the long term**
- Leads to **increased unplanned down time** for the customer
- **Higher Total Cost of Ownership**



Why use Genuine Cummins Parts

- Filtration performance difference between genuine Cummins and non-genuine filters for different particle sizes in microns:

Particle size	Genuine Cummins Filter	Non-genuine Filter
>5 µm	27%	2.8%
>10 µm	75%	7.9%
>20 µm	99%	21.6%
>30 µm	100%	51.4%



- Superior filtration efficiency for the finest of particles
- Avoids Dosing Unit dribbling or leakage issues for longer durations
- DEF tank filter increases service intervals emission control components

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