

GLOBAL EXHAUST FILTER ADDED TO MWM ENGINE REGISTRATION MDR 114056 DES

Date of issue:	30/09/2025	Issue revision:	A
Prepared for:	Industry/End Users		
Applicable machine(s):	Cougar Grader, Predator, MineCruiser Mk8/ Mk7. Other repowered machines relevant to MDR 114056 DES.		
Part number(s):	AUS001C		
Impact Area	<input type="checkbox"/> Operations <input checked="" type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Spare Parts <input checked="" type="checkbox"/> Inventory		

Background:

A diesel exhaust filter, manufactured by Global Mining Supplies has been tested, verified and registered by Cougar for MWM Engine package MDR 114056 DES.

Communication

Cougar has registered a new filter, AUS001C for use in its MWM engine package, MDR 114056 DES, used in MineCruisers, Graders & Predators.

The new filter is particularly resistant to water saturation and offers an improved service life when compared to the originally registered filter.

Compliance information

The filter has been tested for auto-ignition and continuous operating temperature, as well as 8 mode and fit for purpose endurance testing in compliance with AS/NZS 3584.2&4:2021.

MWM engine systems identified by MDR 114056 DES-7a are now registered to use this part. The amended design registration drawings must be 'swapped out' with the original version of MDR 114056 DES drawings. The new drawing must be available at the Mine and or plant safety file for the machine compliance with the conditions of use for the design registration.*

Alternatively, persons in management control of plant may approve the use of the new filter, where a competent person has verified the necessary criteria has been met for the alternative component.

More guidance on this process is provided in the Resources Regulator document *"Use of alternative component parts in design registered plant"* Position paper can be found on their website at www.resources.nsw.gov.au/sites/default/files/2022-12/position-paper-fit-form-function

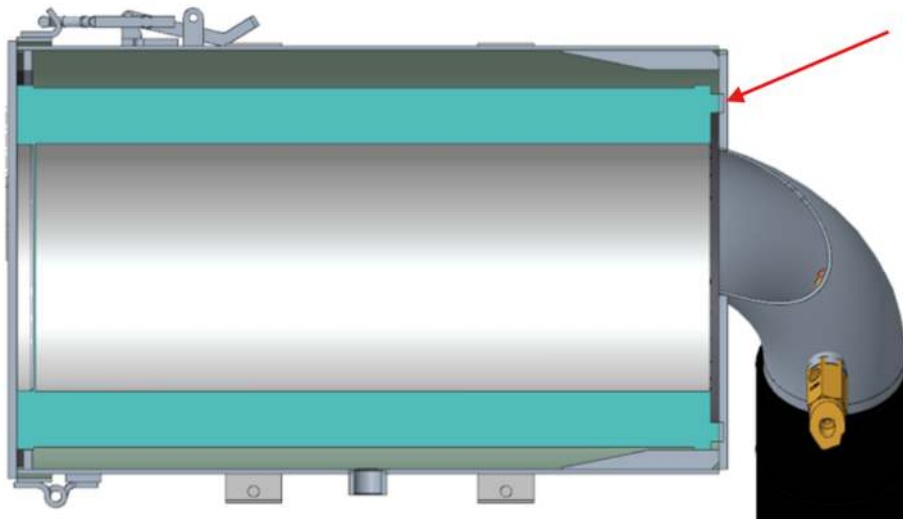
*Machine compliance in this context is for the jurisdiction of New South Wales

Installation information

The AUS001C filter is pictured below. Note that the filter is supplied with a 10mm seal on the open-end cap.



No modification is required to install the filter on the Predator / MineCruiser or Grader. However, the original filter housings for the Minecruiser were installed with foam sealing tape at the bottom of the particulate filter housing. When the AUS001C filter is installed, no foam sealing tape is required at the bottom of the particulate filter housing as this seal is now on the filter – refer to the sectional view below. This is a product improvement as it allows for a new seal to be fitted with each filter change and eliminates the risk of bypass if the canister tape deteriorates or comes loose over time.



Additionally, a new label is to be applied to the particulate filter canister, that identifies the part number and operating temperatures of the new filter AUS001C.

Part number LA00252

WARNING	
REPLACE FILTER ELEMENT WITH ONE OF THE FOLLOWING	
PART No.	SAFE OP TEMP.
AME: 7-181037-705	< 125°C
AME: 7-181038-711	< 150°C
GMS: AUS001C	< 150°C
P/No LA00252	

Purchasing information

This filter is made available through Global Mining Supplies, with endorsement from the design registration holder and original equipment manufacturer, Cougar Mining Equipment. Please direct sales or technical enquiries for the filter AUS001C to intouch@gmsupplies.com.au or Corey Malone on 0439 621 399.

Particulate filter canister labels, LA00252 can be ordered by contacting Orders.ame@cougar.au

Recommendations:

End users and maintainers should be aware of the new filter AUS001C available for use in MineCruiser/Predator/Grader applications and the durability benefits of this filter.

Contact Global Mining Supplies to acquire the filter.

Contact Cougar Group to request design registration information and a new PFC label.

Persons in Management control of the applicable equipment have a responsibility to inform and where necessary, train personnel in the content of this bulletin

Please distribute this bulletin to all relevant personnel

Cougar Contacts in respect to this bulletin:

Global Mining Supplies	Corey Malone	0439 621 399
Compliance and Business Improvement	Bill Davidson	0409562 385
Product Support QLD	Tim Wark	0434010556
Product Support NSW	Josh Preece	0419880414
National Sales Manager	Cameron Pike	0428628944
Spare Parts Manager	Greg Davies	0488025592

References:

"MDR 114056 DES – 7a design registration for MWM 4.10 TCA" *Cougar Mining equipment*

"Use of alternative component parts in design registered plant" *Resources regulator*

Disclaimer:

The information provided in this technical bulletin is provided as general information only and is based on the most current information at the time of publication. Installation must be performed in accordance with maintenance procedures by qualified personnel. Use of non-approved parts will affect regulatory compliance and may result in vehicle damage or personal injury. No additional warranties, express or implied, are provided.