

Nissan's Aluminum Closed-loop Recycling System

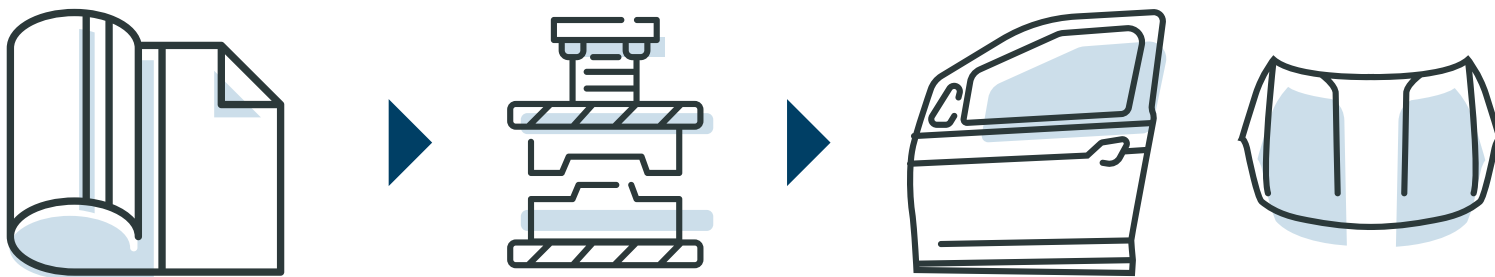
Nissan has introduced a “closed-loop” recycling system for the all-new 2021 Nissan Rogue, reusing factory waste aluminum parts and reducing its footprint on mined resources

DID YOU KNOW?

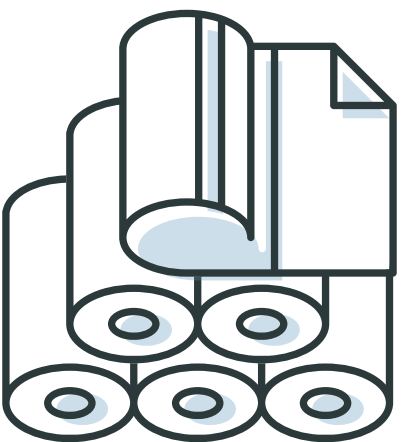
Recycling scrap aluminum saves more than 90% of the energy that would be needed to create a comparable amount of metal from raw materials.

Press process

The hood and doors are stamped from aluminum alloy.

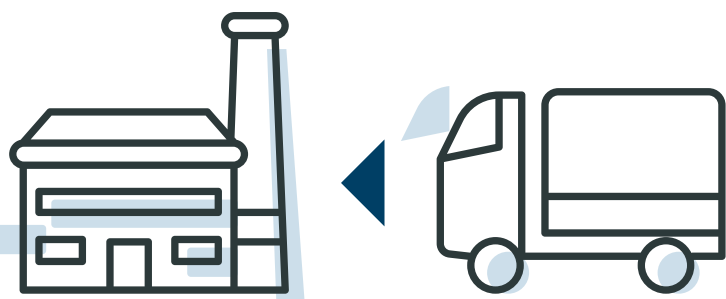


Rogue

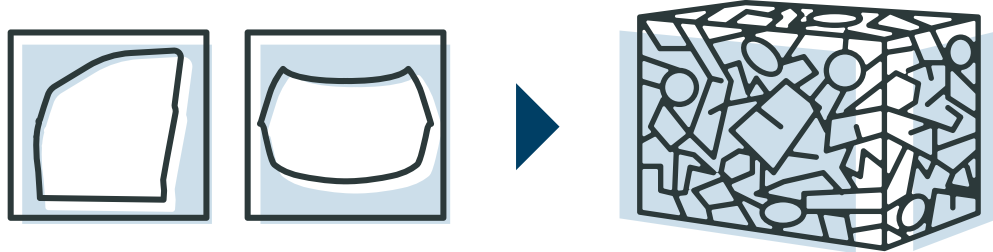
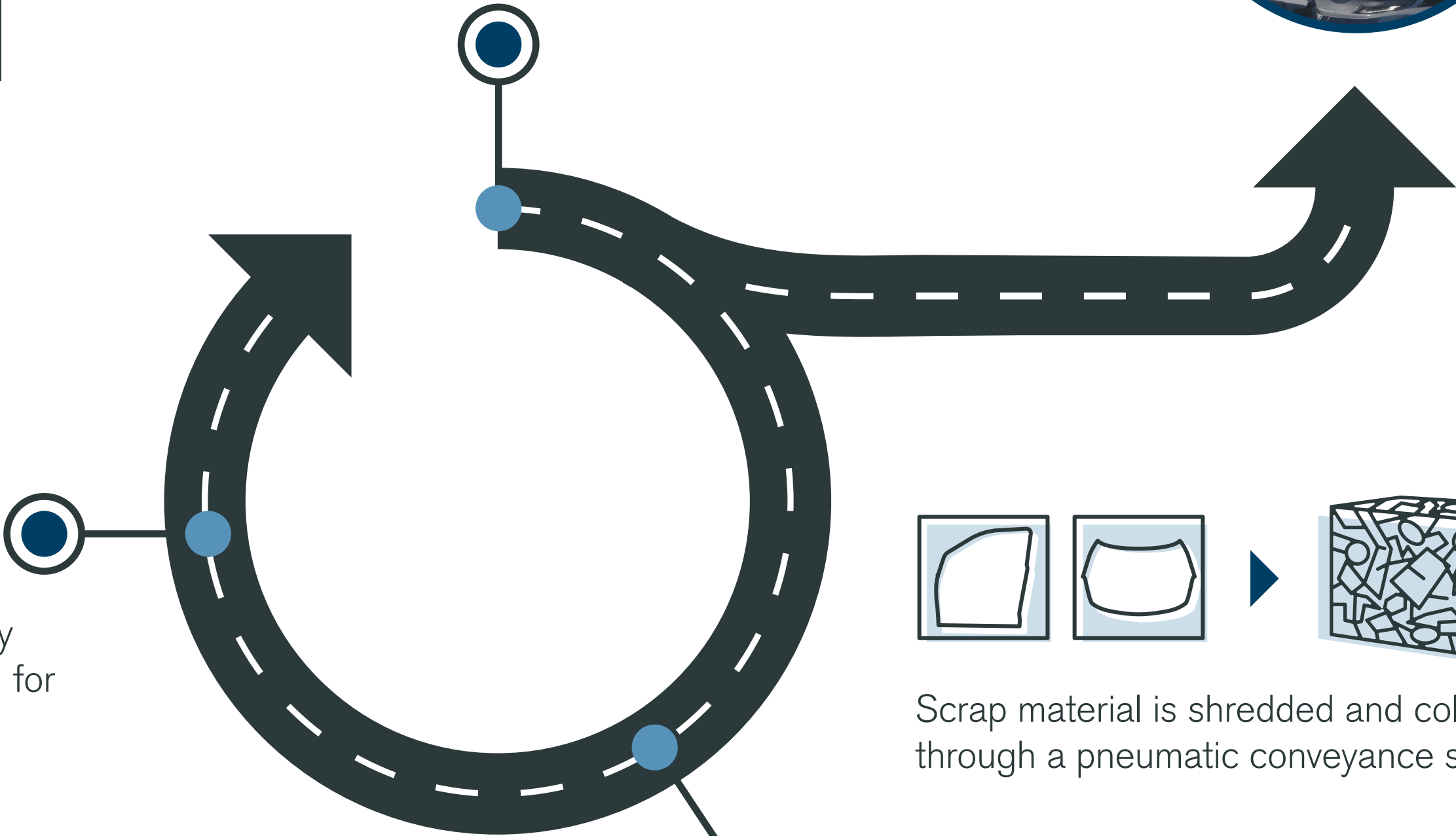


Aluminum sheets

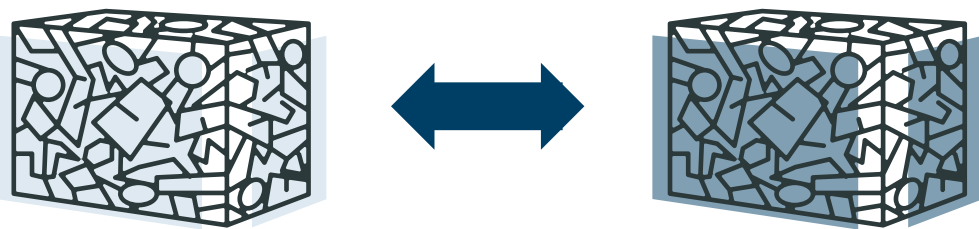
The scrap is made into aluminum alloy sheets. It's then redelivered to Nissan for use in Rogue production.



The separated and reprocessed aluminum scrap is delivered to the aluminum supplier.



Scrap material is shredded and collected through a pneumatic conveyance system.



Aluminum grades separation process

Nissan separates the different grades of aluminum in order to ensure high-quality scrap is collected and returned to suppliers. Different grades of aluminum are used for different parts of the car.