

Vehicle Weight Reduction

This playbook outlines the procedural steps for enhancing a performance vehicle's acceleration and handling through weight reduction strategies. It covers the techniques and considerations involved in the process of removing weight from vehicles effectively.

Step 1: **Assessment**

Conduct a thorough assessment of the vehicle to identify non-essential components that can be safely removed without affecting the safety or legal compliance of the vehicle.

Step 2: **Planning**

Create a detailed plan and weight reduction target. Prioritize components based on their weight-to-performance ratio and ease of removal.

Step 3: **Removal**

Carefully remove the identified components from the vehicle. Use the proper tools and techniques to ensure no damage to the vehicle's structure or essential systems.

Step 4: **Adjustments**

Make necessary adjustments to the suspension, brakes, and alignment to accommodate the new weight distribution and ensure the vehicle's safety and performance.

Step 5: **Testing**

Conduct tests to evaluate the vehicle's performance post-weight reduction. Check for improvements in acceleration and handling, and for any adverse effects that might require correction.

Step 6: **Review**

Review the results and compare them against the targets. Document any learnings, and if necessary, repeat the assessment and planning steps for further weight reduction.

General Notes

Safety

Never compromise on the vehicle's safety by removing essential safety features or structural components. Always adhere to legal requirements for on-road vehicles.