



INDUSTRY

Automotive & Assembly

Shift Into Overdrive. Unlock Peak Productivity in Manufacturing.

Does your organization struggle with:

- Rising costs due to inefficient production processes
- Challenges in maintaining consistent quality across suppliers
- Delayed response to supply chain disruptions and material shortages
- High turnover rates impacting production timelines and efficiency
- Recalls caused by defective parts or design flaws

Leverage TBM's deep expertise in automotive and assembly to:

- Streamline production processes and achieve cost savings
- Establish standard work protocols to ensure consistency in quality and reduce defects across suppliers
- Conduct comprehensive operational diagnostics to identify inefficiencies
- Foster cross-functional integration to enable centralized planning and improve responsiveness to disruptions
- Provide structured frameworks for suppliers to enhance quality and reduce lead times

Drive Excellence in Automotive Assembly and Manufacturing

Every gear in the automotive industry must work in perfect sync. Inefficiencies on the production floor inflate costs and risk delays, while unplanned downtime disrupts schedules and strains budgets. Supply chain disruptions, talent shortages, and the rapid pace of digital transformation create even more pressure. Addressing these challenges requires actionable strategies. Our solutions lay the foundation for sustainable growth and consistent operational success.

Our main automotive and assembly industry focus areas:

Lean Management: Our lean methodologies inspired by the Toyota Production System (TPS) are implemented to address bottlenecks cut waste, and streamline workflows, boosting productivity, quality, and cost savings. With expert guidance, we help build reliable processes that mitigate risks and deliver better outcomes for your customers.

Machine Maintenance: Our Total Productive Maintenance (TPM) programs use predictive tools and regular upkeep to prevent breakdowns, extend asset life, and improve overall equipment effectiveness (OEE). With expert strategies, we ensure reliable, smooth operations and minimize costly disruptions.

Supply Chain Resilience: We help manufacturers build resilience with stronger supplier ties, better demand forecasting, and real-time inventory management. These strategies ensure flexible, reliable supply chains, maintaining stable operations and meeting customer commitments.

Technology: We help companies leverage advanced technologies like AI, data analytics, and connected sensors for smarter, faster decisions. Our digital tools enhance lean initiatives, streamline workflows, and optimize operations for efficiency and cost savings. We combine proven expertise with innovative solutions to drive sustainable, profitable growth.

Talent Management Strategy: Skilled talent shortages and changing technical demands hinder production and efficiency. We close these gaps through tailored recruiting, onboarding, training, and leadership development, fostering a high-performance culture that boosts retention and reduces turnover.

About TBM Consulting Group

TBM is a global operations and supply chain consultancy with deep roots in operational improvement and lean manufacturing. Many of our consultants have worked in or with automotive and assembly manufacturing companies during the course of their careers. Our senior management consultants have 25+ years of hands-on experience in C-suite, operational leadership or continuous improvement roles.

Automotive & Assembly Results

CUSTOM LEATHER SEATS MANUFACTURER

Company Improves EBITDA by \$2M+ in 12 Months

- Achieved 30%+ productivity at both sites
- Operational lead time reduced 68% from 14 hours to 4.5 hours
- Improved capability to respond to demand patterns enabled team to plan more effectively
- Transformed from a silo department approach to a cross-functional orientation. Enabled leaders and supervisors to respond faster and improve daily outcomes.
- A new production planning system improved easy order entry and assigned work directly to facilities

AUTOMOTIVE RECONDITIONING COMPANY

Business Captures \$25 Million in Annualized Savings

- Achieved run rate of \$24.5 million in annualized savings which can be fully realized when the company reaches its target of doubled daily output
- Established a management system with structured daily improvement processes and integrated problem-solving capabilities
- Created a Kaizen Promotion Office to independently drive continuous improvement savings
- New facility design will save \$4-\$7 million/year when the company reaches its target of doubled daily output

LEADING MATERIAL HANDLING AND WAREHOUSE SOLUTIONS SUPPLIER

Supplier Assessment and Development Enables Nissan to Achieve \$4.65 Million in Cost Savings

- Assessed core suppliers and identified opportunities for improvement / waste elimination
- Refurbished supplier development program
- \$4.65 million in verified and incremental cost savings in one year

Our Extensive List of Automotive & Assembly Clients Includes:



Speed wins every time.

TBM specializes in operations and supply chain consulting for manufacturers and distributors. We accelerate operational performance to make you more agile and help you accelerate business performance 3–5x faster than your peers.

