

AGS TECHNOLOGY CASE STUDY: SUPPORTING AND ALIGNING WITH CUSTOMERS

PRODUCT PROFILE

Industry:	Industrial (Automotive Repair)
Applications:	Mounting Bracket-Wheel Alignment Systems
Material Description:	40% Glass/Mineral Nylon
Requirements:	• Strength • Stiffness • Chemical Resistance • Wear Resistance

CUSTOMER ISSUE

An OEM of sophisticated wheel alignment systems designed a heavy-duty mounting bracket to endure the demanding, fast-paced auto repair service environment. The OEM needed a cost-effective material that could withstand automotive fluids exposure and service techs moving six-pound alignment adaptors on and off vehicle wheels.

AGS INJECTION MOLDING SOLUTION

The OEM selected AGS Injectoblend™ FPA6240-200, 40% glass/mineral nylon due to its excellent strength, stiffness, chemical resistance, and wear resistance. The OEM also achieved significant recycled cost savings compared to an equivalent virgin material given the material intensive nature of this mounting bracket.

