



# Roush F-150 Grill Camera Mount

This 2-piece bracket houses the front grill camera on the Roush Performance F-150 pickup truck. Engineers made the parts using SAF™ (Selective Absorption Fusion) technology on the H350® printer instead of injection molding. SAF additive technology enables higher production quantities by printing batches of parts nested together inside the build chamber. Roush manufactured the entire bracket production lot for \$19.5K, a 35% savings compared with \$30K for injection molding. The SAF solution also met the tight schedule that injection molding couldn't meet due to the lead time to validate and produce the mold.

<b>System</b>	H350® 3D Printer
<b>Material</b>	PA11 (Nylon 11)
<b>Build Time</b>	30 min (set of 2 pcs), 13.16 hrs (54 parts/build)
<b>Material Used</b>	100g (set of 2 pcs), 2.7 kg (54 parts/build)
<b>HAF™ (High Absorption Fluid) Used</b>	6 ml (set of 2 pcs), 160 ml (54 parts/build)