ATRO Providing Solutions
A full line of engine mounts are available and in stock to fulfill your parts needs. ATRO High Temperature Engine mounts perform in the extreme conditions of EGR/SCR engine systems. The ATRO HT Formula is the only high temperature resistant polyurethane in the marketplace and greatly exceeds the performance of rubber. ATRO Parts providing Solutions for Heavy Trucks.

PL1017-HT
MOTOR MOUNT (HIGH TEMPERATURE)

Replaces:
Mack: 20QL1118A
Mack: 20QL1175
Mack: 25167342

Dimensions:
Length: 1 1/2”
ID: 3/4”
Small OD: 1 11/16”
Large OD: 3 3/16”

AVAILABLE IN KITS

KT62-62216-HT
Insulator Kit (High Temperature)
Replaces:
Mack 204SX216

Contains:
(8) PL1017-HT Bushings
(8) Washers
(4) 3/4”-16 x 6 1/2” Bolts
(4) Locknuts

KT62-62389-HT
Insulator Kit (High Temperature)
Replaces:
Mack 204SX389

Contains:
(8) PL1017-HT Bushings
(8) Washers
(4) 3/4”-16 x 5” Bolts
(4) Locknuts

AVAILABLE IN STANDARD ATRO POLYURETHANE

PL1017
Motor Mount

Dimensions:
Length: 1 1/2”
ID: 3/4”
Small OD: 1 11/16”
Large OD: 3 3/16”

KT62-62216
Insulator Kit

Contains:
(8) PL1017 Bushings
(8) Washers
(4) 3/4”-16 x 6 1/2” Bolts
(4) Locknuts

KT62-62389
Insulator Kit

Contains:
(8) PL1017 Bushings
(8) Washers
(4) 3/4”-16 x 5” Bolts
(4) Locknuts
ATRO’s high temperature mounts feature New Age Polymers developed exclusively for ATRO. These high temperature motor mounts resist scorching heat, retain their form, consistency and elasticity while reducing vibration in the cab and helping prevent sudden load shifts.

What happens to a motor mount on a heavy duty vehicle, under excessive heat?

When heavy truck manufacturers began installing EGR/SCR systems there was an immediate surge in engine compartment temperatures. Motor mounts started failing at a much higher rate. Up until now, rubber and polyurethane used in the manufacture of motor mounts had not been designed to withstand these elevated heat levels.

With the full weight of the engine bearing down on the mount, the long hours, stress and extreme temperature take their toll on the rubber or poly material. As they deteriorate, these materials becomes less and less able to absorb the shocks and vibration. Over time, this loss of support can result in stress on the drivetrain.

As the temperature rises in the engine compartment, loss of the material’s properties can cause it to thin and bulge out the sides. The components of the motor mount assembly may become loose over a period of time, depending on the ruggedness of the job.

As the truck continues to operate under high heat, the material loses volume, becomes jelly-like and there is increased play in the motor mount bracketry. There may be noticeable load shifts as the motor is no longer firmly being held in place. Stress may begin to be felt by the various drive train components.

In the worst scenario, heat related motor mount failure can end up causing the engine to sag or tilt to the point of making contact with the walls of the engine compartment. If left unhandled, it is possible damage to the transmission and differential can occur.

ATRO developed polymers that withstand extreme heat in the 300°F range have replaced the rubber or polyurethane materials that can fail at 200°F. ATRO’s material maintains its physical properties throughout the load, heat and stress.

End of problem!