

TECHNICAL FEATURES

Reverse Decompressor Cam

The reverse decompressor cam is stationary during normal engine operation. It doesn't turn when the engine is being started or when it is running. Its one-way roller bearing allows it to free-wheel whenever the engine is turning in the normal direction. But if the engine kickbacks during startup, the reverse direction locks-up the one-way roller bearing which moves the lobe of the reverse decompressor cam into position (it opens the exhaust valve). The reverse decompressor cam automatically returns to its normal position when the engine stops turning from the kickback.

