



DRY SYSTEMS TECHNOLOGIES®

8102 Lemont Road, Suite 700, Woodridge, Illinois 60517, USA
Phone: 630-427-2051 * Fax: 630-427-1036 *

Upgrade your MWM equipped Jeffrey Ramcar with an MSHA Approved 116 HP Isuzu 6BG1 Diesel Engine and DST Dry System® Diesel Power Package

One of the Diesel Engines widely used in Eastern Coal Mines, the 94 HP MWM D916-6 Mining Diesel Engine is no longer in production. Rebuilding the existing engines has become increasingly difficult and expensive. Dry Systems Technologies® can provide you with a solution that saves you money and increases the productivity of your Jeffrey Ramcar fleet.

Dry Systems Technologies® has developed and MSHA Part 7F Approved DST Model M150 Dry System® Diesel Power Package (7F-021-0) for the readily available 116 HP Isuzu 6BG1MAP Mining Diesel Engine. This Engine and Diesel Power Package is a drop-in replacement to retrofit Jeffrey 4110 Ramcars equipped with MWM engines and Jeffrey water scrubbers.

The 116 HP Isuzu 6BG1MAP Diesel Engine is available from Isuzu and is MSHA Part 7E-A Approved (7E-A007) for use on Inby Equipment. The Isuzu 6BG1MAP engine has 23% more power and 9% more speed than the MWM engine it replaces. The ventilation rates of this clean, mechanical engine are comparable with the existing MWM engine.



The standard complete Model M150 Dry Systems® Diesel Power Package shown above is configured for the Isuzu 6BG1MAP Diesel Engine and includes:

- MSHA Part 7F Diesel Power Package Approval Plate No: 7F-021-0
- Complete flameproof Engine Air Intake and Exhaust System
- Exclusive DST Dry Exhaust Filtering System (Meets MSHA 2.5 mg/m3)
- Complete pneumatic DST Safety Shut-down System
- Complete computer designed, mine worthy DST Cooling System
- CO Monitoring System and Gauges (meets MSHA Part 75.1914 (g))
- MSHA Approved Explosion-proof DST Electric Alternator (07-JA040001-0)
- Technical Manuals and Documentation for the Diesel Power Package
- On-going technical support by Phone, Fax or E-mail
- 12-month limited Warranty covering Manufacturing defects
- An MSHA Approved and already mine proven Diesel Power Package "That Works" (Not a research project).

Dry Systems Technologies® offers several options to retrofit the Model M150 Dry System® Diesel Power Package into your existing Jeffrey 4110 Ramcar:

- Option 1: Dry Systems Technologies® provides a MSHA Part 7E-A Approved 116 Hp Isuzu 6BG1MAP Diesel Engine and a MSHA Part 7F Approved Model M150 Dry System® Diesel Power Package pre-assembled on a Sub-frame for retrofit into your existing Ramcar. The retrofit is performed at your mine site and by your own mechanics.
- Option 2: Dry Systems Technologies® trained technicians provide on-site technical and hands-on assistance with the retrofit the Engine and Diesel Power Package into your existing Ramcar and also assist with MSHA Field Modification documentation. The retrofit is performed at your mine site and by your own mechanics.
- Option 3: Dry Systems Technologies® performs the complete retrofit of Engine and Diesel Power Package into your existing Ramcar, at our facilities including necessary modifications to the Ramcar.
- Option 4: Dry Systems Technologies® trained technicians can provide also a partial or completely rebuild of your 4110 Ramcar while retrofitting the Engine and Diesel Power Package into your existing Ramcar at our facilities.