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01	32-110	Initial Release for CDR	RFGoeke		3/31/06

Remove/Install before Flight
List

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Preface

Revision 01 of this document is being released for CDR.

1 Introduction

The flight hardware for the Cosmic Ray Telescope for the Effects of Radiation (CRaTER) instrument on the Lunar Reconnaissance Orbiter (LRO) is composed of a single assembly incorporating both radiation detector and all associated power, command, data processing, and telemetry electronics. There are 4 electrical connectors which interface with the Orbiter systems; there are no Electrical Ground Support Connectors. There is a single gas purge inlet valve for use when the instrument is on the ground. When mounted in the Orbiter, this gas purge inlet is connected to the Orbiter purge manifold and launched in that configuration.

2 Red Tag Items

There are no Red Tag, Remove Before Flight items associated with the CRaTER instrument.

3 Green Tag Items

There are no Green Tag, Install Before Flight items associated with the CRaTER instrument.