



LUNAR RACING
EDUCATION THROUGH MOTORSPORT

LUNAR RACING
STANDARD RISK ASSESSMENT

of Generic Activities, Locations or Personal Situations

Risk Assessment No: 012

Issue date: 01/06/10

Version No: 1

This Risk Assessment also works alongside Risk Assessments Numbers 029, 033, 034, 040, 042 and 049.

| Teaching or Support Area: | | Lunar Education Workshop | Work, Activity, Location or Person: | | IMI Level II Task 2 – Remove and replace camshaft | | | | | | | |
|----------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------|--|---------------------|----------------|--------------|
| No | Hazard, if significant (1) | Existing Controls or Preventative Measures | Assessment of Current Risk (2) | | | Additional Controls, Preventative Measures or Comments | | | | Remaining Risk (2) | | |
| | | | Severity A-E | Likelihood 0-4 | Result Level | Put in place or recommended | Person Responsible | Dates | | Severity A-E | Likelihood 0-4 | Result Level |
| Planned | Actual | | | | | | | | | | | |
| 1 | Car on vehicle lift | All students are supervised at all times while in the workshop area. There is a tutor present as well as a technician. All students receive Health and Safety information during the induction period of their course. All students are required to wear PPE kit at all times whilst in the workshop. Long hair is required to be tied back and jewellery is not permitted. Students receive specific training on how to safely use all equipment within the workshop. Yellow paint will be used on the cars to indicate where jacking, lifting and axle stand points are located. Barrier cream dispensers are present to be used on hands before work commences. Sinks and hand cleaning products are located in the workshop. | E | 0 | Low | Whilst carrying out this task, many different activities are involved. Risk Assessments have been completed for each of these activities and are listed above. Cars will be pressure washed prior to students going underneath them to minimise debris/dust falling into eyes. A qualified first aider is always present. A full first Aid kit, including eye wash, is present in the main Lunar office, just off the workshop. Yellow paint will be used to indicate the cam timing belt and the alternator belt. | Centre Co-ordinator | | | C | 1 | Low |
| 2 | Car jacked up | | D | 1 | Low | | | | | | | |
| 3 | Car on axel stands | | D | 1 | Low | | | | | | | |
| 4 | Skin will come into contact with oil | | A | 2 | Low | | | | | | | |
| 5 | Fingers caught in cam timing belt | | D | 1 | Low | | | | | | | |
| 6 | Fingers caught in alternator belt | | D | 1 | Low | | | | | | | |
| Assessed By: | | Signature: | Centre Co-ordinator Approval: | | | Signature: | | | | Review Date: | | |
| | | Name/Title: | | | | Name/Title: | | | | | | |
| | | Date: | | | | Date: | | | | | | |

(1) A **significant hazard** is something which has significant potential to cause harm to someone

(2) Risk needs to be scored, for Impact/Severity and for Likelihood, with higher scores the greater the risk. Refer to the Risk Matrix to find out the level – Remember the risk is only acceptable if low.