

### Auto Electrical

Task Breakdown & Risk Assessment

Repairing Electric Windows

Job Dictionary Prepared by:

Ashish NandoskarB.Hlth.Sc. (Anat.Sc.), M.Hlth.Sc.(OHS)

## Occupational Health and Safety Consultant

July 2014

For workers and employers in the automotive industry
and their medical / other providers

**Purpose of this document**

This tool is a detailed job/task breakdown designed to identify those tasks, their duration and what other supports might be needed to match an injured employee’s work capabilities. This activity is designed to align with any remaining duties to help maintain productivity in the workplace.

This tool is to be used by Medical Specialists, General Practitioners and other providers to help in workplace assessment and is designed to be used in consultation with the injured worker, employer and case manager.

This tool if used early in the injury will help with planning namely - when, how and under what circumstances an employee will return to work. It should also help fellow employees, line managers, employers, family/household persons to understand the injured workers’ capacity and assist counsellors to provide appropriate advice and support

***Disclaimer:*** *This document is published by the Motor Trade Association (MTA) of South Australia with funding from ReturnToWorkSA. All workplaces and circumstances are different and this document should be used as a guide only. It is not diagnostic and should not replace consultation, evaluation, or personal services including examination and an agreed course of action by a licensed practitioner. The MTA and ReturnToWorkSA and their affiliates and their respective agents do not accept any liability for injury, loss or damage arising from the use or reliance on this document. The copyright owner provides permission to reproduce and adapt this document for the purposes indicated and to tailor it (as intended) for individual circumstances*. (C) 2015 ReturnToWorkSA.

|  |
| --- |
| Skills Required: |
| * Motor vehicle operation and repair, knowledge of electrical repairs, equipment maintenance, operation monitoring, troubleshooting, operation and control, quality control analysis, critical thinking, equipment selection, active listening, judgment and decision making, handling and moving objects, performing general physical activities, inspecting equipment, structures or material, problem solving, tool operation.
 |

|  |
| --- |
| SPECIAL SKILLS: |
| READ | Simple | WRITE | Never |
| SOLVE | Moderate | COMMUNICATE | Never |
| PRECISION | Frequent | COORDINATION - FINE | Frequent |
| COORDINATION - GROSS | Constant | FOOT OPERATIONS | Never |
| PPE: |
| BOOTS | Safety | EYE WEAR | Safety Glasses |
| HEARING | Not Required | HAIR NET / BEARD | Not Required |
| HEAD GEAR / HELMET | Not Required | SAFETY VEST / CLOTHING | Required |
| SUN PROTECTION - HAT | Not Required |  |  |
| ENVIRONMENT: |
| TEMPERATURE | Controlled Moderate | LIGHTING | Bright |
| NOISE | Light Factory | WIND VELOCITY | N/A |

|  |
| --- |
| TASK ANALYSIS |
| Description:The worker is required to remove the inside panel of the door in order to expose and work on the electronics underneath. This task may involve some awkward postures, mainly squatting/kneeling and lying supine on the ground, whilst twisting through the spine and using gross and fine bilateral eye hand coordination. | Critical Work Demands:* Constant squatting / kneeling postures
* Constant gross and fine bilateral motor eye hand coordination
* Constant bilateral palmar / pincer grasping
* Frequent neck flexion (0°-70°) and extension (0°-45°)
* Frequent shoulder flexion (0°-175°), extension (0°-45°) and abduction (0°-175°)
* Frequent elbow flexion (0°-140°)
* Frequent forearm pronation / supination
* Frequent lumbar flexion (forward stooping)

Occasional lifting capacity approximating 5kg |
|  |