

JOB ROLE – AUTOMOTIVE SERVICE TECHNICIAN

Sector: Automotive
(Qualification Pack Code : ASC/Q1401)



PSS Central Institute of Vocational Education
Shyamla Hills, Bhopal – 462013, Madhya Pradesh, India

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Unit 2: Automobile Service Tools

Session 4: Special Tools

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Session objective

- The Student will be Able to explain special tools
- Able to discuss about advantages and use of various special tools

Introduction

Every vehicle has large number of parts which are used in assembling the vehicle. During disassembly of these parts are operated by special tools. Special tools are important tools used for special purpose. These tools are special in nature and does the special purpose work. Use of these tools makes work easy and save time. These tools are costly and available in authorized service centre.

Some of common special tools are Universal holder, socket wenches, flywheel puller, tappet cover wrench, Pierce plier, piston slide base, socket, front, fork oil seal driver, driver outer, ball race driver, tappet cover wrench.etc. We will discuss some special tools here.

Universal clutch holding tool: This universal clutch holding tool is tool for holding the compressor clutch when removing or installing the center nut.

Tappet Wrench: A wrench having parallel jaws at fixed separation (often on both ends of the handle)

Flywheel puller: A proper flywheel puller is the only correct and safe way to remove a flywheel from engine. Without using the recommended tool, there are chances of damaging the flywheel which could lead to a potential reliability issue.



Summary

In this session you have learnt a following , Special tools are important tools used for special purpose. These tools are special in nature and does the special purpose work. Use of these tools makes work easy and save time. These tools are costly and available in authorized service centre.

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