



Technical Bulletin			 Tesco Corporation 5616 – 80th Avenue SE Calgary, Alberta, Canada T2C 4N5 Tel: 1-877-TESCO-77 (North America) Tel: 1 (713) 359-7195 (AMSS 24-hour support) Tel: 1 (713) 359-7295 (International) Email: bulletins@tescocorp.com www.tescocorp.com www.tescoparts.com
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Safeguarding of TESCO Hydraulic Power Units D2P, D4P and D6P			 TESCO ®

BACKGROUND INFORMATION:

TESCO's primary manufacturing facility located in Calgary, Alberta, Canada designs and manufactures equipment that conforms to occupational health and safety (OH&S) requirements established in the province of Alberta. It also complies with practices suggested by the Canadian Standards Association (CSA) Z432-04 Safeguarding of Machinery.

Moreover, TESCO equipment is designed and manufactured in accordance with a number of internationally recognized codes and standards. To comply with international, regional and local OH&S codes, some customers may be required to install additional safety controls; specific requirements may vary depending on the regional or local jurisdictions in which the equipment is operated. TESCO and the customer must verify that the safety controls are correctly installed and used, and do not cause additional hazards.

TESCO has designed and tested safety guards to protect personnel from coming into contact with parts operating at high temperatures and/or moving within the hydraulic power units (HPUs) that pose a hazard to personnel. It is strongly recommended that customers take immediate steps to ensure the protection of their employees including implementation of supplemental guarding and/or administrative controls (signage and training) as may be required to satisfy local OH&S requirements.

Guards are available for the following TESCO HPUs:

Power Unit / Top Drive Model	TESCO PART NUMBER OF HYDRAULIC POWER UNIT		TESCO Part Number of Guard Kit
	TESCO Part Number	Hydraulic Power Unit Description	
Caterpillar C15 Powered D2P / HMI Top Drive	5019462	Power Unit,Hyd,Heli-Lift,w/o HR/SL,480VAC,60Hz,C15,D2P	5025188 (Figure 1)
	1120045	Power Unit,Hyd,w/o HR/SL,480VAC,60Hz,CAT C15 Acert (Tier III),D2P	
	5011669	Power Unit, w/o HR/SL, 380VAC, 50Hz,CAT C15 Acert (Tier III), D2P	
	721178	Power Unit,Hyd,w/o HR/SL,480VAC,50/60Hz,CAT C15 Acert (Tier III), CE,D2P	
	5008674	Power Unit,w/o HR/SL,380VAC,50Hz,CAT C15 Acert (Tier III),D2P, English/Russian	
	1120319	Power Unit,Hyd,w/o HR/SL,480VAC,50/60Hz,CAT C15 Acert (Tier III), English/Russian,D2P	
Caterpillar C18 Powered D4P / HXI Top Drive	5009723	Power Unit,Hyd,w/o HR/SL,CAT C18,D4P-700,Non PC	5025185 (Figure 2)
	1270293	Power Unit,Hyd,w/o Hose Reel/Service Loop,380VAC/50Hz,CAT C18, D4P-700,CE	
	5010095	Power Unit,Hyd,w/o Hose Reel/Service Loop,380VAC/50Hz,CAT C18, D4P-700,CSA	

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	5019080	Power Unit,Hyd,w/o Hose Reel/Service Loop,380VAC/50Hz,C18, D4P-700,English/Russian	
	710076	Power Unit,Hydraulic,w/o Hose Reel/Service Loop,CAT C18,D4P-700,CE	
	1090082	Power Unit,Hydraulic,w/o Hose Reel/Service Loop,CAT C18,D4P-700	
D6P / HCI Top Drive	720978	Power Unit,Hyd,High Amb,w/o HR,480VAC,16V2000(Tier II),D6P	5025184 (Figure 3)
	720979	Power Unit,Hyd,STD Amb,w/o HR,480VAC,16V2000(Tier II),D6P	
	5006707	Power Unit,Hyd,STD Amb,w/o HR,480VAC,16V2000(Tier II),D6P, English/Russian	

Table 1: TESCO Hydraulic Power Units for which the Engine Guard is now available

ACTION REQUIRED:

TESCO recommends customers identify all TESCO HPU's in their possession and reference Table 1, and procure the corresponding Guard Kit to be installed on the HPU. The Guard Kits are available for purchase from a local TESCO representative.

Note: Never attempt to perform services, procedures or repairs when equipment is operating.

Note: Always perform the correct lock-out procedures as recommended by the Safety or Loss Prevention department before implementing maintenance.

Version	Date (D/M/Y)	ECN	Description of changes
Rev 0	21/03/2013	229-0004	Initial release of document

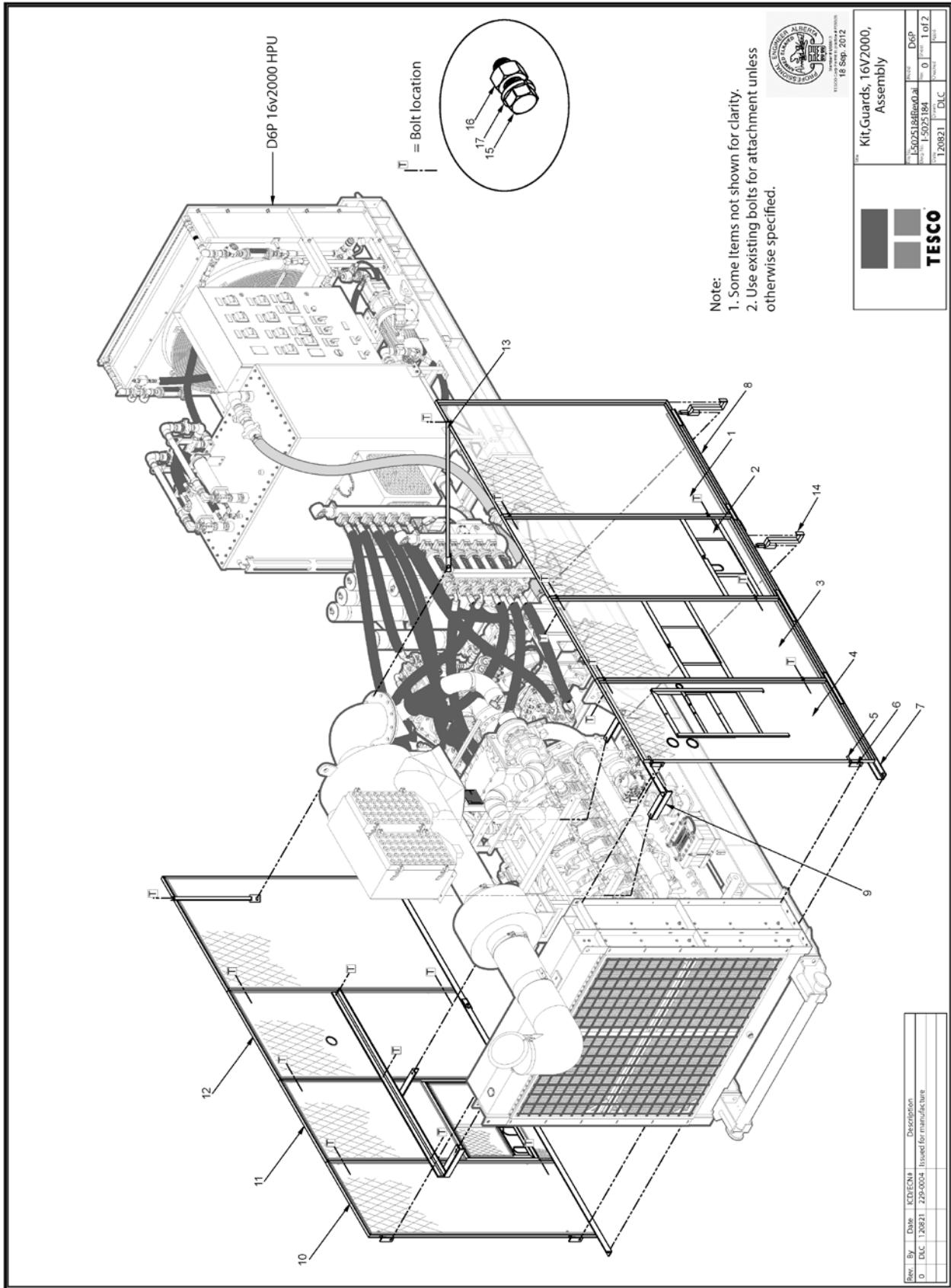


Figure 1: Guard Kit, TESCO Part Number 5025188
 For Caterpillar C15 D2P Hydraulic Power Unit, TESCO HMI Top Drive

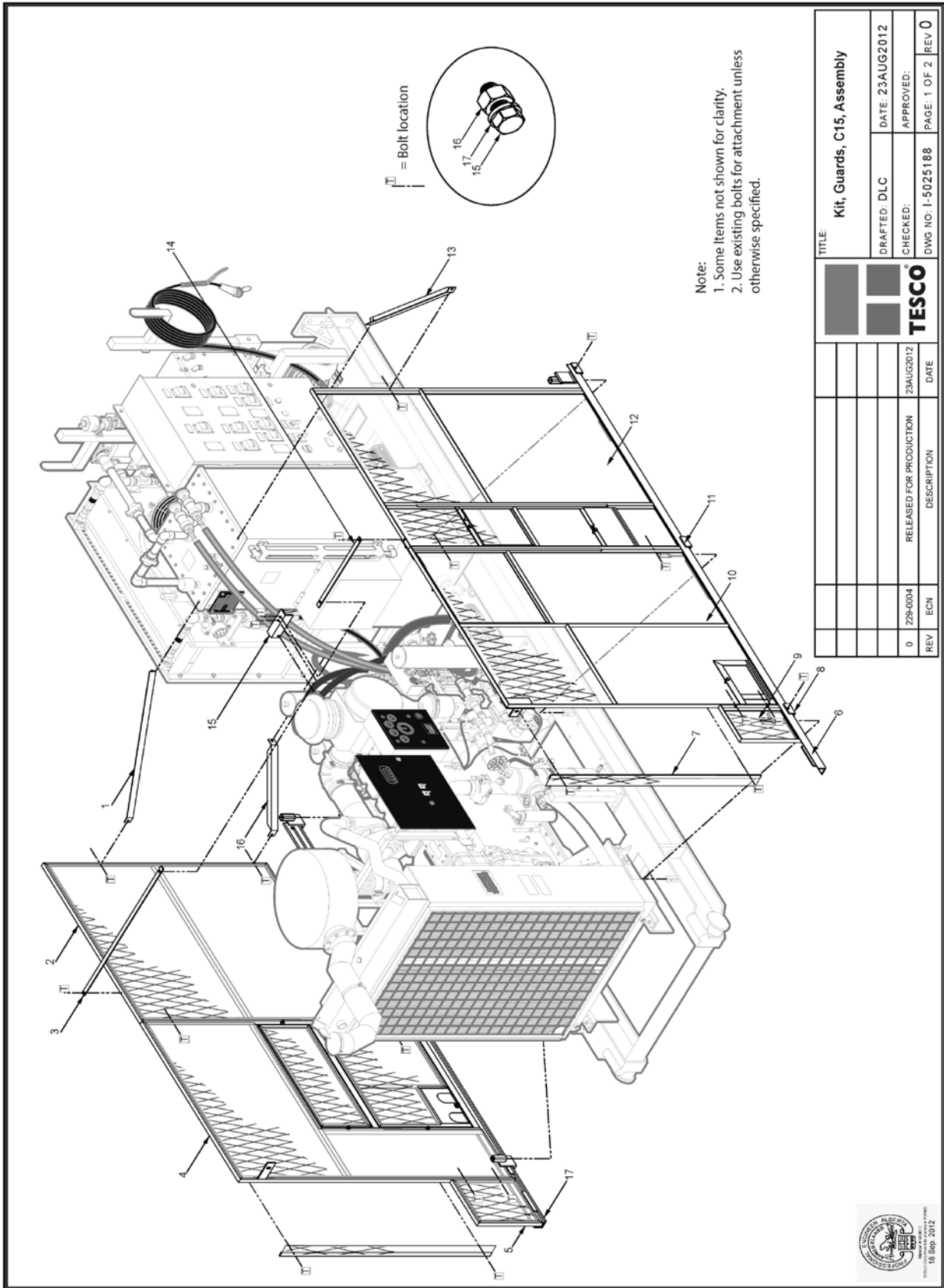


Figure 3: Guard Kit, TESCO Part Number 5025184
 For Detroit Diesel 16V2000 D6P Hydraulic Power Unit, TESCO HCI Top Drive